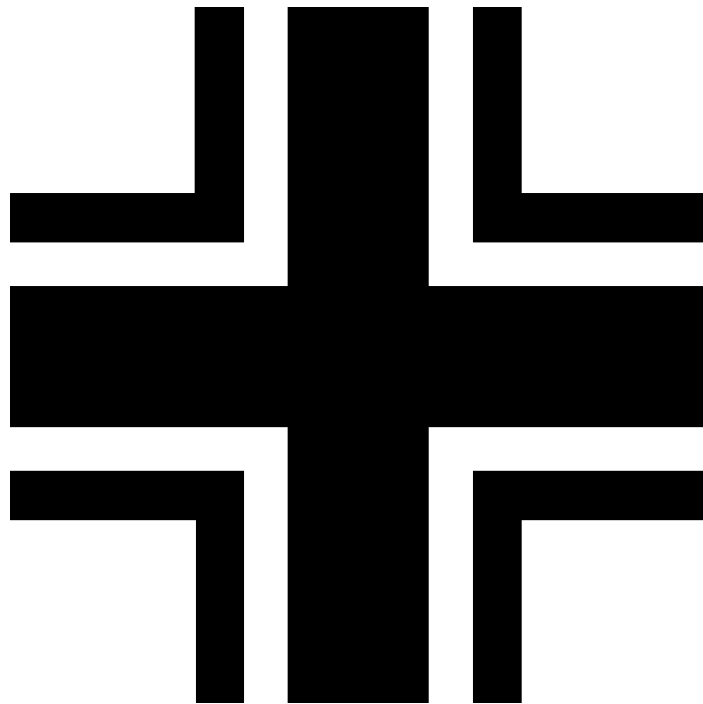


GERMAN WORLD WAR II ORGANIZATIONAL SERIES



Volume 5/II

**HIGHER HEADQUARTERS AND MECHANIZED GHQ UNITS
(4 July 1943)**

THE GERMAN WORLD WAR II ORGANIZATIONAL SERIES

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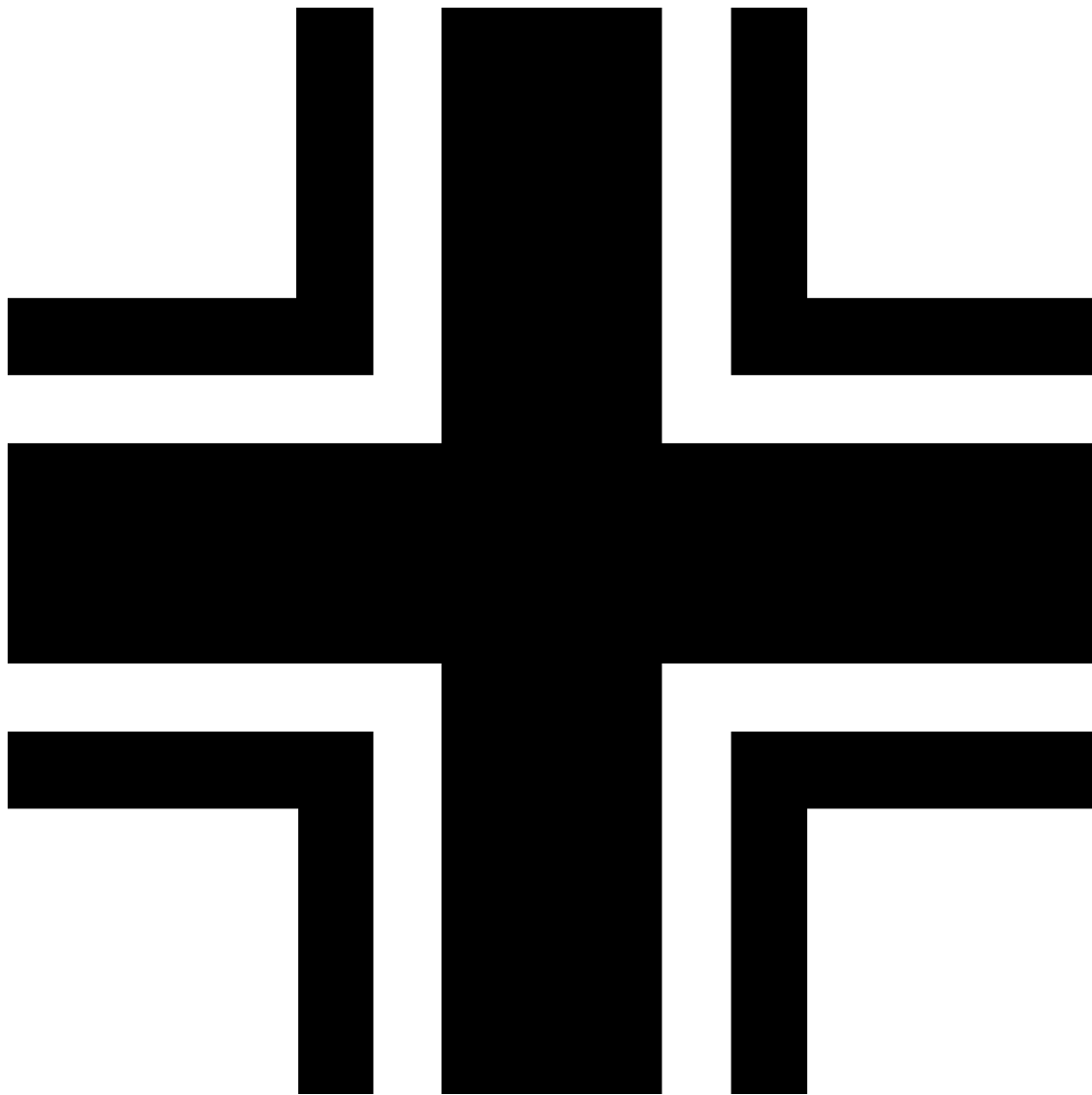
3/V	22.06.41	Army Security, Occupation, and Provost Marshal Forces
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by Leo W.G. Niehorster



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CONTENTS

Higher Headquarters and Mechanized GHQ Units

<p>1 Contents</p> <p>2 The Author</p> <p>3 General Introduction</p> <p>4 How to Read the Charts</p> <p>5 Germans Units and Symbols</p> <p>6 Organizational Symbols</p> <p>8 Abbreviations</p> <p>9 Order of Battle</p> <p>10 Army Group Headquarters</p> <p>11 603rd Army Group Signal Battalion</p> <p>12 Army Group Signal Regiment</p> <p>14 Army Headquarters</p> <p>15 I./635th Army Signal Regiment</p> <p>16 Army Signal Regiment</p> <p>18 550th Army Signal Regiment</p> <p>20 Panzer Army Headquarters</p> <p>21 Army Supply Commander</p> <p>22 Panzer Army Signal Regiment</p> <p>24 Infantry Corps</p> <p>26 Mountain Corps</p> <p>27 Panzer Corps</p> <p>28 Commander of Corps Supply Troops</p> <p>30 Corps Signal Battalion (motorized)</p> <p>32 Headquarters, Motorized Higher Artillery Command (Harko)</p> <p>33 Headquarters, Motorized Artillery Command (Arko)</p> <p>34 Headquarters, Motorized Special Artillery Regiment</p> <p>35 Motorized Light Artillery Observation Battalion</p> <p>36 Self-Propelled 194mm Gun Battery</p> <p>37 Motorized Recoilless Artillery Battalion</p> <p>38 Motorized Light Artillery Battalion</p> <p>39 Motorized Light Artillery Battalion (RSO)</p> <p>40 Motorized Heavy Artillery Battalion</p> <p>41 Motorized Heavy Gun Battalion</p> <p>42 Motorized Heavy 210mm Gun Battalion</p> <p>43 Motorized Heavy 210mm Howitzer Battalion</p> <p>44 Motorized Heavy 240mm Gun Battalion</p> <p>45 Motorized Heavy 240mm Howitzer Battalion</p> <p>46 Motorized Super Heavy Howitzer Battalion</p>	<p>47 Motorized Heavy 420mm Howitzer Battery</p> <p>48 Self-Propelled Heavy 600mm Howitzer Battery</p> <p>49 Assault Gun Battalion</p> <p>50 Motorized Army Anti-Aircraft Battalion</p> <p>51 Commander of Rocket Troops</p> <p>52 Motorized Rocket-Launcher Regiment</p> <p>54 Motorized Independent Infantry Regiment</p> <p>55 Führer Escort Battalion</p> <p>56 Light Infantry Battalion (motorized)</p> <p>57 Machine Gun Battalion (motorized)</p> <p>58 Heavy Mortar Battalion (motorized)</p> <p>59 Light Anti-Aircraft Battalion (Motorized/Self-Propelled)</p> <p>60 Headquarters, Special Tank Brigade</p> <p>61 Headquarters, Special Motorized Infantry Brigade</p> <p>62 Tank Units (Captured Equipment)</p> <p>63 Medium Tank Regiment (Panther)</p> <p>64 Heavy Tank Battalion (Tiger)</p> <p>65 Assault Tank Battalion</p> <p>66 Tank Battalion (Radio Controlled)</p> <p>67 Mechanized Anti-Tank Battalion</p> <p>68 Self-Propelled Heavy Antitank Battalion (Hornisse)</p> <p>69 Self-Propelled Heavy Antitank Battalion (Tiger (P))</p> <p>70 Headquarters, Motorized Special Engineer Regiment</p> <p>71 Motorized Combat Engineer Battalion</p> <p>72 Motorized Headquarters Detachment for Bridge Columns</p> <p>73 GHQ Bridge Columns - order of battle</p> <p>74 Heavy Bridge Columns</p> <p>75 Motorized Bridge Construction Battalion</p> <p>76 Armored Engineer Company (Goliath)</p> <p>77 Motorized Engineer Assault Boat Company</p> <p>78 Bibliography</p> <p style="padding-left: 20px;">i Introduction to Motor Vehicles</p> <p style="padding-left: 20px;">ii Numbered Motorized Softskin Vehicles</p> <p style="padding-left: 20px;">iv Special Motorized Vehicles</p> <p style="padding-left: 20px;">x Military Trailers and Special Military Trailers</p> <p>xiii Horse-Drawn Vehicles: Wagons, Carts, Sleds</p> <p>xv Ranks and Billet Groups of the German Army</p> <p>xvi German Military Personnel Job Descriptions</p>
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THE AUTHOR

Dr. Leo Niehorster was born in The Hague, Netherlands of an American mother and Dutch father. He has lived in Holland, Peru, England, Mexico, Canada, the United States, France, and Germany. His university education has been correspondingly diverse. The University of the Americas in 1964 to 1967, University of Maryland (correspondence courses while in the US Army) from 1968 to 1972, European Business School 1972 to 1976 (BA in Business Administration), Frankfurt Fachhochschule 1978 (Dipl. Kaufmann), Columbia Pacific University 1978 to 1980 (External MA in Business Administration), Columbia Pacific University 1980 to 1982 (External PhD in History). His vocational training includes a course resulting in the degree of Telecommunications Systems Developer. He is also a licensed Apple Service Technician.

The author did his military service in the US Army from 1968 to 1972, ending up in Germany, where he stayed.

His professional career started as night shift supervisor in an airline catering service, and has spanned such activities as pizza baker at

the local Italian in Barstow, California, to product manager for long haul travel in the world's largest tour operator in Hannover, Germany. He spends most of his spare time involved in military history.

The author is a recognized authority on World War II German ground forces organization, and has put all of his expertise into the present series. Some of these books are a republication of the original series, (which have been out of print for several years), but they have been very much enhanced and augmented, encompassing a further fourteen years of research and study in the German, American, and British archives. The revised editions as well as the new volumes in the series will be highly welcomed by all interested in German military organization in World War II.

Dr. Niehorster's previously published works include "The Royal Hungarian Army, 1920–1945", which was acclaimed as one of the Top Ten Books of 1999, and is considered by many experts to be the single most important English language history on the Hungarian Army.

GENERAL INTRODUCTION

The 1942 campaigns had ended disastrously for the Germans. The 6th Army capitulated in Stalingrad in February 1943. The 4th Panzer Army barely escaped a similar fate in the Caucasus in March 1943. And Army Group Afrika surrendered in Tunisia in May 1943.

For reasons of prestige, all units and formations lost in Stalingrad were raised again, (including the GHQ units). This was mostly done by using existing reserve units to which were added the few remaining remnants, including personnel returning from leave, recovered wounded and sick, (to give the units some tradition), as well as new personnel from training and replacement battalions. But even so, many GHQ motorized heavy artillery battalions had to be replaced by battalions equipped with light field howitzers.

Through enormous effort, by mid-1943 the Germans had recovered to some extent. The Germans even managed to raise a series of powerful units with new equipment, such as the Ferdinand and Hornisse self-propelled heavy antitank guns, Panther tanks, Sturmpanzer, remote-controlled armored vehicles, etc. Even so, not all GHQ units were up to their full strength.

The big German offensive in July 1943 resulted in the Battle of Kursk, where the Russians soundly defeated the German armed forces for the second time on the East Front within five months, all the new equipment notwithstanding.

GHQ (General Headquarters, i.e. non-divisional) units were tools used by the German Army to form and support concentrations of offensive or defensive forces at critical sectors and main points of effort. GHQ units included the heavy artillery, combat engineers, tank and antitank, infantry, and anti-aircraft combat arms. It also included a vast array of non-combat units. But to include the latter would go beyond the purpose of this series.

Information regarding the German Army GHQ units has been difficult to acquire. First, on 14.04.1945, all war diaries and records of GHQ units stored at the German military archives at Potsdam were destroyed in a major Allied air raid. Second, with very few exceptions, GHQ unit histories have not been published, and hence information regarding most units can only be found in footnotes or mentions in divisional histories, war diaries, and weapons books. Third, although sometimes orders of battle indicated GHQ units, this was the exception rather than the rule.

GHQ units also were equipped with very specialized vehicles, (such as flame-throwing tanks), scarce weapons, (such as self-propelled 88mm Flak), or experimental equipment, (such as mine-clearing vehicles), and were specially trained in their use. GHQ units also had equipment whose effect was operational or strategic, i.e., beyond normal divisional control capabilities, (such as super heavy artillery). Normally, GHQ combat units were mechanized.

GHQ units were eagerly sought after by all commanders. They were trained for and expected to operate independently. The unit commanders were expected to be able to assert themselves against

divisional and regimental commanders. These higher commanders were in turn enjoined by standing orders to consult with the GHQ unit commanders regarding the tactical capabilities and use of their specialized units. GHQ units had to excel in the use of their own specialized equipment, and that of divisions, and be able to mesh the two into an efficient combat tool.

Although in general the personnel situation caused by the heavy losses during early 1943 could be mastered, equipment was and continued to be a major problem. Armored vehicles were in short supply. Enough Sturmgeschütz and other armored self-propelled carriages to equip the all the required GHQ units was just not available – or being produced – in sufficient numbers. The heavy 75mm and 76.2mm, and even the medium 50mm antitank guns were in sort supply.

Soft-skinned motor vehicles were never produced in sufficient numbers to satisfy the needs of the tables of organization (*Kriegsstärkenachweisung – KStN*). The lack of German equipment was compensated to a certain extent by the wholesale incorporation of captured Russian, Czech, British, and French, vehicles, guns, artillery, etc. On 1.03.1943, General Heinz Guderian was appointed Inspector General of the Panzertruppen (Armored Forces). This meant that the organization of just about all mechanized units, (including those of the Infantry Inspectorate, the Luftwaffe, and the Waffen-SS) came under his control.

With any project as immense as this one, it is necessary to rely upon the assistance of others. On Mr. Thomas L. Jentz, whose profound and thorough knowledge of German armor was invaluable. On Herr Brün Meyer, formerly of the Bundesarchiv-Militärarchiv, whose help was, as always, essential, and without whose efforts and spare time most of this project would have been incomplete. Also on Adolf Schönefeld, Hans H. Weber, and Piet Duits. To all of them, my continuing thanks.

This book draws primarily on German tables of organization (*KStN*) and various orders of battle. The published material contained in the sources and references section indicates publications which were consulted, (although not necessarily used), and is basically meant to assist the reader in familiarizing himself with the subject of the German mechanized units and formations of the period.

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The author apologizes for any mistakes that have happened during this process, (they are only my own), and welcomes critical comments and suggestions. Should any reader possess more founded information, or even the original documents thereto, I would appreciate hearing from them, so that in a future edition, the corresponding corrections can be inserted for the benefit of all.

HOW TO READ THE CHARTS

Dates are indicated in the following manner: Day.Month.Year. (Thus 4.07.1943 is the 4th Day of July 1943).

The ordinator for numbers in German is the dot (“.”). Where German units are referred to in their original German designation, this practice has been followed. E.g. *14. Panzer-Division* is the German way of designating the 14th Armored Division.

The Germans normally referred to the large formations and the smallest units with an ordinator (i.e. armies, corps, divisions, brigades, and regimental battalions, as well as companies and platoons), whereas army groups, regiments and independent battalions were referred to in the reverse order. I.e. *Heeresgruppe Mitte, Artillerie-Regiment 103 (mot), or Panzer-Abteilung 33*. To facilitate the location of the various units and to present a uniform system of identification, all units have the identifying numbers indicated first in this work. Army groups, having names as opposed to numbers, have their designations indicated last.

Numbers in German can be confusing to Anglo-Saxons, as the decimal point becomes a decimal comma:

German: 10,5 English: 10.5 = (ten and a half)

Similarly, the comma used to separate thousands is also reversed:

German: 10.000 English: 10,000 = (ten thousand)

Where using German designations, the German practice has been followed (i.e.: *3,7cm Pak*). Otherwise, the English usage prevails: (i.e. 37mm antitank gun), using the millimeter system instead of the German WW II system based on centimeters.

Military motor vehicles and armored fighting vehicles (AFV) have a number behind them in brackets. This number refers to either the German model number (either *Kfz. = Kraftfahrzeug*, or to *Sd. Kfz. = Sonder Kraftfahrzeug*); or to the tonnage of the carrier. For civilian-type personnel and load carriers without a special number, the engine size or the weight classification is indicated instead. E.g.: truck (3-ton) refers to a cross-country (all-wheel-drive) load-carrier with a 3-ton load factor.

Truck (medium) refers to a civilian (rear-axle-driven) load carrier with a load factor of between 3 to 4.4 tons. Halftrack (7) refers to the 8-ton halftrack (*Zugkraftwagen*) with the *Sd.Kfz.* number 7. Car (2) refers to the light personnel carrier with the *Kfz.* number 2. Etc. Etc. The reader is referred to the sections on vehicles in the back of this book.

Van is a load carrier with a closed, hard body, (usually of wood), used for office and communications work. Truck is a load carrier having an open bed, which could be fitted with a tarpaulin stretched over tubular metal or wooden hoops.

The diagrams are based on reproductions of German organizational symbols of the period.

The text beneath each diagram has been used to clarify it, and to give details about composition and the amounts of sub-units. It breaks down the KStN, giving numbers and date of issue. KStN that are no longer available are marked thus: *)

The vehicles or items indicated behind the unit being described indicate the amounts in one of these units. E.g.:

3 Lt Tele Sect: 1 car (2), means that the three light telephone sections each have one light communications vehicle (*Kfz.* 2).

In some cases, sections do not have their own vehicles, or several sections share a vehicle. In these two cases, this is indicated in the text. E.g.:

1 Mortar Section: rides with one of the infantry squad's vehicles, or,
2 Pack Radio Sect: ride together in one truck (2-ton).

The designation “Trains” includes all the administrative, supply, rations, and baggage elements of the corresponding unit. Although maintenance sections and detachments were included under this designation, they have been presented separately for clarity.

In some cases, no vehicles are present. In this case, # Digits within brackets indicate: (Officers – Beamte – NCO – Enlisted Men)

TABLES OF ORGANIZATION – KRIEGSTÄRKENACHWEISUNGEN

German unit organizations were based on tables of organization, (*Kriegstärkenachweisungen* - KStN). Every unit raised had them, and all orders raising units indicated the corresponding KStN numbers and dates which applied for them. These orders also indicated any modifications that might apply at the time.

The Germans did not necessarily issue their KStN on the dates indicated on them, and it is highly unlikely that units conformed to the KStN on their issue dates. The KStN could be distributed before or after (retroactively to) the issue date. The issue date merely referred to a specific deadline upon which the KStN was to become effective. On 24.09.1943, for example, new organizations for all Panzer and Panzer-grenadier Divisions were ordered, although the new KStN were dated 1.11.1943 (and in a few cases 1.10.1943). Standard KStN were always dated on the 1st of the month. Provisional KStN were dated any other day of the month. These provisional KStN, (issued to test new organizations and changes to be promulgated), were then replaced by the official, standard KStN when ready. Sometimes, these provisional KStN remained in force and in effect became the standard KStN. In such cases, a ‘standard’ KStN (with an issue date on the 1st of the month), was not issued at all.

As new KStN appeared, the old ones were supposed to be destroyed in the field. The bombing and the ensuing fire caused the destruction of the Potsdam military archives in 1945, which means that only portions of the KStN remain today.

KStN could be modified (changed) by General Army Memorandums (AHM – *Allgemeine Heeresmitteilungen*) and also by orders issued by the various arms inspectorates or higher headquarters. These agencies continually changed and modified the KStN, adding a vehicle here, deleting a soldier or three there, or making other modifications.

The KStN are identified by their original issue date in this book. Such changes as made by the orders mentioned above have been incorporated, but the dates of and authorizations for these changes have not been indicated.

The Germans occasionally published lists with valid KStN at specific periods, approximately once a year. Some of the KStN indicated on these lists were never published, or they were issued, but with a remark that they were not to be implemented until further notification, (or specific orders), which, in some cases, was never forthcoming. Some KStN existed only a short time, never appearing on these validity lists, (either cancelled, never authorized, or superseded).

Other KStN were issued twice under the same date with minor modifications. The validity of the second one was indicated by underlining the date. Any KStN issued on that date had to have the date underlined to be valid.

KStN and changes became valid when authorized by higher headquarters and then applied immediately to unit strength reports. Internal reorganizations of the units were not made until the indicated units were able to implement them. This might mean having to wait until the units could be withdrawn from combat and having time for training and administrative matters. Units to be issued with new and particularly complicated equipment were withdrawn to training grounds, transferring most of their old equipment to other units upon departure. A new unit was normally raised, trained, and equipped at one of the training grounds and then sent to the front, where normally (but not always immediately) it joined its parent unit or formation.

The author has extrapolated the missing KStN from other KStN, which could be either contemporary and similar, or of the same KStN of later and/or earlier dates. The KStN number of the unit being defined in this case has an *) behind it. These educated guesses are also based on what information could be gleaned from orders of battle, unit histories (where available), unit strength reports, and German tactical doctrine manuals of the period.

It is important to emphasize that KStN indicated the maximum authorized organization. In many cases, they represented an ideal organization which in reality was not achieved.

GERMAN UNITS AND ORGANIZATIONAL SYMBOLS 1943

The symbols in this book are based on the official German handbook of military symbols (H.Dv. 272) of 23.05.1943, and on the actual symbols used in the organizational charts (Kriegsgliederungen des Feldheers, (1.07.43)). Where symbols in the latter are at variance with the former, the symbols of the organizational charts have been used.

The organizational unit symbols introduced in 1943 were simplified. E.g., antitank units now also used a representation of the basic antitank gun symbol itself; weapon symbols themselves were no longer modified, but had instead identifying information placed next to them, etc.

In German organizational charts (and, as reflected in this book), the headquarters symbol represents two purposes. First, it indicated the size, function, and mobility of the unit. And, second, it also indicated the headquarters of that echelon itself. I.e., there was no separate symbol for this echelon's headquarters. For all headquarters units with (and important units without) separate KStN, the corresponding symbols were placed to the right of the echelon's symbol. The same applied to those units that were directly assigned to the echelon's headquarters. For example, the signal and tank platoon of an armored regiment (although part of the Regiment Headquarters) were put next to the headquarters, but the independent tank maintenance platoon of a tank battalion was placed underneath it.

The different functions and mobility additions were used to enhance the echelon's symbol to indicate a specific purpose. Company-sized units and sub-units symbols were also modified in a similar fashion.

The Germans numbered their units on organizational charts from the right. I.e., the first company was on the far right, and the last company was on the far left.

An interesting feature of company and sub-unit symbols is that their size, shape, and dimensions could be altered to fit the diagram being depicted with them. Several infantry companies, for example, were placed side-by-side, elongated upwards, (so that all weapons symbols could fit within), and only the left-hand company had a thickened edge used to indicate its size (more of this below). The variations in size and shape followed the original configuration, and the basic symbol was still recognizable as such.

The symbols were intended to be mnemonic. The headquarters symbols reflected the units' pennants used on vehicles or the standards themselves. (These flags and pennants were of different colors to represent the various combat arms, and usually had a number, letter, and/or heraldic symbol superimposed upon them). Hence, any German looking at one of these symbols could immediately recognize the unit type being depicted. The colors in real life were substituted by the unit function and mobility modifiers above and below the symbols. In addition, a simplified version of the organizational symbols was, for example, painted on unit vehicles and used on maps.

The mobility of the unit was also quickly recognizable. For example, the two small circles ('wheels') underneath a symbol identified the unit as being motorized. In case these wheels were over the symbol (applied only to artillery-type units), this indicated that the unit was motorized by half-tracked prime movers. Elongated ovals ('tracks') applied underneath the symbol meant that the unit was either self-propelled or fully tracked.

The lozenge symbol represented armor. All tank-type units used this symbol, including assault artillery (Sturmgeschütz, Sturmhaubitze), as well as Sturmpanzer. It was shaped to reflect World War I tanks, and hence provided a good memory assist.

Aside from a very few specialized symbols, which were quickly memorized, all company-sized and smaller unit symbols tended to reflect the units' function or their main weapon. In most cases, a unit too difficult to depict easily was instead represented by a box with a corresponding abbreviation inside. In case it belonged to a particular arm, the arms symbol could be placed on top of or within this box. Where various modifiers applied, these were all added to the symbol.

Company-sized units had, somewhere within their symbol, a thickened part, usually a side.

Artillery Inspectorate firing batteries (tube, rocket-launcher, and Army anti-aircraft) batteries used the basic weapon symbols without thickening. A large weapon symbol (usually with the number of guns underneath) indicating a battery. (Firing artillery units smaller than battery size were depicted by smaller scale symbols). The caliber was indicated on the left of the symbol, (in centimeters or weight), and further identification, (if necessary), on the right. None-firing batteries followed the normal form of thickening a portion of the symbol to indicate their size.

The weapon symbols for the Infantry and Panzertruppen Inspectorate artillery-type companies (light and medium anti-aircraft, infantry gun) had the upright stems of the weapon symbols representing these types of companies thickened accordingly.

Where several columns, platoons, or detachments were gathered into a headquarters company or heavy company, these symbols were enclosed in a box with a thick side.

The units smaller than companies, whether independent or as sub-components, were usually depicted on organizational charts only if they had their own KStN. Exceptions occurred, particularly if the headquarters sub-units contained specialized equipment.

Staffel (Detachment) This was an elastic designation for several components under a headquarters section, these components being from section to platoon size. Often this was merely an administrative grouping, and the components were distributed to other sub-units in combat. It could either have its own small headquarters section, or one of the components' leaders could carry out a dual function.

Kolonne (Column) This was an independent transportation unit, varying from company to platoon size, transporting equipment or supplies such as a bridge column (which in fact did not actually built the bridge it was transporting), or even as an 'infantry' column (which consisted of a set number of horse-drawn vehicles capable of transporting a fixed tonnage).

Zug (Platoon) Independent unit or the typical main subdivision of companies and batteries. Usually, the 1st and 2nd platoons in each company-sized unit, and also of independent platoons, were lead by a lieutenant, while the other platoons were headed by a senior NCO.

Trupp (lit. Troop; Section) A small unit, equipped with specialized equipment; it could also function as a headquarters unit.

The units indicated below were not depicted as separate symbols.

Halb-Zug (lit.: Half-Platoon) Some platoons, for example HMG Platoons, could be divided into two parts.

Gruppe (Squad, Section) Normally the smallest sub-unit that existed in the German Army. In this book, the word "Squad" has only been used for infantry and reconnaissance infantry units. All other units of this size have been designated as "Sections".

Halb-Gruppe (lit. Half-Squad, i.e. Team) Infantry and reconnaissance squads could be broken down into two parts. Infantry and reconnaissance squads were built up around the squad LMG. Where only one LMG was provided, one team provided cover while the other team was the movement element. Where two LMG were available, the teams covered each other in turns. Reconnaissance teams, on the other hand, were trained to work independently, although they too could function as a squad.

GERMAN ORGANIZATIONAL SYMBOLS
1943

SIZE, FUNCTION, MOBILITY

General Headquarters	Army Group Headquarters	Army Headquarters	Group Headquarters	Corps Headquarters	Military Commander	Division Headquarters	Brigade Headquarters	Regiment Headquarters	Battalion Headquarters	Company Headquarters	Band
Infantry	Reconnaissance	Signal	Engineer	Bridging Engineer	Railroad Engineer	Technical	Supply	Motor Transport	Maintenance	Medical	Veterinary
Infantry	Mountain	Bicycle	Semi-Motorized	Motorized	Motorcycle	Armored Infantry	Panzer Div. Tank	Anti-Tank	Construction	Military Police	Cavalry
Artillery	Mountain Artillery	Self-Propelled Artillery	Panzer Div. Artillery	Artillery Observation	Rocket Artillery	Recoilless Artillery	Assault Artillery	Infantry Anti-Aircraft	Army Anti-Aircraft	Luftwaffe Anti-Aircraft	Machine Gun
Foot / Horse-Drawn	Mountain	Ski or Sled	Bicycle	Mixed Mobility	Semi-Motorized	Motorized	Motorcycle	Halftrack Towed	Amphibious Motorized	Self-Propelled (Tracked)	Armored Halftrack

WEAPONS

Weapon												
		Machine Gun	Anti-Tank Rifle	Infantry Gun	Mortar	Anti-Tank Gun	Rocket Launcher	Gun	Howitzer	Heavy Howitzer	Anti-Aircraft Gun	Flame Thrower
light	<i>le</i>	with bipod	to 79mm	to 75mm	to 79mm	to 39mm	to 109mm	to 99mm	to 129mm		to 36mm	man-packed
medium	<i>m</i>				80 - 119mm	40 - 59mm	110 - 159mm				37 - 59mm	
heavy	<i>s</i>	with tripod	over 80mm	over 76mm	over 120mm	60 - 89mm	160 - 219mm	100 - 209mm	130 - 209mm	210 - 249mm	60 - 159mm	vehicle-borne
super heavy	<i>sw</i>	over 15mm				over 90mm	over 220mm	over 210mm	over 210mm	over 250mm	over 160mm	

INFANTRY INSPECTORATE UNITS



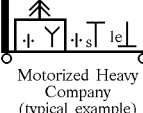












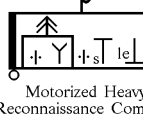

















Infantry Platoon	Infantry Company	Infantry Mortar Company	Infantry Machine Gun Company	Infantry Engineer Platoon	Infantry Anti-Tank Platoon	Infantry Anti-Tank Company	Infantry Gun Platoon	Infantry Gun Company	Infantry Bicycle Platoon	Infantry Bicycle Company	Light Anti-Aircraft Co. (mot)
Mountain Infantry Platoon	Mountain Infantry Company	Mountain Mortar Platoon	Mountain Machine Gun Company	Mountain Engineer Platoon	Mountain Anti-Tank Platoon	Mountain Anti-Tank Company		Mountain Infantry Gun Company	Mountain Bicycle Inf. Plt.	Lt. Mountain Transport Column	Light Anti-Aircraft Co. (SP'd)
Cavalry Platoon	Cavalry Company	Cavalry Mortar Platoon	Cavalry Machine Gun Company	Cavalry Engineer Platoon	Cavalry Anti-Tank Platoon	Cavalry Inf. Gun Platoon	Infantry Mounted Recon. Plt.	Jäger	Machine Gun Company (motorized)	Mortar Company (motorized)	Medium Anti-Aircraft Co. (SP'd)

ENGINEER INSPECTORATE UNITS





























































Engineer Platoon	Engineer Company	Mountain Engineer Company	Motorized Engineer Company	Armored Engineer Company	Engineer Goliath Company	Engineer Assault Boat Company	Bridge Construction Company	Construction Company	Road Construction Company	Engineer Equipment Plt. (mot)	Railroad Engineer Company
Bridge Column B (motorized)	Bridge Column K (motorized)	Bridge Column J (motorized)	Unit of Bridge Equipment H	Unit of Bridge Equipment leZ	Unit of Bridge Equipment sS	Bridge Unit with Escort Detachment	Bridge Column Unit & Escort Detachment	Engineer Snow-Clearing Plt. (mot)	Light Engineer Transport Column (mot)	Engineer Park	Railroad Engineer Park

GERMAN ORGANIZATIONAL SYMBOLS
1943













PANZERTRUPPEN INSPECTORATE UNITS

 Motorized Infantry Platoon	 Motorized Infantry Company	 Motorized Heavy Company (typical example)	 Armored Infantry Platoon	 Armored Infantry Company	 Armored Flamethrower Platoon	 Armored Gun Platoon	 Armored Heavy Company (typical example)	 Motorized Inf. Gun Company	 Self-Propelled Inf. Gun Company		
 Motorcycle Recon. Platoon	 Motorcycle Recon. Company	 Kettenrad Recon. Company	 Volkswagen Recon. Company	 Armored Recon. Company	 Motorized Heavy Reconnaissance Company (typical example)	 Armored Car Platoon	 Armored Car Company (wheeled)	 Armored Car Company (half-tracked)	 Armored Car Company (tracked)	 Light Recon. Transport Column	
 Tank Platoon	 Tank Company	 Radio-Controlled Tank Co.	 Tank (Sturmgeschütz) Company	 Assault Tank Company (Sturmpanzer)	 Armored Headquarters Company	 Tank Maintenance Platoon	 Tank Maintenance Company	 Flame Tank Platoon	 Motorized Anti-Tank Company	 Self-Propelled Anti-Tank Company	 Light Panzer Transport Column





































ARTILLERY INSPECTORATE UNITS

 Light Field Gun Battery	 75mm Mtn. Gun Battery (GK 15)	 75mm Field Gun Battery (FK 16nA)	 75mm Cav. Gun Battery (FK 16nA)	 75mm Field Gun Battery (FK 18)	 Assault Gun Battery (Sturmgeschütz)	 Light Field Howitzer Battery	 105mm Field Howitzer Bty. (le. FH 16)	 105mm Field Howitzer Bty. (le. FH 18)	 Heavy Field Howitzer Battery	 150mm Field Howitzer Bty. (s. lg. FH 13)	 150mm Field Howitzer Bty. (sFH 18)
 Heavy Gun Battery	 105mm Gun Battery (K 17)	 105mm Gun Battery (K 18)	 150mm Gun Battery (K 16)	 150mm Gun Battery (K 18)	 150mm Gun Battery (K 39)	 150mm Gun Battery (How. Base)	 170mm Gun Battery (How. Base)	 210mm Gun Battery (K 12)	 210mm Gun Battery (K 38)	 210mm Gun Battery (K 39)	 240mm Gun Battery (K 3)
 240mm Howitzer Bty. (H 39)	 210mm Howitzer Bty. (lange Mörser)	 210mm Howitzer Bty. (M 18)	 305mm Howitzer Battery	 355mm Howitzer Bty. (M 1)	 600mm Howitzer Bty. (Karl Gerät)	 75mm Recoilless Bty. (LG 1)	 105mm Recoilless Bty. (LG 2)	 Army AA Searchlight Battery	 20mm Flak Army AA Battery	 37mm Flak Army AA Battery	 88mm Flak Army AA Battery
 105mm Rocket Launcher Bty. (Nb. W. 40)	 150mm Rocket Launcher Bty. (Nb. W. 41)	 210mm Rocket Launcher Bty. (Nb. W. 42)	 280/320mm RL Bty. (Nb. W. 41)	 300mm Rocket Launcher Bty. (Nb. W. 42)	 Motorized Headquarters Battery	 Hqs. Bty. Self-Propelled Battalion	 Hqs. Bty. Assault Gun Battalion	 Hqs. Bty. Army AA Battalion	 Hqs. Bty. Rocket Battalion	 Hqs. Bty. Art. Obs. Battalion	 Artillery Park
 Motorized Calibration Detachment	 Mountain Calibration Detachment	 Calibration Platoon	 Calibration Battery	 Weather Detachment	 Motorized Weather Platoon	 Sound-Ranging Battery	 Flash-Ranging Battery	 Motorized Balloon Platoon	 Artillery Transport Column (mot)	 Army AA Transport Column (mot)	 Rocket Transport Column (mot)

SIGNAL INSPECTORATE UNITS

 Motorized Propaganda Company	 Motorized Signal Company	 Motorized Telephone Company	 Mountain Telephone Company	 Telephone Construction Company	 Wire Construction Company	 Telephone Operations Company	 Motorized Radio Company	 Motorized Interception Company	 Armored Signal Company	 Armored Radio Company	 Light Signal Transport Column (mot)
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REAR ECHELON UNITS

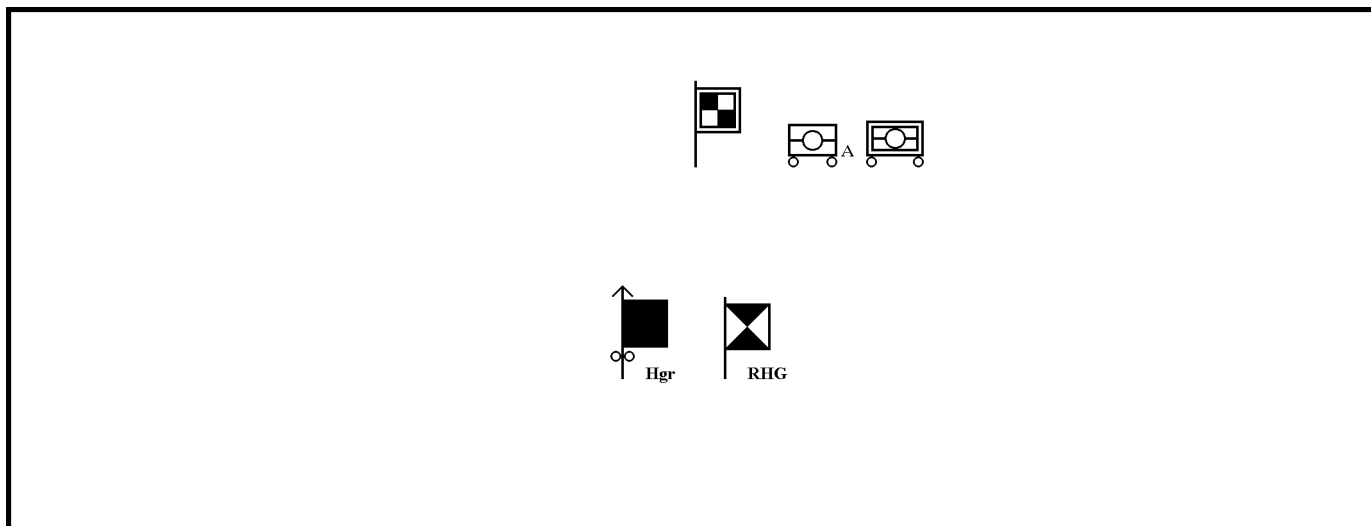
 Horse-Drawn Transport Column (15t)	 Horse-Drawn Transport Column (30t)	 Horse-Drawn Transport Column (60t)	 Motorized Transport Column (30t)	 Motorized Transport Column (60t)	 Motorized Transport Company (90t)	 Motorized Transport Company (120t)	 Motorized Light Supply Company	 Motorized Heavy Supply Company	 Motorized P.O.L. Col. (25cbm)	 Motorized P.O.L. Col. (50cbm)	 Motorized Water Tanker Col. (60cbm)
 Motorized Bakery Company	 Motorized Butchery Company	 Mot. Rations Administration Detachment	 Motorized Field Post Detachment	 Motorized Military Police Platoon	 Motorized Military Police Company	 Motorized Trains	 Field Hospital	 Medical Company	 Motorized Ambulance Platoon	 Veterinary Company	 Mot. Horse Transport Column
 Motorcycle Messenger Platoon	 Motorized Maintenance Platoon	 Motorized Maintenance Company	 Motorized Armorer Company	 Motorized Spare Parts Detachment	 Motorized Spare Parts Column	 Motorized Recovery Platoon	 Tank Recovery Platoon	 Motorized Mapping Detachment	 Motorized Printing Detachment	 Motorized Printing Platoon	 Motorized Technical Company

<i>Abbr.</i>	<i>German</i>	<i>English</i>	<i>Abbr.</i>	<i>German</i>	<i>English</i>
AA	–	anti-aircraft	lg	lang	long
Abt	Abteilung	Battalion	Li	Lichtmess	flash ranging
AC	–	armored car	LMG	–	light machine gun
AG	–	Army Group	lt	–	light
Ammo	–	ammunition	Lw	Luftwaffe	German Air Force
Armd	–	armored	M, Mörs	Mörser	howitzer
–	Armee	Army	m	mittler	medium
–	Armeeabteilung	Army-sized Command	MB	Militärbefehlshaber	Army Military Commander
AT	–	antitank	mcl	–	motorcycle
ATG	–	antitank gun	mcl w/sc	–	motorcycle with side car
ATR	–	antitank rifle	med	–	medium
Arko	Artillerie Kommandeur	Artillery Commander	MG	Maschinengewehr	machine gun
Battr	Batterie	Battery	mot	motorisiert	motorized
Befh	Befehlshaber	Commander	mot S	mot. Selbstfahrlafette	self-propelled carriage
–	Befehlshaber rückwärtiges Heeresgebiet	Commander of Army Group Rear Area	Nbl	Nebel	smoke
Btl, Batl	Bataillon	Battalion	Nbl W	Nebelwerfer	rocket launcher
Bb, Beob	Beobachtung	observation	NCO	–	Non-Commissioned Officer
Bn	–	Battalion	Ob.	Oberbefehlshaber	Commander-in-Chief
bo	bodenständig	static	Off	–	Officer
Brig	Brigade	Brigade	OKH	Oberkommando des Heeres	Army High Command
Bty	–	Battery	OKW	Oberkommando der Wehrmacht	Armed Forces High Command
Bulg	–	Bulgarian	ops	–	operations
cc	–	cross-country	(p)	polnisch	Polish
CE	–	Combat Engineer	Pak	Panzerabwehrkanone	antitank gun
Ch H Rüst	Chef Heeresrüstung und u. BdE	Chief of Army Equipment and Commander of the Reserve Army	Pi, Pion	Pionier	(Combat) Engineer
Co	–	Company	Plt	–	Platoon
Col	–	Column	Pol	Polizei	police
Det	–	Detachment	P.O.L.	–	petrol, oil, lubricants
Div	Division	Division	Prop	Propaganda	propaganda
EM	–	Enlisted Man	Pz, Panz	Panzer	tank, armor
Engr	–	Engineer	Pz-Bef	Panzerbefehlswagen	command tank
(f), (fr)	französisch	French	PzGren	Panzergrenadier	motorized infantry
F.A.D.	Feldausbildungsdivision	Field Training Division	PzGren (gp)	Panzergrenadier (gp)	armored infantry
FEB	Feldersatz-Bataillon	field replacement battalion	(r)	russisch	Russian
Fest.	Festung	Fortress	Recon	–	reconnaissance
FH	Feldhaubitze	field howitzer	Res	Reserve	reserve
FK	Feldkanone	field gun	RF-SS	Reichsführer-SS	Reichs Leader of the SS
Fla	Flugabwehr	anti-aircraft	Rgt	Regiment	Regiment
Flak	Flugabwehrkanone	anti-aircraft gun	RL	–	rocket launcher
Fkl	Funklenk	radio-controlled	RSO	Raupenschlepper Ost	fully-tracked load carrier
FL	Feuerleit	artillery fire control	Rum	–	Rumanian
Füs	Füsilier	Infantry	s, schw	schwer	heavy
Fs	Fallschirm-	Parachute / Airborne	Sch	Schallmess	sound ranging
G, Gesch	Geschütz	gun, cannon	Schn	Schnelle	mobile
Geb.	Gebirgs-	mountain	Sd	sonder	special
GHQ	–	General Headquarters	Sd Kfz	Sonder-Kraftfahrzeug	special military vehicle
GK	Gebirgskanone	mountain gun	Sec	–	Security
GSO	(Beamte)	Government Service Official	Sect	–	Section
gp, gep	gepanzert	armored	Sf	selbstfahr	self-propelled
Gr	Gruppe	Group / Force	Sfl	Selbstfahrlafette	self-propelled carriage
Gren	Grenadier	Infantry	Sich	Sicherheits-	security
H, Haub	Haubitze	(gun-) howitzer	Slov.	–	Slovakian
Harko	Höhere Artillerie Kommandeur	Higher Artillery Commander	SMG	–	sub machine gun
HMG	–	heavy machine gun	SP, SP'd	–	self-propelled
Hqs	–	headquarters	SPW	Schützenpanzerwagen	armored personnel carrier
hvy	–	heavy	Sdq	–	Squad
–	Hun.	Hungarian	Sqdn	–	Squadron
IG	Infanterie-Geschütze	infantry gun	SS	Waffen-SS	Nazi Party military arm
I, Inf	Infanterie	Infantry	ss, sw	schwerste	super heavy
–	Ital.	Italian	St, Stb	Stab	headquarters
Jg	Jäger-	Light Infantry	–	Sturm-	assault
K, Kan	Kanone	gun	StuGesch	Sturmgeschütz	assault gun (SP'd)
Kdo	Kommando	command	StuHaub	Sturmhaubitze	assault howitzer (SP'd)
KK	Kettenkrad	0.5-ton halftrack (aka: halftracked motorcycle)	StuPz	Sturmpanzer	assault tank (armored heavy IG)
kl	klein	small, light	(t)	tschechisch	Czechoslovakian
Kol	Kolonne	Column	tele	–	Telephone
Kp	Kompanie	Company	VW	Volkswagen	light cross-country car
KStN	Kriegstärkenachweisung	Table of Organization	Versorg	Versorgungs-	support
kz	kurz	short	w/	–	with
l, le, lei	leicht	light	w/o	–	without
LG	Leichtgeschütz	recoilless gun	WB	Wehrmachtsbefehlshaber	Armed Forces Military Commander
			Wfr	Werfer	(rocket-, grenade-) launcher
			WK	Wehrkreis	Military District
			zbV	zur besonderer Verwendung	for special (purposes / use)
			Zug	–	Platoon or railroad train

ORDER OF BATTLE

ARMY GROUP NORTH 18. Pz-Gr. Div. 223. Inf. Div. 388. F.A.D.	16. Armee II. Korps	331. Inf. Div. 12. Inf. Div. 218. Inf. Div. 123. Inf. Div. 93. Inf. Div.	ARMY GROUP A 13. Pz. Div.	Befh. der Krim	<i>Rum. Mountain Corps</i>	<i>Rum. 4 Mm. Div.</i> <i>Rum. 2 Mm. Div.</i>	ARMY GROUP D (Ob. West)	WB Niederlande	LXXXVIII. Korps	346. Inf. Div. 16. Lw.Feld-Div. 719. Inf. Div.							
		Gruppe Höhe (VIII)			21. Lw.Feld-Div. 122. Inf. Div. 32. Inf. Div.	Kommando Auleb			153. F.A.D. <i>Slov. Mobile Div.</i> 355. Inf. Div. 381. F.A.D.	21. Pz. Div. 26. Pz. Div. 20. Brig. 30. Brig. 264. Inf. Div. 376. Inf. Div. 189. Res. Div. 159. Res. Div. 157. Res. Div. 165. Res. Div. 182. Res. Div. 148. Res. Div. 325. Stch. Div.	15. Armee	LXXXIX. Korps	19. Lw.Feld-Div. 712. Inf. Div. 171. Res. Div.				
		X. Korps			5. Jg. Div. 30. Inf. Div. 8. Jg. Div. 126. Inf. Div. 329. Inf. Div.	Befh. Straße Kertsch			5. Lw.Feld-Div.	44. Inf. Div. 65. Inf. Div. 305. Inf. Div. 24. Pz. Div. 9. SS-Div.	LXXII. Korps	18. Lw.Feld-Div. 156. Res. Div. 191. Res. Div.					
	18. Armee 121. Inf. Div. 28. Jg. Div.	XXXVIII. Korps		1. Lw.Feld-Div. 717. Inf. Div. SS Lett. Brig.	ARMY GROUP CENTER Gr. Eisebeck 4. Pz. Div. 12. Pz. Div. 10. Pz-Gr. Div.	17. Armee		Gruppe Almendinger	<i>Rum. 9 Cav. Div.</i> <i>Rum. 19 Inf. Div.</i> <i>Rum. 6 Cav. Div.</i> 4. Geb. Div. <i>Rum. 1 Mm. Div.</i> 73. Inf. Div. 9. Inf. Div.	ARMY GROUP E (Ob. Südost) Div. Rhodos	7. Armee	LXXXIV. Korps	716. Inf. Div. 709. Inf. Div. 319. Inf. Div.				
		I. Korps		13. Lw.Feld-Div. 227. Inf. Div.				XXXIV. Korps	97. Jg. Div. 70. Inf. Div. 101. Jg. Div. <i>Rum. 19 Inf. Div.</i> 79. Inf. Div. <i>Rum. 10 Inf. Div.</i> 98. Inf. Div. 125. Inf. Div.			LXXXVII. Korps	346. Inf. Div. 343. Inf. Div.				
		XXVII. Korps		96. Inf. Div. 61. Inf. Div. 81. Inf. Div. 12. Lw.Feld-Div. 225. Inf. Div. 132. Inf. Div.				XXXIX. Gebirgs-Korps	370. Inf. Div. 50. Inf. Div. 125. Inf. Div. <i>Rum. 3 Mm. Div.</i>			XXV. Korps	348. Inf. Div.				
		XXXVI. Korps		212. Inf. Div. 1. Inf. Div. 11. Inf. Div. 69. Inf. Div. 290. Inf. Div. 23. Inf. Div. 5. Geb. Div.				Befehlshaber rückwärtiges Heeresgebiet A				I. Armee	LXXX. Korps	158. Res. Div. 708. Inf. Div.			
		LIV. Korps		21. Inf. Div. 24. Inf. Div. 254. Inf. Div. SS Polizei-Div. 58. Inf. Div.				2. Armee	VII. Korps			68. Inf. Div. 75. Inf. Div. 26. Inf. Div. 323. Inf. Div. 88. Inf. Div.	LXXVII. Res. Pz. Korps LXXVII. Res. Korps LXXVI. Res. Korps LXIV. Korps IV. Lw. Feld-Korps	LXXX. Korps	334. Inf. Div. 14. Pz. Div. 10. SS-Div.	LXXXVI. Korps	344. Inf. Div.
		L. Korps		250. Inf. Div. 170. Inf. Div. 215. Inf. Div.					VIII. Korps			327. Inf. Div. 340. Inf. Div. 377. Inf. Div. 82. Inf. Div.	ARMY GROUP E (Ob. Südost) Div. Rhodos	LXXXIII. Korps	326. Inf. Div. 388. Inf. Div. 356. Inf. Div. 715. Inf. Div.	FHH Gren. Div.	100. Jg. Div. 114. Jg. Div. 118. Jg. Div. SS Eugen Div. 369. Inf. Div. 373. Inf. Div. 187. Res. Div.
	III. Lw. Feldkorps	9. Lw.Feld-Div. 10. Lw.Feld-Div.		9. Armee	XX. Korps	251. Inf. Div. 45. Inf. Div. 137. Inf. Div. 72. Inf. Div.			Befh. Kroatien	297. Inf. Div. <i>Bulg. 7 Inf. Div.</i> <i>Bulg. 9 Inf. Div.</i> <i>Bulg. 21 Inf. Div.</i>							
Befehlshaber rückwärtiges Heeresgebiet Nord		207. Sich. Div. 281. Sich. Div. 285. Sich. Div.	XXXXVI. Pz. Korps	102. Inf. Div. 258. Inf. Div. Gr. Manteuffel 7. Inf. Div. 31. Inf. Div.	Befh. Serbien	1. Geb. Div.											
ARMY GROUP SOUTH Rum 24 Inf. Div. 16. Pz-Gr. Div.	6. Armee	XXIX. Korps	111. Inf. Div. 15. Lw.Feld-Div. 17. Inf. Div. 336. Inf. Div.	XXXXVII. Pz. Korps	20. Pz. Div. 2. Pz. Div. 6. Inf. Div. 9. Pz. Div.	Befh. Saloniki-Ägäis	1. Geb. Div.										
		XVII. Korps	294. Inf. Div. 306. Inf. Div. 302. Inf. Div.	XXXXI. Pz. Korps	18. Pz. Div. 292. Inf. Div. 86. Inf. Div.	Befh. Süd-griechenland	11. Lw.Feld-Div. 104. Jg. Div.										
		Gruppe Mieth (IV.)	304. Inf. Div. 3. Geb. Div. 335. Inf. Div.	XXXIII. Korps	78. Sturm-Div. 216. Inf. Div. 383. Inf. Div.	LXXVIII. Korps	1. Pz. Div. 117. Jg. Div.										
	1. Panzer-Armee	XXX. Korps	62. Inf. Div. 38. Inf. Div. 287. Inf. Div.	2. Panzer-Armee 112. Inf. Div. 707. Inf. Div.	XXXXV. Korps	299. Inf. Div. 56. Inf. Div. 262. Inf. Div. 34. Inf. Div.	Festung Kreta	Fest. Brig. Kreta 22. Inf. Div. (LL) <i>Ital. Sienna Div.</i>									
		XXXX. Pz. Korps	333. Inf. Div. 46. Inf. Div. 257. Inf. Div.		LIII. Korps	208. Inf. Div. 25. Pz-Gr. Div. 211. Inf. Div. 293. Inf. Div.	XIV. Pz. Korps	Lw. HG Pz. Div. 16. Pz. Div. 29. Pz-Gr. Div. Brig. RF-SS 15. Pz. Div. 90. Pz-Gr. Div. 3. Pz-Gr. Div.									
		LVII. Pz. Korps	15. Inf. Div. 198. Inf. Div. 328. Inf. Div.		LV. Korps	134. Inf. Div. 110. Inf. Div. 296. Inf. Div. 339. Inf. Div.	Ob. Süd (Commando Supremo)	XVIII. Geb. Korps	SS Nord Div. 7. Geb. Div. 18. Geb. Pol. Rgt.								
		XXIV. Pz. Korps	23. Pz. Div. 17. Pz. Div. SS W-Div.		4. Armee 183. Inf. Div. 253. Inf. Div.	LXI. Pz. Korps		131. Inf. Div. 14. Inf. Div. 321. Inf. Div.	XXXVI. Geb. Korps	169. Inf. Div. 163. Inf. Div.							
	Armeearbeitung Kampf	XXXXII. Korps	161. Inf. Div. 39. Inf. Div. 282. Inf. Div.	XII. Korps		267. Inf. Div. 260. Inf. Div. 268. Inf. Div.		XIX. Geb. Korps	2. Geb. Div. 388. Gren. Rgt. 6. Geb. Div. 139. Geb. Jg. Rgt. 210. Inf. Div. 503. Lw. Feld-Rgt. 193. Gren. Rgt.								
		Gruppe Raus (XI)	320. Inf. Div. 106. Inf. Div.	IX. Korps		342. Inf. Div. 252. Inf. Div. 35. Inf. Div.		Norwegen Armee (WB Norwegen)	LXXI. Korps	230. Inf. Div. 270. Inf. Div. 199. Inf. Div.							
	4. Panzer-Armee	II. SS-Pz. Korps	SS T-Div. SS DR-Div. LSS AH-Div.	3. Panzer-Armee		XXXIX. Pz. Korps	337. Inf. Div. 95. Inf. Div. 129. Inf. Div.	XXXIII. Korps	14. Lw.Feld-Div. 702. Inf. Div. 181. Inf. Div.								
XXXXVIII. Pz. Korps		167. Inf. Div. 11. Pz. Div. 3. Pz. Div. GD Pz-Gr. Div.	XXVII. Korps		246. Inf. Div. 197. Inf. Div. 256. Inf. Div. 52. Inf. Div.	LXX. Korps	269. Inf. Div. 280. Inf. Div. 214. Inf. Div. 710. Inf. Div.										
LII. Korps		332. Inf. Div. 255. Inf. Div. 57. Inf. Div.	VI. Korps		206. Inf. Div. 330. Inf. Div. 87. Inf. Div.	Befh. Dänemark	416. Inf. Div. 71. Inf. Div. 20. Lw.Feld-Div.										
Befehlshaber rückwärtiges Heeresgebiet Süd		213. Sich. Div. 454. Sich. Div. 444. Sich. Div.	Befehlshaber rückwärtiges Heeresgebiet Mitte		286. Sich. Div. 221. Sich. Div. 203. Sich. Div.	III. SS-Pz. Korps	265. Inf. Div. 266. Inf. Div. 295. Inf. Div.										
20. Geb. Armee	WB Ukraine	LXXII. Res. Kdo.	II. Lw. Feldkorps	4. Lw.Feld-Div. 3. Lw.Feld-Div. 6. Lw.Feld-Div. 2. Lw.Feld-Div.	20. Pz-Gr. Div. 205. Inf. Div.	VIIth Hungarian Corps	Hun. 18 Lt. Div. Hun. 21 Lt. Div. Hun. 24 Lt. Div. Hun. 25 Lt. Div.										
		LXXI. Res. Kdo.	LIX. Korps	263. Inf. Div. 291. Inf. Div.		VIIIth Hungarian Corps	Hun. 2 Lt. Div. Hun. 5 Lt. Div. Hun. 8 Lt. Div. Hun. 201 Lt. Div.										
		LXX. Korps	XXXXIII. Korps	20. Pz-Gr. Div. 205. Inf. Div.		Chef H Rüst u. BdE	143. Res. Div. 147. Res. Div.										
		LXXI. Res. Kdo.	XXXXIII. Korps	20. Pz-Gr. Div. 205. Inf. Div.		WB Ostland	141. Res. Div. 151. Res. Div.										

OBERKOMMANDO HEERESGRUPPE
Army Group Headquarters

**KStN 9**

1.02.1943

Army Group Headquarters

Army Group Commander & Chief of Staff
 Army Group Headquarters
 Weapon Staff Officers
 Staff Officer for Artillery
 Engineer General Officer
 Army Group Chief of Signals
 Adjutant (*Ila*)
 Legal Advisor
 Field Bishops
 Main Records and Files Office
 Field Regulations Office
 Headquarters Commandant (*H.Qu.*)
 Office of the Commandant
 Paymaster General (*IVz*)
 Commissary Officer
 Army Group Motor Pool

KStN 9a

1.09.1942

Administrative Department, Army Group

Deputy Chief of Staff (*O.Qu.*)
 Office for Weapons, Ammunition, and Equipment
 Office of the Intendant (*IVa*)
 Army Group Physician (*IVb*)
 Army Group Veterinary (*IVc*)
 Army Group Motor Vehicles Officer
 Army Group Field Post Office

KStN 2072

1.01.1943

Motorized Army Map Detachment

Det: 2 mcl; 2 cars (1); 1 bus (light/15 seats); 2 vans (medium); 1 trailer (generator).

KStN 2070 *)

1.04.1942

Motorized Army Map Depot

Depot: 1 car (light); 6 vans (medium); 3 trucks (heavy 6½-tons); 3 trailers (3 – 5-ton).

KStN 80 *)

1.04.1943

Commander, Army Group Rear Area (RHG)

Headquarters
 Quartermaster
 Intelligence
 Adjutant: 6 mcl; 6 mcl w/sc; 2 cars (light); 1 car (medium); 1 truck (light); 1 bicycle.

NOTES:

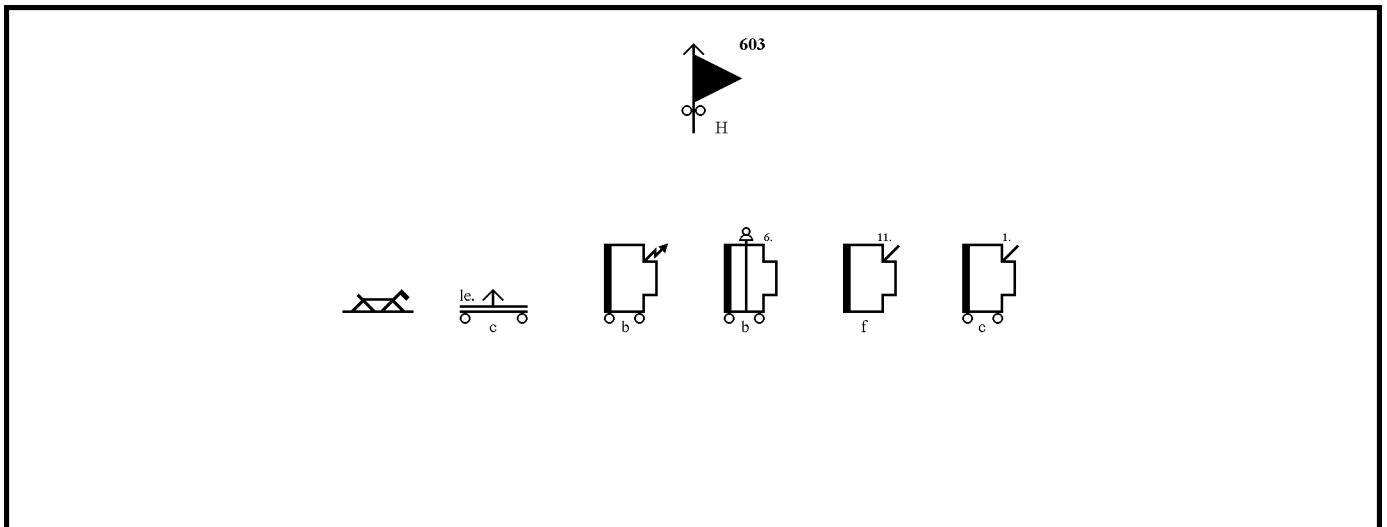
Notes at the end of the two Army Group KStN indicated that they were not binding for the internal administrative organization of the headquarters.

Command	Commanding Officer	Map	Signal	Commander Rear Area
Army Group North	Gen.Feldm. George von Küchler	524 Detachment	639. Rgt.	Nord
Army Group Center	Gen.Feldm. Günther von Kluge	530 Detachment	537. Rgt.	Mitte
Army Group South	Gen.Feldm. Erich von Manstein	532 Detachment	558. Rgt.	Süd
Army Group A	Gen.Feldm. Ewald von Kleist	542 Depot	530. Rgt.	A
Army Group D ¹⁾	Gen.Feldm. Gerd von Rundstedt	–	603. Abt.	–
Army Group E ²⁾	Gen.Obst. Alexander Löhr	510 Detachment	521. Rgt	–

[1] Army Group D was also Commander-in-Chief West (*Oberbefehlshaber West*).

[2] Army Group E was also Commander-in-Chief South East (*Oberbefehlshaber Südost*).

ARMEEGRUPPE-NACHRICHTEN-ABTEILUNG(motorisiert) 603
603rd Motorized Signal Battalion, Army Group

**KStN 804 *)**

1.03.1943

Headquarters, Army Motorized Signal Battalion

Bn Hqs: 1 mcl w/sc; 3 cars (light); 1 car (15); 2 trucks (medium); 1 truck (heavy).
 Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 1 truck (medium); 1 van (42); 1 trailer (generator - 7,5kVA 220/380V).

KStN 851c *)

1.03.1942

Motorized Army Telephone Operations Company "c"

Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (light).
 1st Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
 2 Army Long Distance Tele Ops Det: 1 van (heavy); 1 truck (heavy).
 2 Heavy Tele Ops Sect 80: 2 telephone operations vans
 3 Tele Signal Amplifier Sect 3: 1 telephone amplifier van 3.
 2nd Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
 Telex Det: 4 trucks (medium); 1 telex van; 2 trailers (generator - A); 4 trailers (generator - F).
 2 Telex Connection Sect: 1 van (2-ton).
 3rd Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
 1 Lt Tele Maint Sect: 1 car (light).
 2 Med Tele Maint Sect: 1 truck (2-ton).
 2 Tele Field Cable Sect 12: 1 truck (medium).
 2 Med Tele Cable Calibration Sect: 1 medium calibration van.
 2 Med Carrier Wave Sect: 1 van (2-ton).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 5 trucks (medium); 2 vans (42); 1 trailer (generator - *Sd.Ah.* 23).

KStN 854 *)

1.03.1942

Telephone Operations Company "F"

Co Hqs: 1 mcl w/sc; 2 cars (light); 1 LMG.
 Tele Ops Personnel Det: (#3 - 0 - 25 - 131); 3 cars (light); 3 LMG.
 6 Tele Maint Sect: 2 bicycles.
 Co Trains: 4 trucks (medium); 1 truck (heavy).

KStN 837 *)

1.03.1942

Motorized Army Telephone Cable Company "c"

Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (light); 1 LMG.
 2 Plt: Hqs Sect: 2 car (light); 3 trucks (heavy); 1 trailer (generator - *Sd.Ah.* 23); 2 LMG.
 1 Lt Tele Maint Sect: 1 car (light).
 5 Tele Cable Sect: 1 truck (3-ton).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 4 trucks (medium); 2 trucks (heavy); 2 trailers (telephone pole - *Sd.Ah.* 21); 1 LMG.

KStN 861 *)

1.06.1942

Motorized Army Radio Company "c"

Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (light).
 1st Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
 1 Radio Telex (Short Wave) Sect 1000 *Kzw*: 1 radio van (1000 *kzw*); 1 telex van; 1 truck (3-ton);
 1 trailer (generator - A); 1 trailer (generator - F).
 1 Hvy Radio (Short Wave) Sect 1000 *Kzw*: 1 radio van (1000 *kzw*); 2 radio receiver vans; 1 trailer (generator - A).
 1 Hvy Radio (Long Wave) Sect 1500 *Lw*: 1 radio van (1500 *Lw*); 1 radio receiver van; 1 mast antenna van; 1 trailer (generator - A).
 2nd Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
 2 Med Radio (Short Wave) Sect 200 *Kzw*: 1 radio van (200 *Kzw*).
 7 Med Radio (Short Wave) Sect 100 *Mw*: 1 van (2-ton).
 3rd Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
 1 Med Radio (Short Wave) Sect 15 *Kzw*: 1 van (2-ton).
 1 Med Air Liaison Radio (Ultra Short Wave) Sect 20 *Ukw*: 1 van (2-ton).
 1 Code Sect: 1 truck (3-ton).
 Personnel for radio receiver operation: 1 van (3-ton).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 1 truck (medium); 2 vans (medium); 2 vans (42); 1 truck (heavy); 1 trailer (generator - *Sd.Ah.* 23).

KStN 873

1.03.1942

Motorized Army Light Signal Transport Column "c"

Col: 1 mcl w/sc; 1 car (light); 1 truck (light); 5 trucks (heavy); 2 vans (42); 5 wheeled tractors;
 10 trailers (telephone pole - *Sd.Ah.* 21); 1 trailer (generator - *Sd.Ah.* 23); 1 LMG

KStN 993

1.12.1942

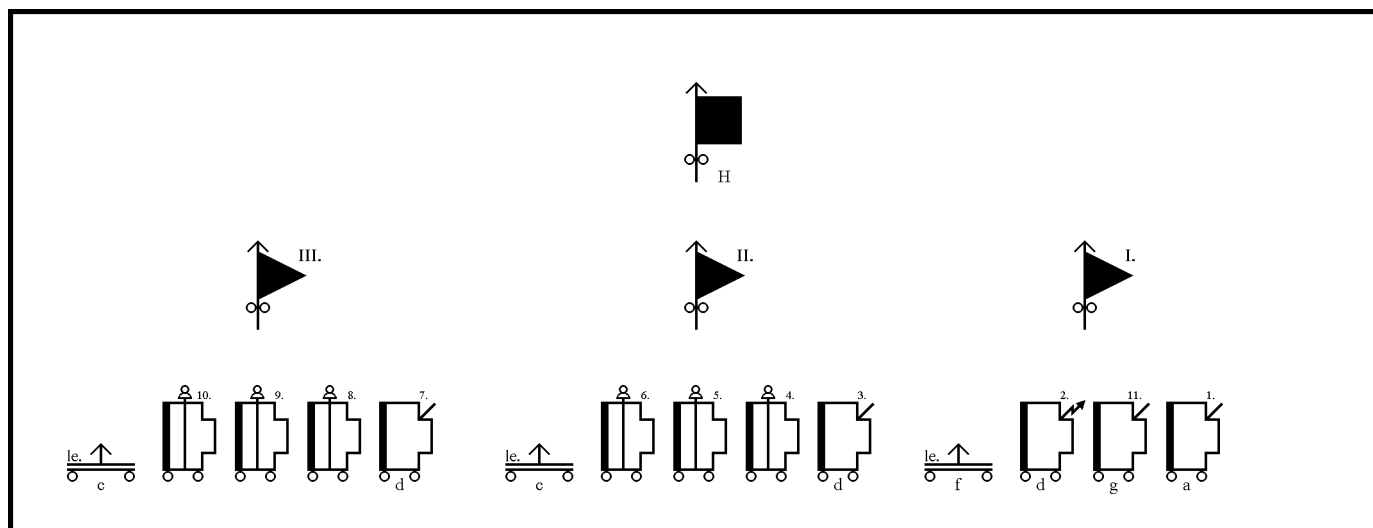
Field Dog Detachment

Det: (# 2 - 0 - 4 - 37 + 50 dogs): 30 bicycles; 1 car (light); 1 truck (light).

NOTES:

This organization applied only to the 603rd Signal Battalion (Army Group D).

ARMEEGRUPPE-NACHRICHTEN-REGIMENT (motorisiert)
Motorized Signal Regiment, Army Group



KStN 802 *)
1.03.1943

Headquarters, Army Motorized Signal Regiment

Rgt Hqs: 1 mcl w/sc; 4 cars (light); 2 trucks (medium); 1 truck (heavy).
 Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 1 truck (medium); 1 van (42); 1 trailer (generator - 7,5kVA 220/380V).

KStN 804 *)
1.03.1943

Headquarters, Army Motorized Signal Battalion

Bn Hqs: 1 mcl w/sc; 3 cars (light); 1 car (15); 2 trucks (medium); 1 truck (heavy).
 Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 1 truck (medium); 1 van (42); 1 trailer (generator - 7,5kVA 220/380V).

KStN 851a
1.03.1943

Motorized Army Group Heavy Telephone Operations Company

Co Hqs: 2 mcl; 1 mcl w/sc; 2 car (light).
 1st Plt: Hqs Sect: 1 car (light); 1 LMG.
 Army Group Long Distance Tele Ops Det: 2 trucks (heavy); 4 vans (heavy).
 1 Heavy Tele Ops Sect 80: 2 telephone operations vans.
 1 Med Tele Signal Amplifier Sect 9: 1 telephone amplifier van.
 2nd Plt: Hqs Sect: 1 car (light); 1 LMG.
 Telex Ops Det: 4 trucks (medium); 2 vans (medium); 2 vans (42); 2 trucks (heavy); 4 trailers (generator - A); 4 trailers (generator - F).
 3rd Plt: Hqs Sect: 1 car (light); 1 LMG.
 1 Lt Tele Maint Sect: 1 car (light).
 2 Med Tele Maint Sect: 1 truck (2-ton).
 2 Tele Field Cable Sect 12: 1 truck (medium).
 2 Med Carrier Wave Sect: 1 van (2-ton).
 2 Med Tele Cable Calibration Sect: 1 medium calibration van.
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 4 trucks (medium); 2 trucks (heavy); 1 trailer (generator - *Sd.Ah.* 23).

KStN 854a *)
1.12.1943

Motorized Army Group Heavy Telephone Operations Company

Co Hqs: 2 mcl; 1 mcl w/sc; 2 car (light).
 1st Plt: Hqs Sect: 1 car (light); 1 LMG.
 Long Distance Army Group Tele Ops Det: 2 trucks (heavy); 4 vans (heavy).
 2nd Plt: Hqs Sect: 1 car (light); 1 LMG.
 Telex Det: 1 truck (medium); 2 telex vans; 2 trucks (heavy); 2 trailers (generator - A); 2 trailers (generator - F).
 3rd Plt: Hqs Sect: 1 car (light); 1 LMG.
 1 Lt Tele Maint Sect: 1 car (light).
 2 Med Tele Maint Sect: 1 truck (2-ton).
 2 Tele Field Cable Sect 12: 1 truck (medium).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 6 trucks (medium); 1 trailer (generator - *Sd.Ah.* 23).

KStN 942 *)
1.12.1942

Motorized Army Group Radio Company

Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (light).
 1st Plt: Hqs Sect: 1 car (light); 1 LMG.
 Radio Telex (Short Wave) Sect 800 *KzW*: 1 radio van (*KzW* 800); 1 telex van; 1 truck (3-ton); 1 truck (4.5-ton);
 1 trailer (direction finder - *Sd.Ah.* 28); 1 trailer (generator - A); 1 trailer (generator - F).
 Coding Sect: 1 truck (3-ton).
 Personnel for radio receiver operation: 2 trucks (medium).
 2nd Plt: Hqs Sect: 1 car (light); 1 LMG.
 1 Hvy Radio (Long Wave) Sect 1500 *Lw*: 1 radio van (1500 *Lw*); 1 radio receiver van; 1 mast antenna van; 1 trailer (generator - A).
 2 Hvy Radio (Short Wave) Sect 1000 *KzW*: 1 radio van (1000 *kzW*); 2 radio receiver vans; 1 trailer (generator - A).
 3rd Plt: Hqs Sect: 1 car (light); 1 LMG.
 7 Med Radio (Medium Wave) Sect 100 *Mw*: 1 van (2-ton).
 2 Med Radio (Short Wave) Sect 15 *KzW*: 1 van (2-ton).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 4 trucks (medium); 1 van (42); 1 truck (heavy); 1 trailer (generator - *Sd.Ah.* 23).

KStN 876
1.03.1942

Motorized Army Light Signal Transport Column "F"

Col: 1 mcl w/sc; 1 car (light); 1 truck (light); 1 truck (light); 3 trucks (medium); 2 vans (42); 1 wheeled tractor;
 2 trailers (telephone pole - *Sd.Ah.* 21); 1 trailer (generator - *Sd.Ah.* 23); 1 LMG.

ARMEEGRUPPE-NACHRICHTEN-REGIMENT (motorisiert)
Motorized Signal Regiment, Army Group

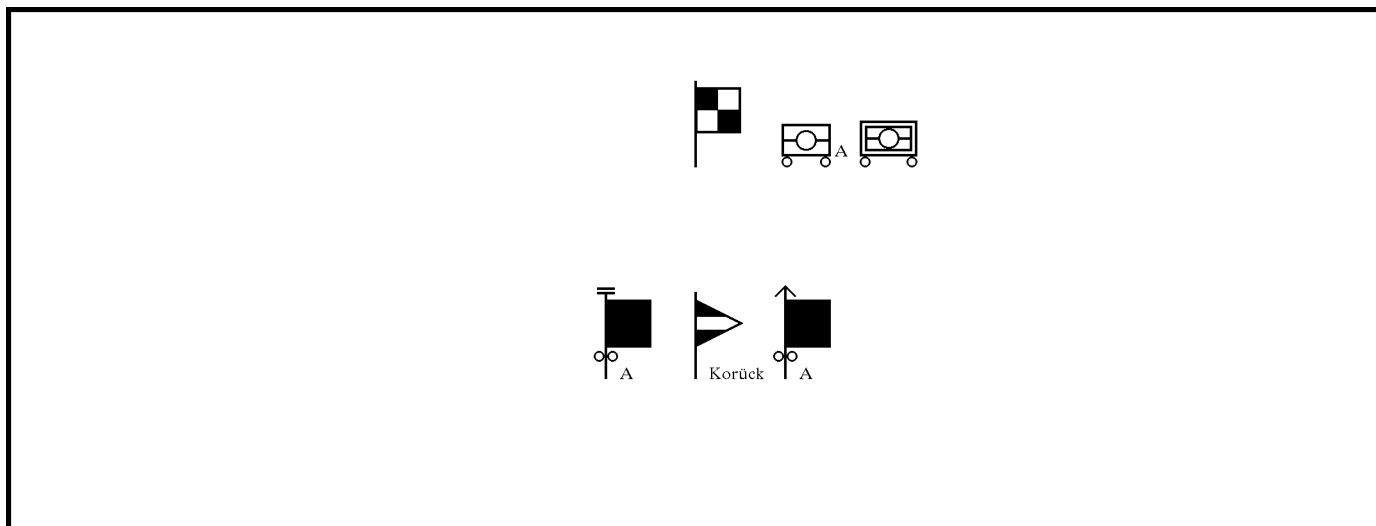
- KStN 804 *)**
 1.03.1943 **Headquarters, Army Motorized Signal Battalion**
 Bn Hqs: 1 mcl w/sc; 3 cars (light); 1 car (15); 2 trucks (medium); 1 truck (heavy).
 Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 1 truck (medium); 1 van (42); 1 trailer (generator - 7,5kVA 220/380V).
- KStN 852 *)**
 1.03.1942 **Motorized Army Telephone Operations Company "d"**
 Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (light); 1 truck (light).
 1st Plt: Hqs Sect: 1 car (light); 1 LMG.
 3 Heavy Tele Ops Sect 80: 2 telephone operations vans
 2nd Plt: Hqs Sect: 1 car (light); 1 LMG.
 5 Lt Tele Ops Sect 20: 1 van (2-ton).
 3rd Plt: Hqs Sect: 1 car (light); 1 LMG.
 1 Tele Field Cable Sect 12: 1 truck (medium).
 2 Tele Signal Amplifier Sect 3: 1 telephone amplifier van 3.
 3 Med Tele Maint Sect: 1 truck (2-ton).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 5 trucks (medium); ; 1 trailer (generator - *Sd.Ah.* 23).
- KStN 837 *)**
 1.03.1942 **Motorized Army Telephone Wire Company "c"**
 Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (light); 1 LMG.
 2 Plt: Hqs Sect: 2 car (light); 2 trucks (heavy); 1 *Maultier* (3); 1 trailer (generator - *Sd.Ah.* 23); 2 LMG.
 1 Lt Tele Maint Sect: 1 car (light).
 5 Tele Cable Sect: 1 truck (3-ton).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 4 trucks (medium); 2 trucks (heavy); 2 trailers (telephone pole - *Sd.Ah.* 21); 1 LMG.
- KStN 873**
 1.03.1942 **Motorized Army Light Signal Transport Column "c"**
 Col: 1 mcl w/sc; 1 car (light); 1 truck (light); 5 trucks (heavy); 2 vans (42); 5 wheeled tractors;
 10 trailers (telephone pole - *Sd.Ah.* 21); 1 trailer (generator - *Sd.Ah.* 23); 1 LMG

NOTES:

This organization applied to 639th Army Group Signal Regiment (Army Group North), 537th Army Group Signal Regiment (Army group Center), and 530th Army Group Signal Regiment (Army Group A), whereby the III./530 was detached to the 6th Army.

The signal units of Army Group South (558th Army Signal Regiment), and Army Group E (521st Army Signal Regiment), were standard Army type signal regiments (see there).

ARMEE-OBERKOMMANDO
Army Headquarters

**KStN 11 *)**

1.04.1943

Army Headquarters

Army Commander & Chief of Staff
 Army Headquarters
 Weapon Staff Officers
 Army Chief Engineer Officer
 Army Chief Signal Officer
 Staff Officer for Gas Protection
 Army Administrative Department
 Deputy Chief of Staff (*O.Qu.*)
 Staff Officer for Motor Vehicles (*A.O. Kraft*)
 Army Intendant (*IVa*)
 Army Physician (*IVb*)
 Army Veterinary (*IVc*)
 Army Postmaster General
 Office of the Adjutant
 Adjutant (*Ila*)
 Provost Marshal (*III*)
 Army Field Bishops (*IVd*)
 Main Records and Files Office
 Headquarters Commandant (*H.Qu.*)
 Office of the Commandant
 Paymaster General (*IVz*)
 Commissary Officer
 Army Motor Pool
 Headquarters Guards
 Field Post Censors

KStN 2072

1.01.1943

Motorized Army Map Detachment

Det: 2 mcl; 2 cars (1); 1 bus (light/15 seats); 2 vans (medium); 1 trailer (generator).

KStN 2070 *)

1.04.1942

Motorized Army Map Depot

Depot: 1 car (light); 6 vans (medium); 3 trucks (heavy 6½-ton); 3 trailers (3 – 5-ton).

KStN 1200 *)

1.03.1943

Headquarters, Motorized Army Supply Regiment

Rgt Hqs: 2 mcl; 2 mcl w/sc; 1 car (light); 3 cars (medium); 1 bus (light/15 seats); 1 truck (light).

KStN 81

1.11.1942

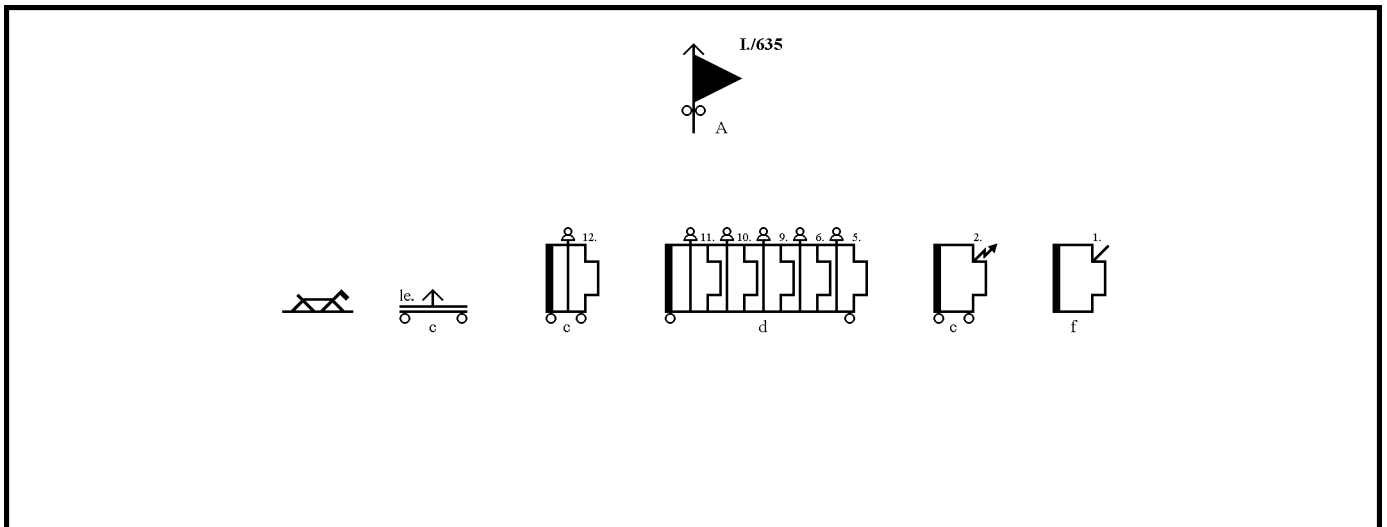
Commander, Army Rear Area (*Korück*)

Headquarters
 Quartermaster
 Intelligence
 Adjutant: 6 mcl; 6 mcl w/sc; 2 cars (light); 1 car (medium); 1 truck (light); 1 bicycle.

Command	Commanding Officer	Map Detachment	Map Depot	Army Supply Commander	Commander Rear Area	Army Signals
1st Army	Gen.Obst. Johannes Blaskowitz	518	[1]	512	–	512. Rgt.
2nd Army	Gen.Obst. Walter Weiss	540	548	501	580	563. Rgt.
4th Army	Gen.d.Inf. Gotthard Heinrici	570	571	571	559	589. Rgt.
6th Army	Gen.Obst. Karl Adolf Hollidt	560	–	541	593	549. Rgt.
7th Army	Gen.Obst. Friedrich Dollmann	550	[1]	575	–	531. Abt.
9th Army	Gen.Obst. Walter Model	600	572	531	582	511. Rgt.
15th Army	Gen.Obst. Heinrich von Vietinghoff	515	[1]	590	–	509. Abt.
16th Army	Gen.Felm. Ernst Busch	536	–	560	584	501. Rgt.
17th Army	Gen.Obst. Erwin Jaenicke	517	–	591	550	596. Rgt.
18th Army	Gen.Obst. Georg Lindemann	580	–	516	583	520. Rgt.
20th Army	Gen.Obst. Eduard Dietl	464	–	463	525	550. Rgt.
Norway Army	Gen.Obst. Nikolaus von Falkenhorst	463	–	?	–	I./635. Rgt.
Kempf Army	Gen.d.Pz.Tr. Werner Kempf	–	542	530	–	570. Rgt.

[1] These map depots are shown next to the three Armies under Heeresgruppe D in the Order of Battle charts, (i.e., *Kriegsgliederung*), but without numbers.

I./ARMEE-NACHRICHTEN-REGIMENT (motorisiert) 635
Ist Battalion/635th Motorized Signal Regiment

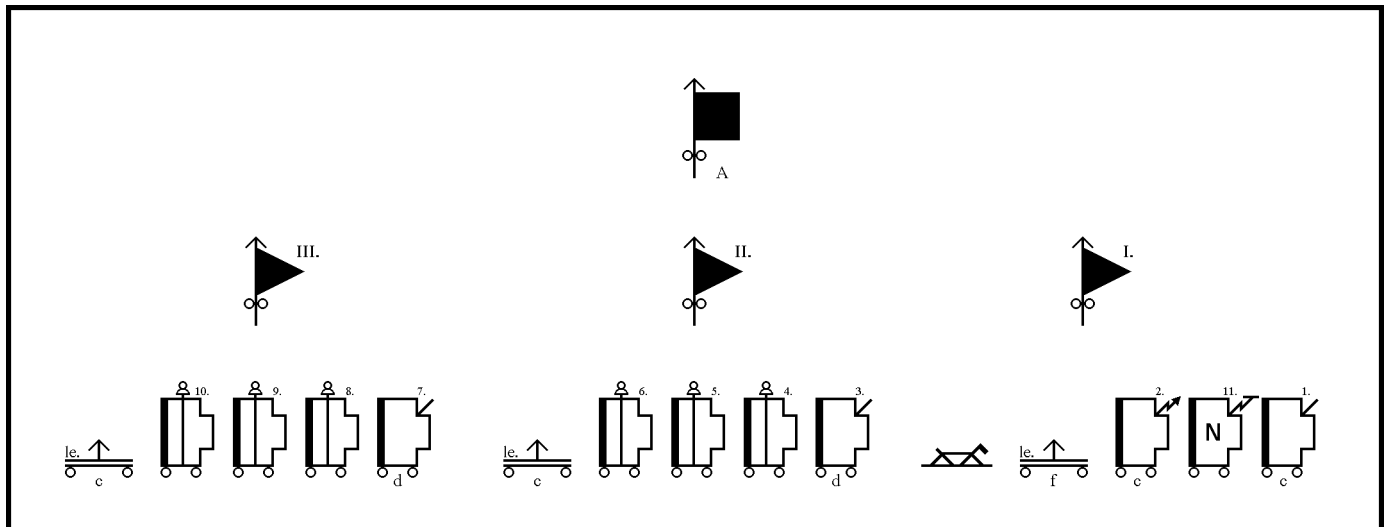


- KStN 804 *) Headquarters, Motorized Army Signal Battalion**
 1.03.1943
 Bn Hqs: 1 mcl w/sc; 3 cars (light); 1 car (15); 2 trucks (medium); 1 truck (heavy).
 Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 1 truck (medium); 1 van (42); 1 trailer (generator - 7,5kVA 220/380V).
- KStN 854 *) Telephone Operations Company "F"**
 1.03.1942
 Co Hqs: 1 mcl w/sc; 2 cars (light); 1 LMG.
 Tele Ops Personnel Det: (#3 - 0 - 25 - 131); 3 cars (light); 3 LMG.
 6 Tele Maint Sect: 2 bicycles.
 Co Trains: 4 trucks (medium); 1 truck (heavy).
- KStN 861 *) Motorized Army Radio Company "c"**
 1.06.1942
 Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (light).
 1st Plt: Hqs Sect: 1 car (light); 1 LMG.
 1 Radio Telex (Short Wave) Sect 1000 Kzw: 1 radio van (1000 kzw); 1 telex van; 1 truck (3-ton);
 1 trailer (generator - A); 1 trailer (generator - F).
 1 Hvy Radio (Short Wave) Sect 1000 Kzw: 1 radio van (1000 kzw); 2 radio receiver vans; 1 trailer (generator - A).
 1 Hvy Radio (Long Wave) Sect 1500 Lw: 1 radio van (1500 Lw); 1 radio receiver van; 1 mast antenna van; 1 trailer (generator - A).
 2nd Plt: Hqs Sect: 1 car (light); 1 LMG.
 2 Med Radio (Short Wave) Sect 200 Kzw: 1 radio van (200 Kzw).
 7 Med Radio (Short Wave) Sect 100 Mw: 1 van (2-ton).
 3rd Plt: Hqs Sect: 1 car (light); 1 LMG.
 1 Med Radio (Short Wave) Sect 15 Kzw: 1 van (2-ton).
 1 Med Air Liaison Radio (Ultra Short Wave) Sect 20 Ukw: 1 van (2-ton).
 1 Code Sect: 1 truck (3-ton).
 Personnel for radio receiver operation: 1 van (3-ton).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light-cc); 1 truck (medium); 4 vans (medium); 1 truck (heavy); 1 trailer (generator - Sd.Ah. 23).
- KStN 847 *) Motorized Telephone Maintenance Company "d"**
 1.12.1942
 Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (light); 1 LMG.
 3 Plt: Hqs Sect: 1 car (light); 1 van (42); 1 wheeled tractor (5-ton); 2 trailers (telephone pole - Sd.Ah. 21); 1 LMG.
 4 Tele Maint Sect: 1 car (light); 1 truck (medium).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light-cc); 4 trucks (medium).
- KStN 837 *) Motorized Army Telephone Wire Company "c"**
 1.03.1942
 Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (light); 1 LMG.
 2 Plt: Hqs Sect: 2 car (light); 2 trucks (heavy); 1 Maultier (3); 1 trailer (generator - Sd.Ah. 23); 2 LMG.
 1 Lt Tele Maint Sect: 1 car (light-cc).
 5 Tele Cable Sect: 1 truck (3-ton).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light-cc); 4 trucks (medium); 2 vans (42); 2 trailers (telephone pole - Sd.Ah. 21); 1 LMG.
- KStN 873 Motorized Army Light Signal Transport Column "c"**
 1.03.1942
 Col: 1 mcl w/sc; 1 car (light); 1 truck (light); 5 trucks (heavy); 2 vans (42); 5 wheeled tractors;
 10 trailers (telephone pole - Sd.Ah. 21); 1 trailer (generator - Sd.Ah. 23); 1 LMG
- KStN 993 Field Dog Detachment**
 1.12.1942
 Det: (# 2 - 0 - 4 - 37 + 50 dogs); 30 bicycles; 1 car (light); 1 truck (light).

NOTES:

The Ist Battalion/635th Motorized Signal Regiment was the signal unit for the Norway Army.

ARMEE-NACHRICHTEN-REGIMENT (motorisiert)
Motorized Signal Regiment, Army



- KStN 802 *) Headquarters, Motorized Army Signal Regiment**
 1.03.1943
 Rgt Hqs: 1 mcl w/sc; 4 cars (light); 2 trucks (medium); 1 truck (heavy).
 Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 1 truck (medium); 1 van (42); 1 trailer (generator - 7,5kVA 220/380V).
- KStN 804 *) Headquarters, Motorized Army Signal Battalion**
 1.03.1943
 Bn Hqs: 1 mcl w/sc; 3 cars (light); 1 car (medium-cc); 2 trucks (medium); 1 truck (heavy).
 Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 1 truck (medium); 1 van (42); 1 trailer (generator - 7,5kVA 220/380V).
- KStN 865a Motorized Interception Company (Short Range)**
 1.04.1942
 Co Hqs: Hqs Sect: 1 mcl w/sc; 1 car (15); 1 truck (medium); 1 trailer (3-ton, equipment); 2 LMG.
 Messenger Det: 11 mcl.
 1 Hvy Tele Sect *a*: 1 car (2); 1 van (23).
 1 Med Radio Sect *b*: 1 car (15); 1 van (17).
 1 Evaluation Det: 2 cars (15); 2 trucks (medium).
 3 Plt: Hqs Sect: 3 mcl; 3 cars (15); 1 LMG.
 Direction Finding Det: 1 car (15); 1 truck (medium).
 3 Short Range Radio Intelligence Sect: 2 cars (15).
 1 Lt Radio Sect *a*: 1 car (15); 1 van (17).
 1 Plt: Hqs Sect: 7 mcl; 2 cars (15); 1 LMG.
 6 Wire Intelligence Sect: 2 cars (15).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (15); 5 trucks (medium); 1 van (42); 1 trailer (generator - *Sd.Ah.* 23).
- KStN 851c *) Motorized Army Telephone Operations Company "c"**
 1.03.1942
 Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (light).
 1st Plt: Hqs Sect: 1 car (light); 1 LMG.
 2 Army Long Distance Tele Ops Det: 1 van (heavy); 1 truck (heavy).
 2 Heavy Tele Ops Sect 80: 2 telephone operations vans
 3 Tele Signal Amplifier Sect 3: 1 telephone amplifier van 3.
 2nd Plt: Hqs Sect: 1 car (light); 1 LMG.
 Telex Det: 4 trucks (medium); 1 telex van; 2 trailers (generator - *A*); 4 trailers (generator - *F*).
 2 Telex Connection Sect: 1 van (2-ton).
 3rd Plt: Hqs Sect: 1 car (light); 1 LMG.
 1 Lt Tele Maint Sect: 1 car (light).
 2 Med Tele Maint Sect: 1 truck (2-ton).
 2 Tele Field Cable Sect 12: 1 truck (medium).
 2 Med Tele Cable Calibration Sect: 1 medium calibration van.
 2 Med Carrier Wave Sect: 1 van (2-ton).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 5 trucks (medium); 2 trucks (heavy); 1 trailer (generator - *Sd.Ah.* 23).
- KStN 861 *) Motorized Army Radio Company "c"**
 1.06.1942
 Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (light).
 1st Plt: Hqs Sect: 1 car (light); 1 LMG.
 1 Radio Telex (Short Wave) Sect 1000 *Kzw*: 1 radio van (1000 *kzw*); 1 telex van; 1 truck (3-ton);
 1 trailer (generator - *A*); 1 trailer (generator - *F*).
 1 Hvy Radio (Short Wave) Sect 1000 *Kzw*: 1 radio van (1000 *kzw*); 2 radio receiver vans; 1 trailer (generator - *A*).
 1 Hvy Radio (Long Wave) Sect 1500 *Lw*: 1 radio van (1500 *Lw*); 1 radio receiver van; 1 mast antenna van; 1 trailer (generator - *A*).
 2nd Plt: Hqs Sect: 1 car (light); 1 LMG.
 2 Med Radio (Short Wave) Sect 200 *Kzw*: 1 radio van (200 *Kzw*).
 7 Med Radio (Short Wave) Sect 100 *Mw*: 1 van (2-ton).
 3rd Plt: Hqs Sect: 1 car (light); 1 LMG.
 1 Med Radio (Short Wave) Sect 15 *Kzw*: 1 van (2-ton).
 1 Med Air Liaison Radio (Ultra Short Wave) Sect 20 *Ukw*: 1 van (2-ton).
 1 Code Sect: 1 truck (3-ton).
 Personnel for radio receiver operation: 1 van (3-ton).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 1 truck (medium); 4 vans (medium); 1 truck (heavy); 1 trailer (generator - *Sd.Ah.* 23).
- KStN 873 Motorized Army Light Signal Transport Column "c"**
 1.03.1942
 Col: 1 mcl w/sc; 1 car (light); 1 truck (light); 5 trucks (heavy); 2 vans (42); 5 wheeled tractors;
 10 trailers (telephone pole - *Sd.Ah.* 21); 1 trailer (generator - *Sd.Ah.* 23); 1 LMG

ARMEE-NACHRICHTEN-REGIMENT (motorisiert)
Motorized Signal Regiment, Army

- KStN 804 *) Headquarters, Motorized Army Signal Battalion**
 1.03.1943 Bn Hqs: 1 mcl w/sc; 3 cars (light); 1 car (medium-cc); 2 trucks (medium); 1 truck (heavy).
 Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 1 truck (medium); 1 van (42); 1 trailer (generator - 7,5kVA 220/380V).
- KStN 852 *) Motorized Army Telephone Operations Company "d"**
 1.03.1942 Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (light); 1 truck (light).
 1st Plt: Hqs Sect: 1 car (light); 1 LMG.
 3 Heavy Tele Ops Sect 80: 2 telephone operations vans
 2nd Plt: Hqs Sect: 1 car (light); 1 LMG.
 5 Lt Tele Ops Sect 20: 1 van (2-ton).
 3rd Plt: Hqs Sect: 1 car (light); 1 LMG.
 1 Tele Field Cable Sect 12: 1 truck (medium).
 2 Tele Signal Amplifier Sect 3: 1 telephone amplifier van 3.
 3 Med Tele Maint Sect: 1 truck (2-ton).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 5 trucks (medium); 1 trailer (generator - *Sd.Ah.* 23).
- KStN 837 *) Motorized Army Telephone Wire Company "c"**
 1.03.1942 Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (light); 1 LMG.
 2 Plt: Hqs Sect: 2 car (light); 2 trucks (heavy); 1 *Maulrier* (3); 1 trailer (generator - *Sd.Ah.* 23); 2 LMG.
 1 Lt Tele Maint Sect: 1 car (light).
 5 Tele Cable Sect: 1 truck (3-ton).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 4 trucks (medium); 2 trucks (heavy); 2 trailers (telephone pole - *Sd.Ah.* 21); 1 LMG.
- KStN 876 Motorized Army Ligsht Signal Transport Column "f"**
 1.03.1942 Col: 1 mcl w/sc; 1 car (light); 1 truck (light); 1 truck (light); 3 trucks (medium); 2 vans (42); 1 wheeled tractor;
 2 trailers (telephone pole - *Sd.Ah.* 21); 1 trailer (generator - *Sd.Ah.* 23); 1 LMG.
- KStN 993 Field Dog Detachment (only when specifically authorized)**
 1.12.1942 Det: (# 2 - 0 - 4 - 37 + 50 dogs); 30 bicycles; 1 car (light); 1 truck (light).

NOTES:

The IIIrd Battalion/530th Army Signal Regiment (Army Group A) was detached to the 549th Army Group Signal Regiment (6th Army).

The 512th Army Signal Regiment (1st Army) had only two battalions, and these were organized slightly differently:

Ist Battalion:

- Headquarters, Signal Battalion (KStN 804)
- 1. Telephone Operations Company "c" (KStN 851c)
- 2. Telephone Operations Company "f" (KStN 854)
- 3. Telephone Cable Company "c" (KStN 837)
- 4. Radio Company "c" (KStN 861)
- Light Signal Transport Column "c" (KStN 873)

IInd Battalion

- Headquarters, Signal Battalion (KStN 804)
- 1. Telephone Cable Company "c" (KStN 837)
- 2. Telephone Cable Company "c" (KStN 837)
- 3. Radio Company "c" (KStN 861)

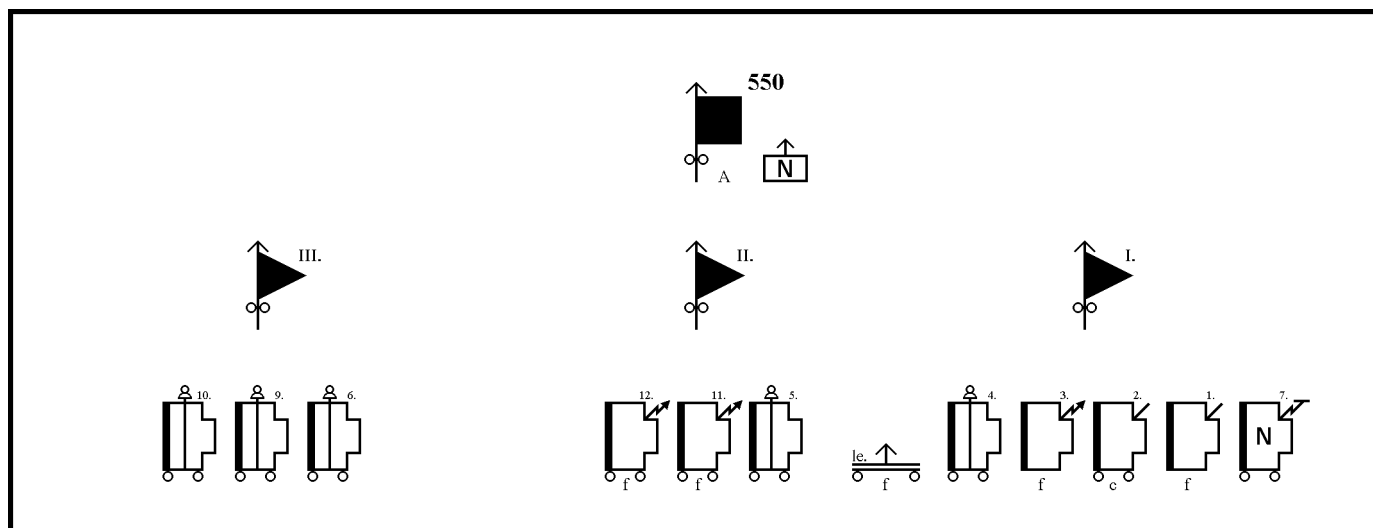
The 521st Signal Regiment was an **army group** (Army Group E) signal unit, and had a field dog detachment in its Ist Battalion.

The 558th Signal Regiment was an **army group** (Army Group South) signal unit.

The 509th Signal Battalion (15th Army) and the 531st Signal Battalion (7th Army) both had:

- Headquarters, Signal Battalion (KStN 804)
- 1. Telephone Operations Company "c" (KStN 851c)
- 2. Telephone Cable Company "c" (KStN 837)
- 3. Telephone Cable Company "c" (KStN 837)
- 4. Radio Company "c" (KStN 861)
- Light Signal Transport Column "c" (KStN 873)

ARMEE-NACHRICHTEN-REGIMENT (motorisiert) 550
550th Motorized Signal Regiment



- KStN 802 *) Headquarters, Motorized Army Signal Regiment**
 1.03.1943
 Rgt Hqs: 1 mcl w/sc; 4 cars (light); 2 trucks (medium); 1 truck (heavy).
 Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 1 truck (medium); 1 van (42); 1 trailer (generator - 7,5kVA 220/380V).
- KStN 880 Signal Commander**
 1.03.1942
 Commander: (#6 - 3 - 9 - 15); 1 bicycle; 1 mcl; 1 mcl w/sc; 1 car (medium); 1 car (15); 1 truck (medium); 1 motor bus (light / 15 seats).
 Plus (#26 - 0 - 135 - 200) German Post (DRP) employees.
- KStN 804 *) Headquarters, Motorized Army Signal Battalion**
 1.03.1943
 Bn Hqs: 1 mcl w/sc; 3 cars (light); 1 car (medium-cc); 2 trucks (medium); 1 truck (heavy).
 Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 1 truck (medium); 1 van (42); 1 trailer (generator - 7,5kVA 220/380V).
- KStN 865a Motorized Interception Company (Short Range)**
 1.04.1942
 Co Hqs: Hqs Sect: 1 mcl w/sc; 1 car (15); 1 truck (medium); 1 trailer (3-ton, equipment); 2 LMG.
 Messenger Det: 11 mcl.
 1 Hvy Tele Sect *a*: 1 car (2); 1 van (23).
 1 Med Radio Sect *b*: 1 car (15); 1 van (17).
 1 Evaluation Det: 2 cars (15); 2 trucks (medium).
 3 Plt: Hqs Sect: 3 mcl; 3 cars (15); 1 LMG.
 Direction Finding Det: 1 car (15); 1 truck (medium).
 3 Short Range Radio Intelligence Sect: 2 cars (15).
 1 Lt Radio Sect *a*: 1 car (15); 1 van (17).
 1 Plt: Hqs Sect: 7 mcl; 2 cars (15); 1 LMG.
 6 Wire Intelligence Sect: 2 cars (15).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (15); 5 trucks (medium); 1 van (42); 1 trailer (generator - *Sd.Ah.* 23).
- KStN 854 *) Telephone Operations Company "f"**
 1.03.1942
 Co Hqs: 1 mcl w/sc; 2 cars (light); 1 LMG.
 Tele Ops Personnel Det: (#3 - 0 - 25 - 131); 3 cars (light); 3 LMG.
 6 Tele Maint Sect: 2 bicycles.
 Co Trains: 4 trucks (medium); 1 truck (heavy).
- KStN 861 *) Motorized Army Radio Company "c"**
 1.06.1942
 Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (light).
 1st Plt: Hqs Sect: 1 car (light); 1 LMG.
 1 Radio Telex (Short Wave) Sect 1000 *KzW*: 1 radio van (1000 *kzW*); 1 telex van; 1 truck (3-ton);
 1 trailer (generator - *A*); 1 trailer (generator - *F*).
 1 Hvy Radio (Short Wave) Sect 1000 *KzW*: 1 radio van (1000 *kzW*); 2 radio receiver vans; 1 trailer (generator - *A*).
 1 Hvy Radio (Long Wave) Sect 1500 *Lw*: 1 radio van (1500 *Lw*); 1 radio receiver van; 1 mast antenna van; 1 trailer (generator - *A*).
 2nd Plt: Hqs Sect: 1 car (light); 1 LMG.
 2 Med Radio (Short Wave) Sect 200 *KzW*: 1 radio van (200 *KzW*).
 7 Med Radio (Short Wave) Sect 100 *Mw*: 1 van (2-ton).
 3rd Plt: Hqs Sect: 1 car (light); 1 LMG.
 1 Med Radio (Short Wave) Sect 15 *KzW*: 1 van (2-ton).
 1 Med Air Liaison Radio (Ultra Short Wave) Sect 20 *Ukw*: 1 van (2-ton).
 1 Code Sect: 1 truck (3-ton).
 Personnel for radio receiver operation: 1 van (3-ton).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 1 truck (medium); 4 vans (42); 1 truck (heavy); 1 trailer (generator - *Sd.Ah.* 23).
- KStN 837 *) Motorized Army Telephone Wire Company "c"**
 1.03.1942
 Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (light); 1 LMG.
 2 Plt: Hqs Sect: 2 car (light); 2 trucks (heavy); 1 *Maultier* (3); 1 trailer (generator - *Sd.Ah.* 23); 2 LMG.
 1 Lt Tele Maint Sect: 1 car (light).
 5 Tele Cable Sect: 1 truck (3-ton).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 4 trucks (medium); 2 trucks (heavy); 2 trailers (telephone pole - *Sd.Ah.* 21); 1 LMG.
- KStN 876 Motorized Army Light Signal Transport Column "f"**
 1.03.1942
 Col: 1 mcl w/sc; 1 car (light); 1 truck (light); 1 truck (light); 3 trucks (medium); 2 vans (42); 1 wheeled tractor;
 2 trailers (telephone pole - *Sd.Ah.* 21); 1 trailer (generator - *Sd.Ah.* 23); 1 LMG.

ARMEE-NACHRICHTEN-REGIMENT (motorisiert) 550
550th Motorized Signal Regiment

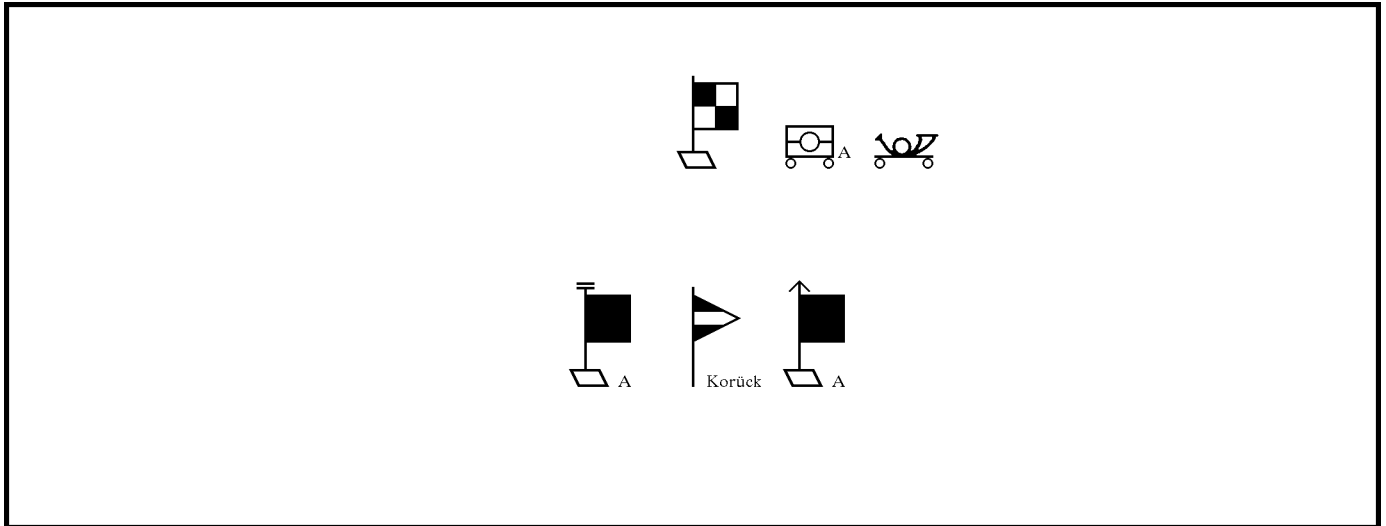
- KStN 804 *)**
 1.03.1943 **Headquarters, Motorized Army Signal Battalion**
 Bn Hqs: 1 mcl w/sc; 3 cars (light); 1 car (medium-cc); 2 trucks (medium); 1 truck (heavy).
 Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 1 truck (medium); 1 van (42); 1 trailer (generator - 7,5kVA 220/380V).
- KStN 837 *)**
 1.03.1942 **Motorized Army Telephone Wire Company "c"**
 Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (light); 1 LMG.
 2 Plt: Hqs Sect: 2 car (light); 2 trucks (heavy); 1 *Maultier* (3); 1 trailer (generator - *Sd.Ah.* 23); 2 LMG.
 1 Lt Tele Maint Sect: 1 car (light).
 5 Tele Cable Sect: 1 truck (3-ton).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 4 trucks (medium); 2 trucks (heavy); 2 trailers (telephone pole - *Sd.Ah.* 21); 1 LMG.
- KStN 944**
 1.03.1942 **Motorized Radio Company "f"**
 Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (15); 1 truck (light); 1 LMG.
 3 Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
 4 Lt Radio Sect f: 1 van (17).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 3 trucks (light); 1 van (42); 1 trailer (generator - *Sd.Ah.* 23).
- KStN 804 *)**
 1.03.1943 **Headquarters, Motorized Army Signal Battalion**
 Bn Hqs: 1 mcl w/sc; 3 cars (light); 1 car (medium-cc); 2 trucks (medium); 1 truck (heavy).
 Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 1 truck (medium); 1 van (medium); 1 trailer (generator - 7,5kVA 220/380V).
- KStN 837 *)**
 1.03.1942 **Motorized Army Telephone Wire Company "c"**
 Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (light); 1 LMG.
 2 Plt: Hqs Sect: 2 car (light); 2 trucks (heavy); 1 *Maultier* (3); 1 trailer (generator - *Sd.Ah.* 23); 2 LMG.
 1 Lt Tele Maint Sect: 1 car (light).
 5 Tele Cable Sect: 1 truck (3-ton).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 4 trucks (medium); 2 trucks (heavy); 2 trailers (telephone pole - *Sd.Ah.* 21); 1 LMG.

NOTES:

The 550th Motorized Signal Regiment was the signal unit for the 20th Mountain Army.

The Telephone Operations Company "f" was a non-motorized unit, used to man existing telephone facilities.

PANZERARMEE-OBERKOMMANDO
Panzer Army Headquarters

**KStN 11 *)**

1.06.1942

Army Headquarters

Army Commander & Chief of Staff
 Army Headquarters
 Weapon Staff Officers
 Army Chief Engineer Officer
 Army Chief Signal Officer
 Staff Officer for Gas Protection
 Army Administrative Department
 Deputy Chief of Staff (*O.Qu.*)
 Staff Officer for Motor Vehicles (*A.O. Kraft*)
 Army Intendant (*IVa*)
 Army Physician (*IVb*)
 Army Veterinary (*IVc*)
 Army Postmaster General
 Office of the Adjutant
 Adjutant (*IIa*)
 Provost Marshal (*III*)
 Army Field Bishops (*IVd*)
 Main Records and Files Office
 Headquarters Commandant (*H.Qu.*)
 Office of the Commandant
 Paymaster General (*IVz*)
 Commissary Officer
 Army Motor Pool
 Headquarters Guards
 Field Post Censors

KStN 2072

1.01.1943

Motorized Army Map Detachment

Det: 2 mcl; 2 cars (1); 1 bus (light/15 seats); 2 vans (medium); 1 trailer (generator).

KStN 2251

1.02.1941

Motorized Field Post Detachment

Det: 1 car (medium); 1 bus (medium/33 seats); 2 vans (medium).

KStN 81

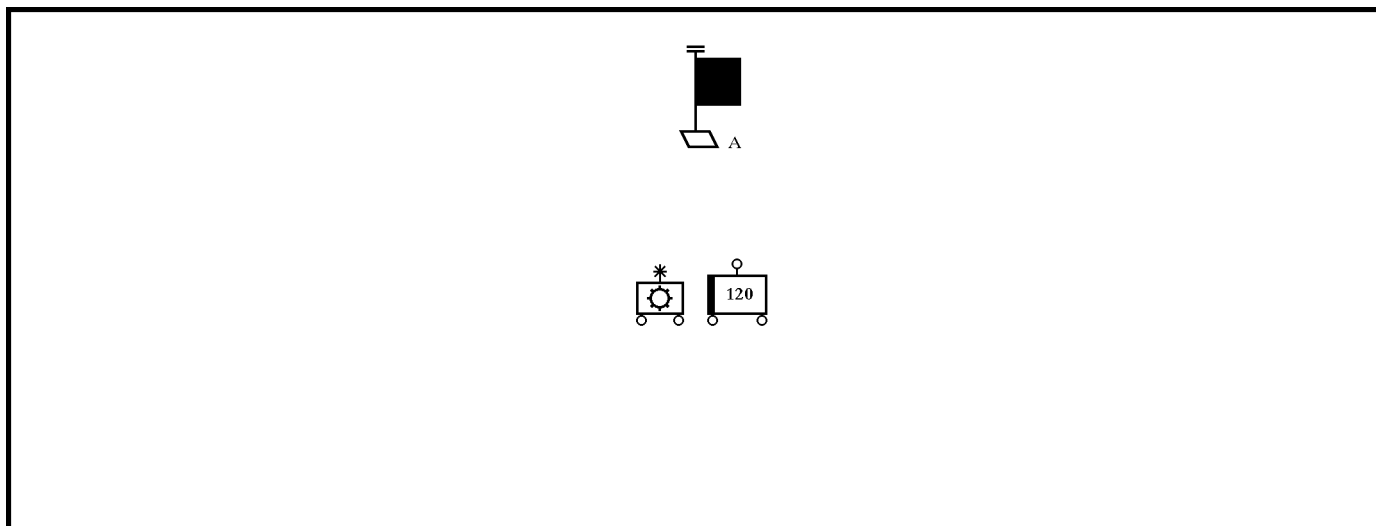
1.11.1942

Commander, Army Rear Area (*Korück*)

Headquarters
 Quartermaster
 Intelligence
 Adjutant: 6 mcl; 6 mcl w/sc; 2 cars (light); 1 car (medium); 1 truck (light); 1 bicycle.

Command	Commanding Officer	Map Detachment	Army Supply Commander	Commander Rear Area	Army Signal Regiment	Army Medical Regiment
1st Panzer Army	Gen.Obst. Eberhard von Mackensen	492	1. Pz	531	1. Pz.	552
2nd Panzer Army	Gen.Obst. Rudolf Schmidt	419	2. Pz	532	2. Pz.	522
3rd Panzer Army	Gen.Obst. Georg-Hans Reinhardt	495	3. Pz	590	3. Pz.	562
4th Panzer Army	Gen.Obst. Hermann Hoth	473	4. Pz	585	4. Pz.	523

PANZERARMEE-NACHSCHUBFÜHRER
Panzer Army Supply Commander



KStN 1200 *
1.03.1943

Headquarters, Motorized Army Supply Regiment

Rgt Hqs: 2 mcl; 2 mcl w/sc; 1 car (light); 3 cars (medium); 1 bus (light/15 seats); 1 truck (light).

KStN 1217b
1.11.1942

Motorized Transport Company (120-ton)

Col Hqs: 2 mcl; 1 car (medium).
 3 Plt: Hqs Sect: 2 mcl; 1 car (light); 2 LMG.
 3 Sect: 5 trucks (medium).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Col Trains: 1 mcl w/sc; 5 trucks (medium).

KStN 1051
1.02.1941

Motorized Motor Maintenance Platoon

Plt: 1 mcl; 1 car (medium); 1 truck (light); 1 truck (heavy); 1 motor bus (medium/22 seats); 1 halftrack (7); 1 trailer (spare parts); 1 trailer (generator).

NOTES:

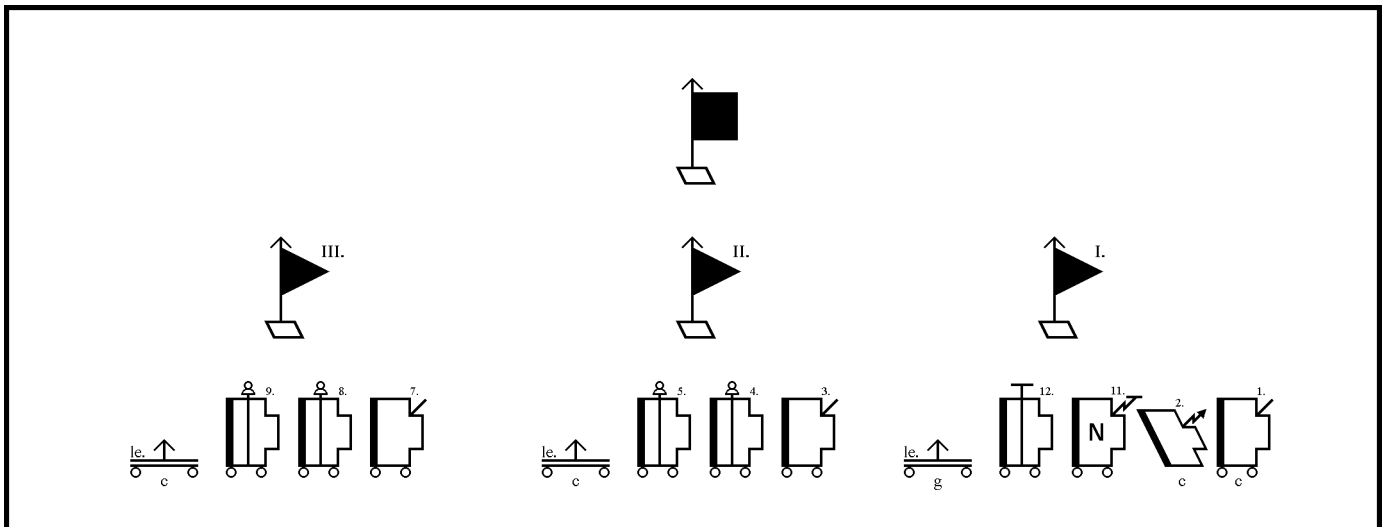
The 1st Panzer Army Supply Commander had the 422. Maintenance Platoon (mot).

The 2nd Panzer Army Supply Commander had the 1111. Motor Transport Company (120-tons).

The 3rd Army Supply Commander had the 1141. & 1142. Motor Transport Companies (120-tons).

The 4th Army Supply Commander had no units assigned.

PANZERARMEE-NACHRICHTEN-REGIMENT
Panzer Army Signal Regiment



- KStN 802 *) Headquarters, Motorized Army Signal Regiment**
1.03.1943
Rgt Hqs: 1 mcl w/sc; 4 cars (light); 2 trucks (medium); 1 truck (heavy).
Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 1 truck (medium); 1 van (42); 1 trailer (generator - 7,5kVA 220/380V).
- KStN 904 Headquarters, Motorized Panzer Army Signal Battalion**
1.03.1942
Bn Hqs: 2 mcl; 5 cars (15); 2 trucks (2-ton).
Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 2 trucks (3-ton).
- KStN 851c *) Motorized Army Telephone Operations Company "c"**
1.03.1942
Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (light).
1st Plt: Hqs Sect: 1 car (light); 1 LMG.
2 Army Long Distance Tele Ops Det: 1 van (heavy); 1 truck (heavy).
2 Heavy Tele Ops Sect 80: 2 telephone operations vans
3 Tele Signal Amplifier Sect 3: 1 telephone amplifier van 3.
2nd Plt: Hqs Sect: 1 car (light); 1 LMG.
Telex Det: 4 trucks (medium); 1 telex van; 2 trailers (generator - A); 4 trailers (generator - F).
2 Telex Connection Sect: 1 van (2-ton).
3rd Plt: Hqs Sect: 1 car (light); 1 LMG.
1 Lt Tele Maint Sect: 1 car (light).
2 Med Tele Maint Sect: 1 truck (2-ton).
2 Tele Field Cable Sect 12: 1 truck (medium).
2 Med Tele Cable Calibration Sect: 1 medium calibration van.
2 Med Carrier Wave Sect: 1 van (2-ton).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 car (light); 5 trucks (medium); 2 trucks (heavy); 1 trailer (generator - *Sd.Ah.* 23).
- KStN 946 Armored Radio Company**
1.03.1942
Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (15); 1 truck (light); 1 LMG.
1 Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
Armored Command Radio Sect: 1 armored command vehicle (251/6).
2 Hvy Radio Sect: 1 radio van (72); radio operations van (72); 1 mast antenna van (68); 1 trailer (generator - A).
2nd Plt & Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
3rd Plt: 4 Med Tele Sect *d*: 1 car (15); 1 radio van (2-ton).
4th Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
4 Med Armored Radio Sect *b*: 1 car (15); 1 armored radio car (263).
3 Med Armored Radio Sect *b/f*: 2 armored radio cars (263).
5th Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
3 Med Radio Sect *b*: 1 car (15); 1 van (17).
2 Lt Radio Sect *f*: 1 car (15); 1 van (17).
6th Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
2 Med Radio Sect *b/f*: 1 van (17).
1 Med Radio Sect (70 Watt): 1 car (15); 1 van (17).
2 Coding Sect: 1 car (15).
Det for replacement personnel and ops personnel for receivers: 3 trucks (2-ton).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 car (15); 2 trucks (light); 4 trucks (medium); 1 van (42); 1 trailer (generator - *Sd.Ah.* 23).
- KStN 865a Motorized Interception Company (Short Range)**
1.04.1942
Co Hqs: Hqs Sect: 1 mcl w/sc; 1 car (15); 1 truck (medium); 1 trailer (3-ton, equipment); 2 LMG.
Messenger Det: 11 mcl.
1 Hvy Tele Sect *a*: 1 car (2); 1 van (23).
1 Med Radio Sect *b*: 1 car (15); 1 van (17).
1 Evaluation Det: 2 cars (15); 2 trucks (medium).
1st Plt, Hqs Sect: 3 mcl; 3 cars (15); 1 LMG.
2nd Plt, Direction Finding Det: 1 car (15); 1 truck (medium).
3rd Plt: 3 Short Range Radio Intelligence Sect. 2 cars (15).
1 Lt Radio Sect *a*: 1 car (15); 1 van (17).
4th Plt: Hqs Sect: 7 mcl; 2 cars (15); 1 LMG.
6 Wire Intelligence Sect: 2 cars (15).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 car (15); 5 trucks (medium); 1 van (42); 1 trailer (generator - *Sd.Ah.* 23).

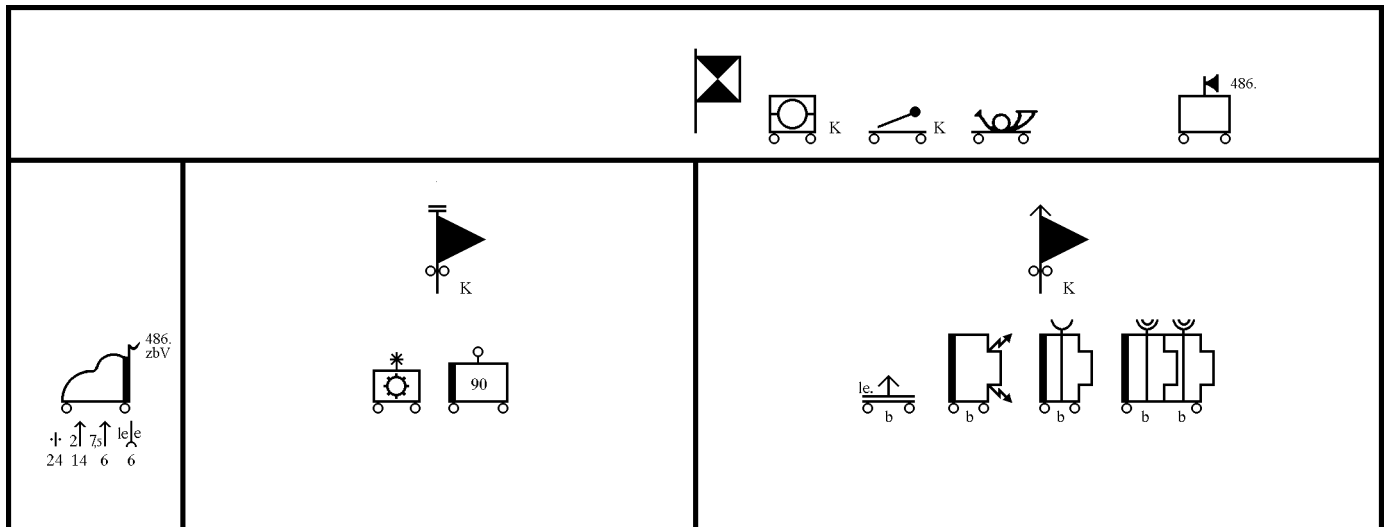
PANZERARMEE-NACHRICHTEN-REGIMENT (motorisiert)
Motorized Signal Regiment, Panzer Army

- KStN 951**
 1.01.1943 **Motorized Microwave Radio Company**
 Co Hqs: 3mcl; 1 mcl w/sc; 1 car (15); 1 truck (medium); 2 LMG.
 1st Plt & Hqs Sect: 2 mcl; 1 car (15); 2 LMG.
 2nd Plt: 4 Microwave Sect: 1 car (15); 1 signal van (heavy); 1 trailer mounted antenna (*Sd.Ah. 127*).
 3rd Plt: Hqs Sect: 2 mcl; 1 car (15); 2 LMG.
 4 Microwave Sect: 1 car (15); 1 van (heavy); 1 trailer mounted antenna (*Sd.Ah. 127*).
 3 Microwave Calibration Sect: 1 van (heavy).
 4th Plt: Hqs Sect: 2 mcl; 1 car (15); 2 LMG.
 3 Field Cable Sect *a*: 1 car (2); 2 trucks (4½-ton).
 2 Signal Amplifier Sect *b*: 1 van (61).
 5th Plt: Hqs Sect: 2 mcl; 1 car (15); 2 LMG.
 3 Field Cable Sect *a*: 1 car (2); 2 trucks (4½-ton).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (15); 6 trucks (medium); 1 truck (heavy); 2 vans (42); 1 trailer (generator).
- KStN 877**
 1.03.1942 **Motorized Army Light Signal Transport Column "g"**
 Col: 1 mcl w/sc; 1 car (light); 3 trucks (light); 5 trucks (medium); 1 van (42); 1 trailer (generator - *Sd.Ah. 23*); 1 LMG
- KStN 804 *)**
 1.03.1943 **Headquarters, Motorized Army Signal Battalion**
 Bn Hqs: 1 mcl w/sc; 3 cars (light); 1 car (medium-cc); 2 trucks (medium); 1 truck (heavy).
 Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 1 truck (medium); 1 van (42); 1 trailer (generator - 7,5kVA 220/380V).
- KStN 853**
 1.03.1942 **Motorized Army Telephone Operations Company "e"**
 Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (light); 1 truck (light); 1 LMG.
 1st Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
 2 Tele Signal Amplifier Sect *b*: 1 telephone amplifier van (61).
 1 Tele Cable Calibration Sect: 1 telephone calibration van (61).
 1 Tel Ops Sect *b*: 1 car (15); 1 telephone operations van (61).
 2 Tele Ops Sect *c*: 1 telephone operations van (72); 1 truck (heavy); 1 motor bus (light / 15 seats).
 2nd Plt: Hqs Sect: 3 mcl; 1 car (15); 1 LMG.
 2 Hvy Telex Sect: 4 trucks (medium); 1 motor bus (medium (medium / 22 seats); 1 trailer (generator - *F*).
 2 Telex Connection Sect: 1 car (15).
 3rd Plt: Hqs Sect: 2 mcl; 1 car (15); 1 truck (medium); 1 LMG.
 2 Tele Construction Sect (*3mm*): 1 car (15); 1 telephone construction truck (medium).
 2 Tele Wire Patrol: 1 car (15).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 3 trucks (light); 1 van (light); 2 trucks (medium); 2 trucks (heavy); 2 vans (42); 1 trailer (generator - *Sd.Ah. 23*).
- KStN 837 *)**
 1.03.1942 **Motorized Army Telephone Wire Company "c"**
 Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (light); 1 LMG.
 2 Plt: Hqs Sect: 2 car (light); 2 trucks (heavy); 1 van (42); 1 trailer (generator - *Sd.Ah. 23*); 2 LMG.
 1 Lt Tele Maint Sect: 1 car (light).
 5 Tele Cable Sect: 1 truck (3-ton).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 4 trucks (medium); 2 trucks (heavy); 2 trailers (telephone pole - *Sd.Ah. 21*); 1 LMG.
- KStN 873**
 1.03.1942 **Motorized Army Light Signal Transport Column "c"**
 Col: 1 mcl w/sc; 1 car (light); 1 truck (light); 5 trucks (heavy); 2 vans (42); 5 wheeled tractors;
 10 trailers (telephone pole - *Sd.Ah. 21*); 1 trailer (generator - *Sd.Ah. 23*); 1 LMG

NOTES:

Microwave also known as Ultra Short Wave.

ARMEEKORPS Infantry Corps

**KStN 12**

1.03.1942

Headquarters, Infantry Corps

Corps Commander & Chief of Staff
Corps Headquarters

Weapon Staff Officers

Staff Officer for Gas Protection

Corps Administrative Department

Deputy Chief of Staff (*O.Qu.*)

Corps Intendant (*IVa*)

Corps Physician (*IVb*)

Corps Veterinary (*IVc*)

Corps Engineer (*V*)

Office of the Adjutant

Adjutant (*IIa*)

Main Records and Files Office

Provost Marshal (*III*)

Headquarters Commandant (*H.Qu.*)

Office of the Commandant: 3 bicycles.

Paymaster General (*IVz*)

Commissary Officer

Corps Motor Pool

Motor Vehicle Detachment: 5 cars (light); 2 cars (medium); 2 cars (heavy); 2 cars (12); 3 trucks (light); 7 trucks (medium);
1 motor bus (converted to office use).

Motorcycle Detachment: 26 mcl; 5 mcl w/sc.

Maintenance Section: 1 mcl w/sc; 1 car (2/40).

Headquarters Guards: 1 infantry squad (# 0-0-3-12) with 2 LMG.

KStN 2075 *)

1.04.1942

Motorized Corps Map Detachment

Det: 2 mcl; 2 cars (1); 1 bus (light/15 seats); 2 vans (medium); 1 trailer (generator).

KStN 2033a

1.03.1942

Motorized Corps Military Police Detachment

Det: 6 mcl; 2 mcl w/sc; 7 cars (light); 1 truck (light); 1 LMG.

KStN 2251

1.02.1941

Motorized Field Post Detachment

Det: 1 car (medium); 1 bus (medium/33 seats); 2 vans (medium).

KStN 829

1.04.1943

468th Motorized Propaganda Platoon

Plt Hqs: 2 mcl; 2 Volkswagen (2); 6 trucks (3-ton).

Reporter Sect: 2 Volkswagen (2); 1 truck (3-ton).

Propaganda Sect: 2 Volkswagen (2); 3 trucks (3-ton).

Printing Sect: 2 vans (medium); 1 truck (medium).

KStN 1162 [1]

1.11.1941

468th Armored Car Company

Co Hqs: 2 mcl; 5 mcl w/sc; 1 car (15).

1 Hvy AC Plt: 3 AC (231); 3 AC (232).

2 Lt AC Plt: 4 AC (222); 2 AC (223).

1 Lt AC Plt: 6 AC (221 or 222 with light antitank rifle).

Maint Sect: 1 mcl w/sc; 1 car (2/40); 2 trucks (2-ton).

Co Trains: 1 car (15); 3 trucks (2-ton); 1 truck (medium); 1 truck (3-ton).

KStN 1138

1.11.1942

Heavy Armored Car Platoon

Platoon: 6 armored cars with 75mm guns (233); 2 trucks (3-ton).

NOTES:

The Corps Headquarters could be augmented by further components, as the need arose, and depending on the location and mission:

– Additional judges (with small staffs).

– A Staff Officer for Artillery (*Stabsoffizier für Artillerie*).

– An Engineer Staff Officer (*Stabsoffizier der Pioniere*).

– A Staff Officer for Tank Defense (*Stabsoffizier für Panzerabwehr*).

However, in many cases these missions were carried out by specific staffs assigned from GHQ Troops, such as the Headquarters, Motorized Artillery Command (*Arko*), or the Headquarters, Motorized Engineer Regiment.

The “independent” Military Police, Division Map, and Field Post Detachments, (although having their own KStN), were fully integrated into the corps headquarters at all times, and attached to the **H.Qu.** for administration, mess, and supply.

[1] The 468th Armored Car Company had a slightly modified organization based on KStN 1162. In the third armored car platoon it had six light 4x4 armored cars equipped with – according to the symbol – “light British antitank rifles”.

ARMEEKORPS
Infantry Corps

Corps	Type	Mapping Det.	MP Det.	Field Post Det.	Signal Bn.	Supply Cdr.	Notes	Commanding Officer
I.	Inf.	421	421	421	41	421		Gen.d.Inf. Wöhler
II.	Inf.	402	402	402	42	402		Gen.d.Inf. Paul Laux
Gr. Mieth	Inf.	(404)	(404)	(404)	(44)	(404)	[7]	Gen.Lt. Friedrich Mieth
V.	Inf.	405	405	405	45	405		Gen.d.Inf. Karl Allmendinger
VI.	Inf.	406	406	406	46	406		Gen.d.Inf. Hans Jordan
VII.	Inf.	407	407	407	47	407		Gen.d.Inf. Ernst-Eberhard Hell
Gr. Hoehne	Inf.	–	–	–	(48)	–	[8]	Gem.Lt. Gustav Hoehne
IX.	Inf.	409	409	409	49	409		Gen.d.Inf. Hans Schmidt
X.	Inf.	410	410	410	50	410		Gen.Lt. Otto Sponheimer
Gr. Raus	Inf.	–	–	–	–	–	[9]	Grn.d.Pz.Tr. Erhard Raus
XII.	Inf.	412	412	412	52	412		Gen.d.Inf. Kurt von Tippelskirch
XIII.	Inf.	413	413	413	53	413		Gen.d.Inf. Friedrich Siebert
XVII.	Inf.	417	417	417	66	417		Gen.d.Inf. Willi Schneckenburger
XX.	Inf.	420	420	420	420	420		Gen.d.Art. Rudolf Frhr. von Roman
XXIII.	Inf.	308	308	308	423	308		Gen.d.Inf. Johannes Friessner
XXV.	Inf.	526	307	307	425	307	[1]	Gen.d.Art. Wilhelm Fahrbacher
XXVI.	Inf.	426	426	426	426	426		Gen.d.Inf. Ernst von Leyser
XXVII.	Inf.	427	427	427	427	427		Gen.d.Inf. Paul Völckers
XXVIII.	Inf.	428	428	428	428	428		Gen.d.Art. Herbert Loch
XXIX.	Inf.	429	429	429	429	429		Gen.d.Pz.Tr. Erich Brandenberger
XXX.	Inf.	430	430	430	430	430		Gen.d.Art. Maximilian Fretter-Pico
XXXIII.	Inf.	433	433	433	433	–		Gen.d.Art. Alfred Engelbrecht
XXXV.	Inf.	435	435	435	435	435	[2]	Gen.d.Inf. Dr. Lothar Rendulic
XXXVIII.	Inf.	438	438	438	438	438		Gen.d.Inf. Kurt Herzog
XXXXII.	Inf.	442	442	442	442	442		Gen.d.Inf. Anton Dostler
XXXXIII.	Inf.	443	443	443	443	443		Gen.d.Inf. Karl von Oven
XXXXIV.	Inf.	444	444	444	444	444		Gen.d.Art. Maximilian Angelis
L.	Inf.	450	450	450	450	450		Gen.d.Kav. Philipp Kleffel
LII.	Inf.	452	452	452	452	452		Gen.d.Inf. Eugen Otto
LIII.	Inf.	453	453	453	453	453		Gen.d.Inf. Friedrich Gollwitzer
LIV.	Inf.	454	316	454	454	454		Gen.d.Inf. Carl Hilpert
LV.	Inf.	455	455	455	455	455		Gen.d.Inf. Erich Jaschke
LIX.	Inf.	459	459	459	459	459		Gen.d.Inf. Kurt von der Chevalerie
LXXVIII.	zbV	468	468	468	468	468	[3]	Gen.d.Flieger Hellmuth Felmy (Luftwaffe)
LXX.	Inf.	470	477	–	(470 Co)	–	[1]	Gen.d.Inf. Hermann Tittel
LXXI.	Inf.	364	–	–	480	–	[1]	Gen.d.Inf. Willi Moser
LXXVI.	Inf.	476	476	476	476	–		Gen.d.Pz.Tr. Traugott Herr
LXXX.	Inf.	480	431	602	486	431		Gen.d.Inf. Curt Gallenkamp
LXXXI.	Inf.	432	432	–	432	–		Gen.d.Pz.Tr. Adolf Kuntzen
LXXXII.	Inf.	407	437	437	437	437		Gen.d.Inf. Ernst Dehner
LXXXIII.	Inf.	483	–	–	445	445	[4]	Gen.d.Inf. Hans Felber
LXXXIV.	Inf.	460	460	–	460	460	[5]	Gen.d.Inf. Gustav-Adolf von Zangen
LXXXVI.	Inf.	486	486	–	431	486	[5]	Gen.d.Pi. Erwin Jaenecke
LXXXVII.	Inf.	487	–	–	487	–		Gen.d.Inf. Erich Marcks
LXXXVIII.	Inf.	488	–	–	–	–	[6]	Gen.d.Inf. Hans-Wolfgang Reinhard
LXXXIX.	Inf.	489	–	–	489	–	[1]	Gen.d.Inf. Werner Frhr. von und zu Gilsa

[1] Mapping unit was not motorized.

[2] Plus the 435th Armored Car Platoon (7 + 3 MG).

[3] This is the former Korps z.b.V. Felmy, the corps originally destined for Iraq. It still maintained some slight differences in organization from the normal infantry corps, such as the propaganda platoon, an armored car company, and a larger supply battalion.

[4] This corps is also Armeegruppe Felber.

[5] Supply Battalion headquarters only.

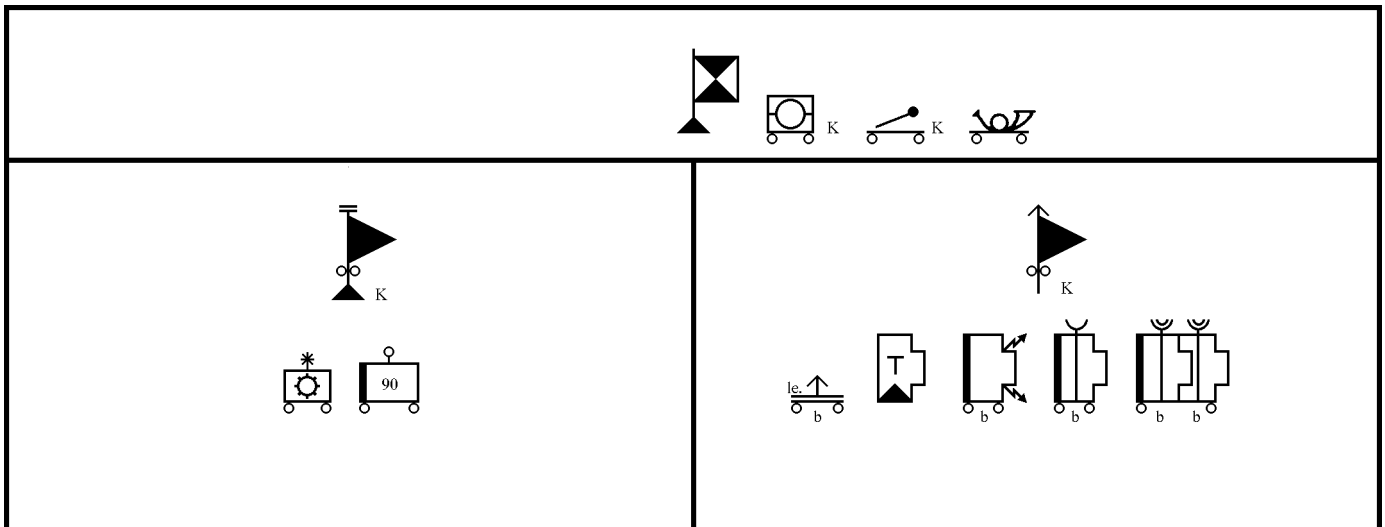
[6] Corps commander is also Commander German Troops in the Netherlands.

[7] Generalkommando z.b.V. Mieth becomes IVth Infantry Corps on 19.07.43.

[8] Generalkommando z.b.V. Hoehne becomes the VIIIth Infantry Corps on 12.09.43. The 48th Signal Battalion was raised 11.07.1943. The 408 corps units not until August 1943.

[9] Generalkommando z.b.V. Raus becomes XIth Infantry Corps on 20.07.43. The 51st Signal Battalion and 411 corps units were not raised until September 1943.

GEBIRGSKORPS
Mountain Corps



KStN 12
1.03.1942

Headquarters, Mountain Corps

Corps Commander & Chief of Staff
Corps Headquarters
Weapon Staff Officers
Staff Officer for Gas Protection
Corps Administrative Department
Deputy Chief of Staff (*O.Qu.*)
Corps Intendant (*IVa*)
Corps Physician (*IVb*)
Corps Veterinary (*IVc*)
Corps Engineer (*V*)
Office of the Adjutant
Adjutant (*IIa*)
Main Records and Files Office
Provost Marshal (*III*)
Headquarters Commandant (*H.Qu.*)
Office of the Commandant: 3 bicycles.
Paymaster General (*IVz*)
Commissary Officer
Corps Motor Pool
Motor Vehicle Detachment: 5 cars (light); 2 cars (medium); 2 cars (heavy); 2 cars (12); 3 trucks (light); 7 trucks (medium); 1 motor bus (converted to office use).
Motorcycle Detachment: 26 mcl; 5 mcl w/sc.
Maintenance Section: 1 mcl w/sc; 1 car (2/40).
Headquarters Guards: 1 infantry squad (# 0-0-3-12) with 2 LMG.

KStN 2075 *)
1.04.1942

Motorized Corps Map Detachment

Det: 2 mcl; 2 cars (1); 1 bus (light/15 seats); 2 vans (medium); 1 trailer (generator).

KStN 2033a
1.03.1942

Motorized Corps Military Police Detachment

Det: 6 mcl; 2 mcl w/sc; 7 cars (light); 1 truck (light); 1 LMG.

KStN 2251
1.02.1941

Motorized Field Post Detachment

Det: 1 car (medium); 1 bus (medium/33 seats); 2 vans (medium).

NOTES:

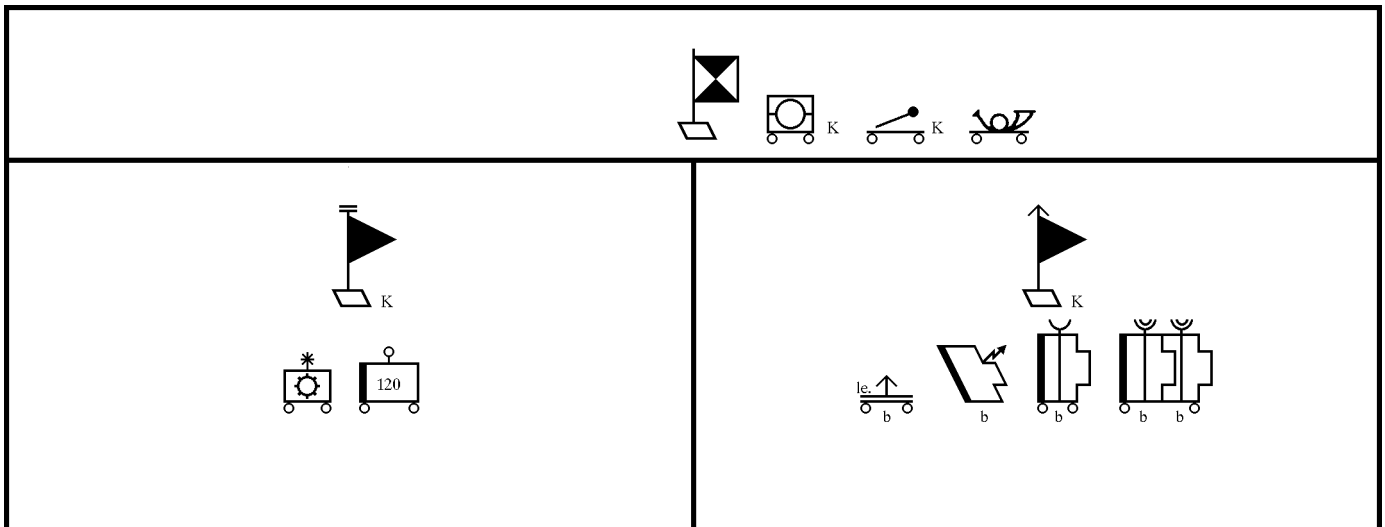
The Mountain Corps Headquarters could be augmented by further components, as the need arose, and depending on the location and mission. See the Infantry Corps for details.

The Mountain Corps was only slightly different from the Infantry Corps, in that the it had some specialized mountain units. In addition, the officers in the headquarters staff tended to be those acquainted with mountainous terrain.

Corps	Type	Mapping Det.	MP Det.	Field Post Det.	Signal Bn.	Supply Cdr.	Notes	Commanding Officer
XVIII.	Geb.	449	449	449	449	449		Gen.d.Geb.Tr. Franz Boehme
XIX.	Geb.	477	463	231	463	477	[1]	Gen.d.Geb.Tr. Ferdinand Schörner
XXXVI.	Geb.	436	436	436	436	436		Gen.d.Inf. Karl Weisenberger
XXXXIX.	Geb.	418	418	418	70	418		Gen.d.Geb.Tr. Rudolf Conrad

[1] Plus 477. Commissary Det.

PANZERKORPS
Panzer Corps



KStN 15
1.03.1942

Headquarters, Panzer Corps

Corps Commander & Chief of Staff
Corps Headquarters
Weapon Staff Officers
Staff Officer for Gas Protection
Engineer Staff Officer
Corps Administrative Department
Deputy Chief of Staff (*O.Qu.*)
Motor Vehicle Officer
Corps Intendant (*IVa*)
Corps Physician (*IVb*)
Corps Engineer (*V*)
Office of the Adjutant
Adjutant (*IIa*)
Main Records and Files Office
Provost Marshal (*III*)
Headquarters Commandant (*H.Qu.*)
Office of the Commandant: 3 mcl w/sc.
Paymaster General (*IVz*)
Commissary Officer
Corps Motor Pool
Motor Vehicle Detachment: 18 cars (medium); 2 cars (heavy); 4 cars (12); 2 cars (21); 6 trucks (2-ton); 9 trucks (medium); 1 truck (3-ton); 1 truck (heavy); 1 ambulance (31); 4 motor buses (2 converted to office use).
Motorcycle Detachment: 31 mcl; 5 mcl w/sc.
Maintenance Section: 1 mcl w/sc; 1 car (2/40).
Headquarters Guards: 1 infantry squad (# 0-0-3-12) with 4 LMG.

KStN 2075 *)
1.04.1942

Motorized Corps Map Detachment

Det: 2 mcl; 2 cars (1); 1 bus (light/15 seats); 2 vans (medium); 1 trailer (generator).

KStN 2033a
1.03.1942

Motorized Corps Military Police Detachment

Det: 6 mcl; 2 mcl w/sc; 7 cars (light); 1 truck (light); 1 LMG.

KStN 2251
1.02.1941

Motorized Field Post Detachment

Det: 1 car (medium); 1 bus (medium/33 seats); 2 vans (medium).

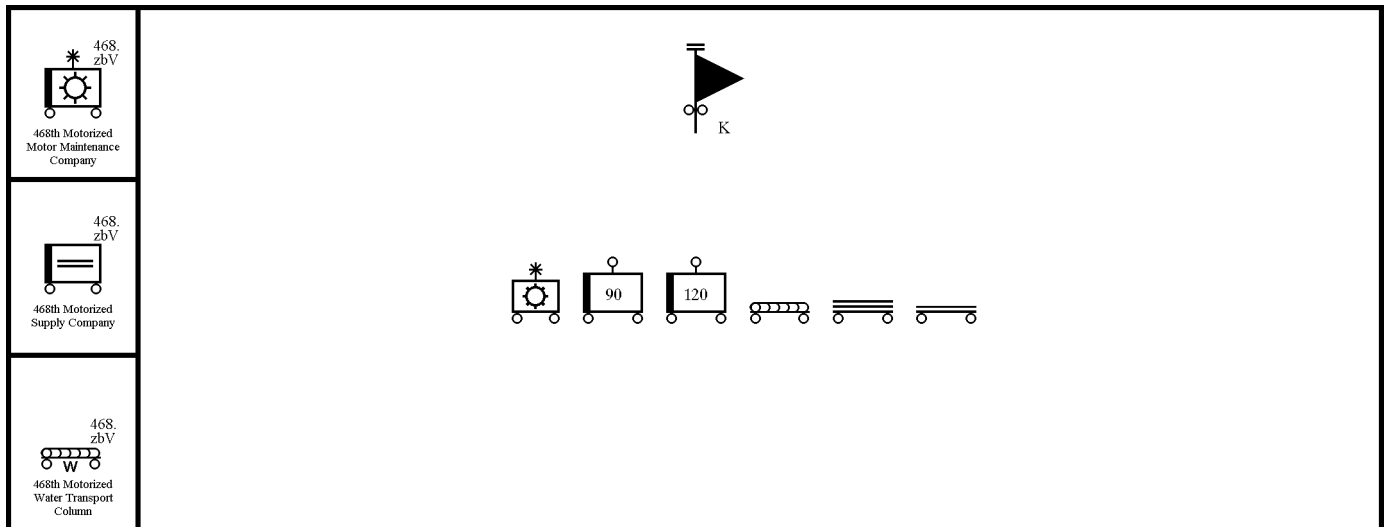
NOTES:

The KStN of the Panzer Corps made no provisions for augmentation with extra components. The "independent" Military Police, Division Map, and Field Post

Detachments, (although having their own KStN), were fully integrated into the corps headquarters at all times, attached to the **H.Qu.** for administration, mess, and supply.

Corps	Type	Mapping Det.	MP Det.	Field Post Det.	Signal Bn.	Supply Cdr.	Notes	Commanding Officer
III.	Pz.	403	403	403	43	403		Gen.d.Pz.Tr. Hermann Breith
XIV.	Pz.	414	414	414	60	414		Gen.d.Pz.Tr. Hans Valentine Hube
XXIV.	Pz.	424	424	424	424	424		Gen.d.Pz.Tr. Walther Nehring
XXXIX.	Pz.	439	439	439	439	439		Gen.d.Art. Robert Martinek
XXXX.	Pz.	440	440	440	440	440		Gen.d.Pz.Tr. Sigfid Henrici
XXXXI.	Pz.	441	441	441	441	441		Gen.d.Pz.Tr. Josef Harpe
XXXXVI.	Pz.	446	446	446	446	446		Gen.d.Inf. Hans Zorn
XXXXVII.	Pz.	447	447	447	447	447		Gen.d.Pz.Tr. Joachim Lemelsen
XXXXVIII.	Pz.	448	448	448	448	448		Gen.Lt. Dietric von Choltitz
LVI.	Pz.	456	456	456	456	456		Gen.d.Pz.Tr. Ferdinand Schaal
LVII.	Pz.	457	457	457	457	457		Gen.d.Pz.Tr. Friedrich Kirchner

KOMMANDEUR DER KORPS-NACHSCHUBTRUPPEN
Commander of Corps Supply Troops



<p>KStN 1207 *) 1.01.1943</p> <p>KStN 1225 *) 1.02.1942</p> <p>KStN 1231 *) 1.03.1942</p> <p>KStN1232 *) 1.03.1942</p> <p>KStN 1217a 1.11.1942</p> <p>KStN 1217b 1.11.1942</p> <p>KStN 1051 1.02.1941</p> <p>KStN 1052 1.11.1941</p> <p>KStN 1255 *) 1.03.1942</p> <p>KStN1227 *) 1.03.1942</p>	<p>Commander of Corps Supply Troops Hqs: 2 mcl; 1 mcl w/sc; 3 cars (15); 1 truck (light).</p> <p>Motorized Light Supply Column (30-ton) Col Hqs: 1 mcl; 1 mcl w/sc; 1 car (light); 2 LMG. 2 Sect: 5 trucks (medium). Col Trains: 1 mcl w/sc; 2 trucks (light).</p> <p>Motorized Medium Supply Column (60-ton) Col Hqs: 1 mcl; 1 mcl w/sc; 1 car (light); 2 LMG. 4 Sect: 5 trucks (medium). Col Trains: 1 mcl w/sc; 2 trucks (light).</p> <p>Motorized P.O.L. Column (50m³) Col Hqs: 1 mcl; 1 mcl w/sc; 1 car (light); 2 LMG. 4 Sect: 5 trucks (medium). Col Trains: 1 mcl w/sc; 2 trucks (light).</p> <p>Motorized Transport Company (90-ton) Col Hqs: 2 mcl; 1 car (medium). 3 Plt: Hqs Sect: 1 mcl; 1 car (light); 2 LMG. 2 Sect: 5 trucks (medium). Maint Sect: 1 mcl w/sc; 1 car (2/40). Col Trains: 1 mcl w/sc; 4 trucks (medium).</p> <p>Motorized Transport Company (120-ton) Col Hqs: 2 mcl; 1 car (medium). 3 Plt: Hqs Sect: 2 mcl; 1 car (light); 2 LMG. 3 Sect: 5 trucks (medium). Maint Sect: 1 mcl w/sc; 1 car (2/40). Col Trains: 1 mcl w/sc; 5 trucks (medium).</p> <p>Motorized Motor Maintenance Platoon Plt: 1 mcl; 1 car (medium); 1 truck (light); 1 truck (heavy); 1 motor bus (medium/22 seats); 1 halftrack (7); 1 trailer (spare parts); 1 trailer (generator).</p> <p>468th Motorized Motor Maintenance Company Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (light). 2 Maint Plt: 1 car (light); 1 truck (light); 1 truck (heavy); 1 motor bus (medium/22 seats); 1 van (79); 1 halftrack (7); 1 trailer (cargo); 1 trailer (generator). 1 Armorer Plt: 1 mcl w/sc; 1 truck (2-ton); 4 trucks (medium). Co Trains: 1 mcl w/sc; 3 trucks (light).</p> <p>468th Motorized Supply Company Co Hqs: 2 mcl w/sc; 1 car (light); 1 truck (light). 3 Supply Plt: 1 mcl w/sc; 3 trucks (medium). 1 Technical Plt: 1 mcl w/sc; 3 trucks (medium). Co Trains: 1 mcl; 1 truck (light).</p> <p>468th Motorized Water Transport Column Col Hqs: 1 mcl; 1 mcl w/sc; 1 car (light). 4 Sect: 5 trucks (medium). Col Trains: 1 mcl w/sc; 2 trucks (light).</p>
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NOTES:

The abysmal motor vehicle situation of the German armed forces meant that just about every motor transport unit would have of a large variety of motor vehicles. Hence, all KStN had numerous notes regarding the cargo carrying capacity of the trucks. These were supposed to have a load factor of 3 tons each. In case this type of truck was not available, trucks with a capacity of at least 2 tons but no more than 5 tons could be substituted to make up the capacity. The use of trailers was also envisioned to make up the total capacity. Units were supposed to have vehicles

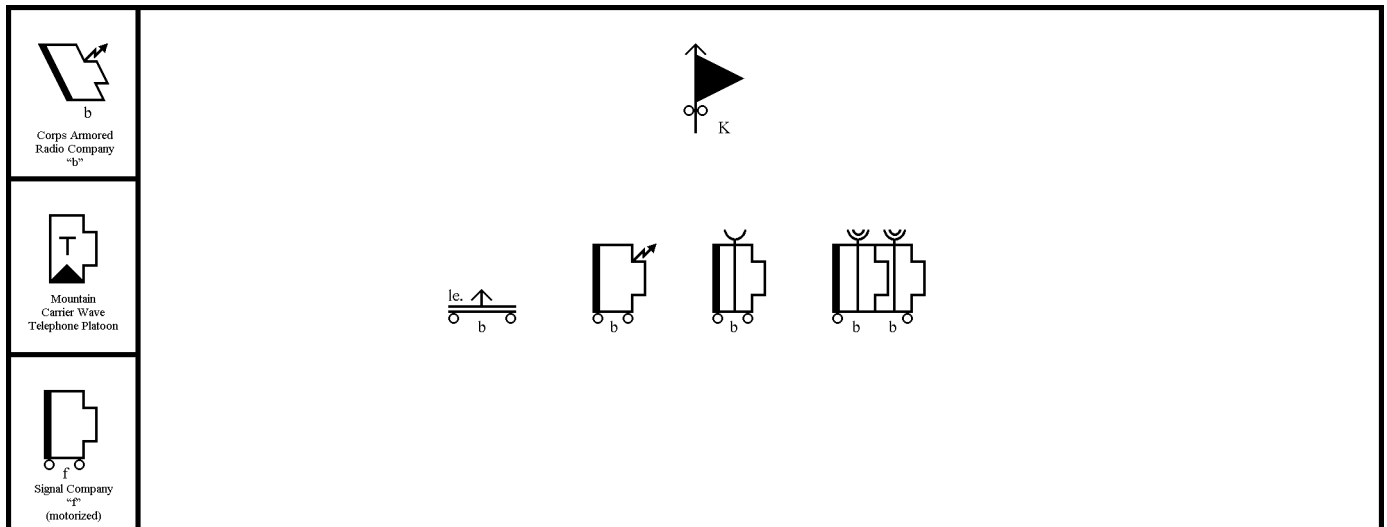
that could achieve the same road march speed. About 20% of the enlisted personnel was supposed filled with Hiwis.

The 68th Corps is the former Korps z.b.V. Felmy, the corps originally destined for Iraq. It still maintained some slight differences in organization from the normal infantry corps, including a much larger supply organization than the standard Infantry Corps.

KOMMANDEUR DER KORPS-NACHSCHUBTRUPPEN
Commander of Corps Supply Troops

Corps	Type	Supply Commander	Units
I.	Inf.	421	2x 90-ton company; 1 maintenance platoon.
II.	Inf.	402	2x 90-ton company; 1 maintenance platoon.
III.	Pz.	403	1x 120-ton company; 1 maintenance platoon.
V.	Inf.	405	1x 90-ton company; 1 maintenance platoon.
VI.	Inf.	406	1x 90-ton company; 1 maintenance platoon.
VII.	Inf.	407	1x 90-ton company; 1 maintenance platoon.
IX.	Inf.	409	1x light column; 1x POL company; 1 maintenance platoon.
X.	Inf.	410	1x 90-ton company; 1 maintenance platoon.
XII.	Inf.	412	1x 90-ton company; 1 maintenance platoon.
XIII.	Inf.	413	1x 90-ton company; 1 maintenance platoon.
XIV.	Pz.	414	1x 120-ton company; 1 maintenance platoon.
XVII.	Inf.	417	1x 90-ton company; 1 maintenance platoon.
XVIII.	Geb.	449	1x 90-ton company; 1 maintenance platoon.
XIX.	Geb.	477	1x 90-ton company; 1 POL column; 1 maintenance platoon.
XX.	Inf.	420	1x 90-ton company; 1 maintenance platoon.
XXIII.	Inf.	308	1x 90-ton company; 1 maintenance platoon.
XXIV.	Pz.	424	2x light columns; 1x POL column; 1 maintenance platoon.
XXV.	Inf.	307	1x 90-ton company; 1 maintenance platoon.
XXVI.	Inf.	426	1x 90-ton company; 1 maintenance platoon.
XXVII.	Inf.	427	1x light column; 1x POL column; 1 maintenance platoon.
XXVIII.	Inf.	428	1x 90-ton company; 1 maintenance platoon.
XXIX.	Inf.	429	1x 90-ton company; 1 maintenance platoon.
XXX.	Inf.	430	1x column; 1x POL column; 1 maintenance platoon.
XXXIII.	Inf.	-	-
XXXV.	Inf.	435	1 heavy column.
XXXVI.	Geb.	436	1x 90-ton company; 1 maintenance platoon.
XXXVIII.	Inf.	438	1x 120-ton company; 1 maintenance platoon.
XXXIX.	Pz.	439	1x 120-ton company; 1 maintenance platoon.
XXXX.	Pz.	440	1x 120-ton company; 1 maintenance platoon.
XXXXI.	Pz.	441	1x 90-ton company; 1x column; 1 maintenance platoon.
XXXXII.	Inf.	442	1x 90-ton company; 1 maintenance platoon.
XXXXIII.	Inf.	443	1x 90-ton company; 1 maintenance platoon.
XXXXIV.	Inf.	444	1x 90-ton company; 1 maintenance platoon.
XXXXVI.	Pz.	446	1x 90-ton company; 1 maintenance platoon..
XXXXVII.	Pz.	447	1x 90-ton company; 1 maintenance platoon.
XXXXVIII.	Pz.	448	1x 120-ton company; 1 maintenance platoon.
XXXXIX.	Geb.	418	1x 120-ton company; 2x column; 1 maintenance platoon.
L.	Inf.	450	1x 90-ton company; 1 maintenance platoon.
LII.	Inf.	452	1x 90-ton company; 1 maintenance platoon.
LIII.	Inf.	453	1x 120-ton company; 1 maintenance platoon.
LIV.	Inf.	454	1x 120-ton company; 1 maintenance platoon.
LV.	Inf.	455	1x 90-ton company; 1 maintenance platoon.
LVI.	Pz.	456	1x 90-ton company; 1x column; 1 maintenance platoon.
LVII.	Pz.	457	2x light columns; 1x POL column; 1 maintenance platoon.
LVIII.	zbV	468	2x 90-ton companies; 2x 120-ton companies; 1 supply company; 1 water transport platoon; 1 maintenance company.
LIX.	Inf.	459	1x 90-ton company.
LXX.	Inf.	-	-
LXXI.	Inf.	-	-
LXXX.	Inf.	431	1x light column.
LXXXI.	Inf.	-	1x column; 1 supply company.
LXXXII.	Inf.	437	1x 90-ton company; 1x light column.
LXXXIII.	Inf.	445	1x 90-ton company.
LXXXIV.	Inf.	460	-
LXXXVI.	Inf.	486	-
LXXXVII.	Inf.	-	-
LXXXVIII.	Inf.	-	-
LXXXIX.	Inf.	-	-

KORPS-NACHRICHTENABTEILUNG (mot)
Corps Signal Battalion (mot)



- KStN 804 ***
1.03.1943
Headquarters, Motorized Army Signal Battalion
Bn Hqs: 1 mcl w/sc; 3 cars (light); 1 car (medium-cc); 2 trucks (medium); 1 truck (heavy).
Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 1 truck (medium); 1 van (42); 1 trailer (generator - 7,5kVA 220/380V).
- KStN 843 ***
1.03.1942
Corps Field Cable Company "b" (motorized)
Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (15); 1 truck (light); 1 LMG.
1st Plt, Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
2nd Plt, Lt Tele Maint Sect: 1 car (15).
3rd Plt: Med Tele Maint Sect: 1 truck (2-ton).
3 Field Cable Sect: 1 truck (3-ton).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 car (15); 6 trucks (medium); 1 LMG.
- KStN 833 ***
1.02.1942
Corps Telephone Company "b" (motorized)
Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (15); 1 truck (light); 1 LMG.
1st Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
3 Hvy Tele Ops Sect 80: 2 telephone operations vans.
1 Med Tele Ops Sect 40: 2 vnas (2-ton).
2 Lt Tele Amplifier Sect 3: 1 amplifier van.
2nd Plt & Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
3rd Plt: 1 Med Tele Maint Sect: 1 truck (2-ton).
1 Med Cable Sect 12: 1 van (2-ton).
4 Field Cable Sect 12: 1 van (3-ton).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 car (15); 7 trucks (medium); 1 LMG.
- KStN 860 ***
1.04.1942
Corps Radio Company "b" (motorized)
Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (15); 1 truck (light); 1 LMG.
1st Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
4 Med Radio Sect 100 Mw: 1 van (2-ton).
1 Coding Sect: 1 truck (3-ton).
2nd Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
6 Med Radio Sect 80 Mw: 1 van (2-ton).
3rd Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
2 Med Radio Sect 15 Mw: 1 van (2-ton).
2 Med Air Liaison Radio Sect 20 Mw: 1 van (2-ton).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 car (15); 5 trucks (medium); 1 van (42); 1 trailer (generator - *Sd.Ah.* 23); 1 LMG.
- KStN 872 ***
1.03.1942
Corps Signal Column "b" (motorized)
Col: 1 mcl w/sc; 1 car (light); 10 trucks (medium); 2 vans (42); 1 Maultier (3);
2 trailers (telephone pole - *Sd.Ah.* 21); 1 trailer (generator - *Sd.Ah.* 23); 1 LMG.
- KStN 973**
1.05.1942
Corps Armored Radio Company "b"
1 mcl; 1 mcl w/sc; 1 car (15); 1 truck (light).
1st Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
Armored Command Radio Sect: 1 armored command vehicle (215/6).
2 Med Armored Radio Sect b: 1 car (15); 1 armored radio car (263).
2 Med Armored Radio Sect b/f: 1 armored radio car (263).
1 Lt Radio Sect c: 1 van (17).
2nd Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
2 Med Armored Radio Sect b/f: 1 armored radio car (263).
2 Med Radio Sect b: 1 car (15); 1 van (17).
1 Lt Radio Sect c: 1 van (17).
3rd Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
4 Med Radio Sect b: 1 car (15); 1 van (17).
1 Code Sect: 1 car (15).
Personnel Section - Radio Receivers
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 car (15); 5 trucks (medium); 1 van (42); 1 trailer (generator - *Sd.Ah.* 23); 1 LMG.
- KStN 953 ***
1.03.1942
Mountain Carrier Wave Telephone Platoon
Co Hqs: 2 mcl w/sc; 2 cars (light); 2 trucks (light); 1 trailer (cargo); 1 LMG.
Personnel Section - Carrier Wave Voice Radio and Alternating Current Radio Telegraph Operations: (# 0-0-16-36).
Personnel Section - Calibrating Equipment: (# 0-0-0-6).
Personnel Section - Equipment Depot and Signal Maintenance Workshop: (# 0-0-1-3).

KORPS-NACHRICHTENABTEILUNG (mot)
Corps Signal Battalion (mot)

KStN 899

1.11.1942

Signal Company "F" (motorized)

Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (15); 1 truck (light); 1 LMG.

1st Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
3 Tele Ops Sect *b*: 1 car (15); 1 telephone operations van (61).
2 Tele Amplifier Sect *a*: 1 amplifier van (42).2nd Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
3 Hvy Tele Sect *a*: 1 car (2); 1 van (23).
3 Line Sect: 1 truck (light).3rd Plt: Hqs Sect: 2 mcl; 1 car (15); 1 LMG.
2 Med Radio Sect *b*: 1 van (17).
1 Med Radio Sect *b/f*: 1 van (17).
1 Lt Radio Sect *c*: 1 van (17/1).
1 Code Sect: 1 car (15).

Personnel Section—Radio Receivers.

Co Maint Sect: 1 mcl w/sc; 1 car (2/40).

Co Trains: 1 car (15); 1 truck (light); 2 trucks (medium); 1 van (42); 1 trailer (generator - *Sd.Ah.* 23); 1 LMG.

Corps	Type	Supply Battalion	Notes
I.	Inf.	41	
II.	Inf.	42	
III.	Pz.	43	Radio company is armored.
V.	Inf.	45	
VI.	Inf.	46	
VII.	Inf.	47	
IX.	Inf.	49	
X.	Inf.	50	
XII.	Inf.	52	
XIII.	Inf.	53	
XIV.	Pz.	60	Radio company is armored.
XVII.	Inf.	66	
XVIII.	Geb.	449	Plus a mountain carrier wave telephone platoon.
XIX.	Geb.	463	Plus a mountain carrier wave telephone platoon.
XX.	Inf.	420	
XXIII.	Inf.	423	
XXIV.	Pz.	424	Radio company is armored.
XXV.	Inf.	425	
XXVI.	Inf.	426	
XXVII.	Inf.	427	
XXVIII.	Inf.	428	
XXIX.	Inf.	429	
XXX.	Inf.	430	
XXXIII.	Inf.	433	The 433rd Signal Battalion had: 1 field cable company b; 1 telephone company b; 1 radio company b.
XXXV.	Inf.	435	
XXXVI.	Geb.	436	Plus a mountain carrier wave telephone platoon.
XXXVIII.	Inf.	438	
XXXIX.	Pz.	439	Radio company is armored.
XXXX.	Pz.	440	Radio company is armored.
XXXXI.	Pz.	441	Radio company is armored.
XXXXII.	Inf.	442	
XXXXIII.	Inf.	443	
XXXXIV.	Inf.	444	
XXXXVI.	Pz.	446	Radio company is armored.
XXXXVII.	Pz.	447	Radio company is armored.
XXXXVIII.	Pz.	448	Radio company is armored.
XXXXIX.	Geb.	70	Plus a mountain carrier wave telephone platoon.
L.	Inf.	450	
LII.	Inf.	452	
LIII.	Inf.	453	
LIV.	Inf.	454	
LV.	Inf.	455	
LVI.	Pz.	456	Radio company is armored.
LVII.	Pz.	457	Radio company is armored.
LIX.	Inf.	459	
LXXVIII.	zbV	468	
LXX.	Inf.	–	The LXXVIIIth Corps had no battalion headquarters, only the 470th Signal Company (mot).
LXXI.	Inf.	480	The 480th Signal Battalion had: 1 telephone operations company b; 1 radio company b.
LXXVI.	Inf.	476	
LXXX.	Inf.	486	The 486th Signal Battalion had: 1 field cable company b and 1 signal company f.
LXXXI.	Inf.	432	The 432rd Signal Battalion had: 1 field cable company b; 1 telephone company b; 1 radio company b
LXXXII.	Inf.	437	The 437th Signal Battalion had: 1 field cable company b; 1 telephone company b; 1 radio company b
LXXXIII.	Inf.	445	
LXXXIV.	Inf.	460	The 460th Signal Battalion had: 1 telephone operations company b; 1 radio company b.
LXXXVI.	Inf.	431	The 431st Signal Battalion had: 1 field cable company b; 1 telephone company b; 1 radio company b
LXXXVII.	Inf.	487	
LXXXVIII.	Inf.	–	The LXXXVIIIth Corps had no signal units at all at this time.
LXXXIX.	Inf.	489	The 489th Signal Battalion had: 1 field cable company b and 1 signal company f.

STAB, HÖHEREN ARTILLERIE-KOMMANDEUR (motorisiert)
Headquarters, Motorized Higher Artillery Command



KStN 24
1.02.1942

Headquarters, Motorized Higher Artillery Command (Harko)

Hqs: 2 mcl; 1 mcl w/sc; 2 bicycles; 2 cars (light); 1 car (15); 1 car (heavy); 1 trucks (light).

NOTES:

A division-level echelon artillery headquarters, attached to an Army, coordinating all its artillery, both GHQ and divisional. It was charged with:

- recognizing and planning the main points of effort in conjunction with the superior headquarters to which it was attached.
- coordinating the fire of the GHQ, Army, Corps, and Divisional artillery.
- determining the artillery observation missions (artillery observation battalions and batteries, as well as aerial reconnaissance and spotting)
- setting down the framework for the communications network of all the artillery it had been given to supervise.

Harko	Commander	Assignment
301	Gen.Lt. Johannes Zuckertort	Heeresgruppe D
302	Gen.Lt. Erich Heinemann	4. Armee, Heeresgruppe Mitte
303	Gen.Maj. Karl Thoholte	18. Armee, Heeresgruppe Nord
304	Gen.Lt. Friedrich von Scotti	17. Armee, Heeresgruppe A
305	Gen.Lt. Friedrich, Krischer Edler von Wehregg	2. Panzer-Armee, Heeresgruppe Mitte
306	Gen.Lt. Richrad Metz	6. Armee, Heeresgruppe Süd
307	Gen.Maj. Max Ludwig	9. Armee, Heeresgruppe Mitte
308	Gen.Maj. Gen.Lt. Curt Jahn	2. Armee, Heeresgruppe Mitte
309	Gen.Maj. Paul Riedel	16. Armee, Heeresgruppe Nord
310	Gen.Maj. Werner Haack	?
311	Gen.Lt. Gerhard Steinbauer	1. Panzer-Armee, Heeresgruppe Süd
312	Gen.Lt. Dr.Ing. Kurt Rüdinger	4. Panzer-Armee, Heeresgruppe Süd
313	Gen.Lt. John Ansat	3. Panzer-Armee, Heeresgruppe Mitte
314	Gen.Maj. Johannes Krause	Heeresgruppe E

**STAB, ARTILLERIE-KOMMANDEUR (motorisiert)
Headquarters, Motorized Artillery Command**



KStN 25 *) Headquarters, Motorized Artillery Command (Arko)
1.02.1941 Hqs: 5 mcl; 3 cars (1); 3 cars (15); 1 bus (light/15 seats); 1 van (3-ton).

NOTES:

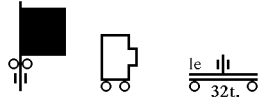
A brigade-level echelon artillery headquarters, responsible for coordinating all artillery within a corps.

Most of these headquarters become permanent corps troops starting on 01.07.1943; as the assignment process lasted into August 1943, they are all listed here.

Arko	Assignment
2	Armeegruppe Felber, Army Group D
3	III. Panzer Corps
7	XVII. Infantry Corps
18	L. Infantry Corps
19	X. Infantry Corps
24	XXVIII. Inf. Corps
30	XXXVIII. Infantry Corps
35	XXXXI. Panzer Corps
101	XXXVI. Panzer Corps
102	XXIX. Infantry Corps
103	LIX. Infantry Corps
105	II. Infantry Corps
107	XXXXII. Infantry Corps
108	XII. Infantry Corps
109	XXXVI. Mountain Corps
110	XXX. Infantry Corps
112	XXIII. Infantry Corps
113	XXVI. Infantry Corps
114	Army Group South
115	XXV. Infantry Corps
116	LXXX. Infantry Corps
117	LXXXI. Infantry Corps
118	LXXXIV. Infantry Corps
119	LXXXVIII. Infantry Corps
121	LVII. Panzer Corps
122	9. Armee, Army Group Center
123	I. Infantry Corps

Arko	Assignment
124	VII. Infantry Corps
125	LVI. Panzer Corps
126	VI. Infantry Corps
127	XXVII. Infantry Corps
128	XXXX. Panzer Corps
129	XX. Infantry Corps
130	XXXXVII. Panzer Corps
132	XXXXIX. Mountain Corps
133	XXXXIII. Infantry Corps
134	XXXXIV. Infantry Corps
136	XXXV. Infantry Corps
137	LII. Infantry Corps
138	LIV. Infantry Corps
139	IX. Infantry Corps
140	XXXIX. Panzer Corps
141	LXXXII. Infantry Corps
143	XXIV. Panzer Corps
144	XXXXVIII. Panzer Corps
145	Goppe Hoehne, 16th Army, Army Group North
146	LV. Infantry Corps
148	LIII. Infantry Corps
149	V. Infantry Corps
170	Army group E
186	LXXXVI. Infantry Corps
187	LXXXVII. Infantry Corps
189	LXXXIX. Infantry Corps
Kreta	Fortress Crete, Army Group E

**ARTILLERIE-REGIMENT STAB (motorisiert)
Headquarters, Motorized Artillery Regiment**



KStN 411 *) Headquarters, Motorized Artillery Regiment for Special Purposes

1.11.1941 Rgt Hqs: 1 mcl; 3 cars (1); 1 car (15); 1 van (3-ton).
Maint Sect: 1 mcl w/sc; 1 car (2/40).
Rgt Hqs Trains: 1 car (light); 3 trucks (medium).

KStN 561 Signal Platoon, Motorized Artillery Regiment

1.12.1942 Hqs Sect: 1 mcl; 1 car (15).
1 Med Tele Sect *b*: 1 car (15); 1 van (76).
3 Hvy Tele Sect *a*: 1 car (2); 1 van (23).
4 Lt Radio Sect *b*: 1 van (17).
1 Lt Radio Sect *c*: 1 van (17/1).

KStN 511 Motorized Light Artillery Column

1.03.1943 Col: 2 mcl; 1 mcl w/sc; 2 trucks (light); 10 trucks (medium).

NOTES:

An headquarters, artillery regiment was normally only attached to a command when there were four or more GHQ artillery units on hand. This rule of thumb could be changed to fit the situation. They coordinated the fire of the GHQ artillery, (and sometimes the divisional artillery) within a command. They were charged with determining the main points of effort in conjunction with superior headquarters. They determined the artillery observation missions (artillery observation battalions and batteries, as well as aerial reconnaissance and spotting), and set down the framework for the communications network of all the artillery it had been given to supervise.

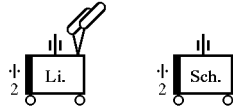
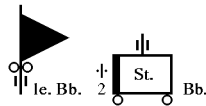
The motorized artillery column was not a standard organization attachment.

The "z.b.V." (i.e., for special purposes / use) designation was a holdover from an earlier period. It had no influence on either the organization or the mission of the headquarters.

There were 24 Headquarters, Motorized Artillery Regiments in the German Army on 4.07.1943. They were:

41 z.b.V.
49
69
70
109
110
140
511
609
610
612
617
621 with one column (32-ton)
627 z.b.V.
704
775 z.b.V.
782
785
786
787
788
792
802
818

LEICHTE BEOBACHTUNGS-ABTEILUNG (motorisiert)
Motorized Light Artillery Observation Battalion



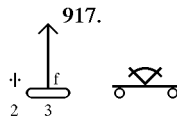
- KStN 533 *) Headquarters, Motorized Artillery Observation Battalion**
 1.11.1941 Bn Hqs: 1 mcl; 3 cars (1); 1 van (light).
- KStN 540 *) Headquarters Battery, Motorized Light Artillery Observation Battalion**
 1.11.1941 Hqs Sect: 1 mcl; 1 car (3).
 Signal Plt: Hqs Sect: 1 car (15).
 2 Med Tele Sect *b*: 1 car (15); 1 van (76).
 4 Lt Radio Sect *b*: 1 van (17).
 Printing Sect: 1 mcl; 1 truck (medium); 1 van (62); 1 trailer (generator).
 Photographic Sect: 1 mcl; 1 van (62); 1 trailer (generator).
 Weather Plt: Hqs Sect: 1 car (3).
 1 Wind Guage Sect: 1 car (3).
 1 Temperature Measurement Sect: 1 van (62).
 3 Azimuth Sect: 1 van (62).
 1 Med Radio Sect *b*: 1 car (15); 1 van (76).
 Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 1 car (light); 1 AA car (4 w/ dual MG); 3 trucks (medium).
 Bn Maint Det: 1 car (1); 2 trucks (medium); 2 vans (42); 2 trailers (generator).
 Bn Trains: 2 trucks (medium).
- KStN 535 Motorized Sound Ranging Battery**
 1.11.1941 Bty Hqs: 4 mcl; 1 car (16).
 1 Warning Plt: Hqs Sect: 1 car (3).
 2 Sect: 1 car (16).
 2 Sound Ranging Plt: Hqs Sect: 2 cars (3).
 2 Sect: 1 car (16); 1 van (63).
 1 Reserve Sound Ranging Sect: 1 car (16); 1 van (63).
 1 Evaluation Plt: Hqs Sect: 1 mcl w/sc; 2 cars (light).
 2 Recording Sect: 1 van (62).
 1 Evaluation Sect: 1 van (62); 1 trailer (generator).
 1 Evaluation Sect: 1 van (62).
 1 Support Sect: 1 AA car (4 w/ dual MG); 1 van (64).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 1 mcl; 4 trucks (light); 1 truck (2-ton); 1 truck (medium).
- KStN 536 *) Motorized Flash Ranging Battery**
 1.11.1941 Bty Hqs: 4 mcl; 1 car (16).
 3 Flash Ranging Plt: Hqs Sect: 2 cars (3).
 2 Sect: 1 car (16); 1 van (63).
 1 Evaluation Plt: Hqs Sect: 1 mcl w/sc; 2 cars (light).
 2 Recording Sect: 1 van (62).
 1 Evaluation Sect: 1 van (62); 1 trailer (generator).
 1 Evaluation Sect: 1 van (62).
 1 Support Sect: 1 AA car (4 w/ dual MG); 1 van (64).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 1 mcl; 4 trucks (light); 1 truck (2-ton); 1 truck (medium).
- KStN 542 *) Balloon Plt**
 1.04.1943 Hqs Sect: 1 mcl w/sc; 1 VW (1); 1 truck (light).
 2 Balloon Sect: 1 truck (4.5-ton); 1 trailer (winch).
 1 Gas Sect: 1 truck (44); 1 trailer (gas bottles).

NOTES:

There were 33 Motorized Artillery Observation Battalions in the German Army on 4.07.1943. They were:

1	8	15	23	31	44
2	9	16	24	32	54
3	11	17	26	33	64
4	12	19	27	34	
5	13	20	29	35	
6	14	22	30	39	

19,4cm KANONEN-BATTERIE (Selbstfahrlafette)
Self-Propelled 194mm Gun Battery

**KStN 474**

1.04.1942

Self-Propelled 194mm Gun Battery

Bty Hqs: 3 mcl; 2 cars (15).

Signal Det: Hqs Sect: 1 car (15).

1 Med Tele Sect *b*: 1 car (15); 1 van (23).1 Hvy Tele Sect *a*: 1 car (2); 1 van (76).3 Pack Radio Sect *f*: 1 car (2).1 Lt Radio Sect *c*: 1 van (17/1).

Gun Plt: Hqs Sect: 4 mcl; 1 car (1); 1 AA car (4 w/ dual MG); 1 car (15); 1 halftrack (8); 1 generator van.

3 Gun Sect: one SP'd Gun (194mm); 1 generator van.

Ammo Det: 1 car (light); 3 trucks (3-ton).

Maint Sect: 1 mcl w/sc; 1 car (2/40).

Bty Trains: 1 car (light); 8 trucks (medium).

KStN 529 (gek) *

1.11.1941

Calibration Sect: 1 mcl; 1 car (3); 2 vans (1.5-ton).

NOTES:

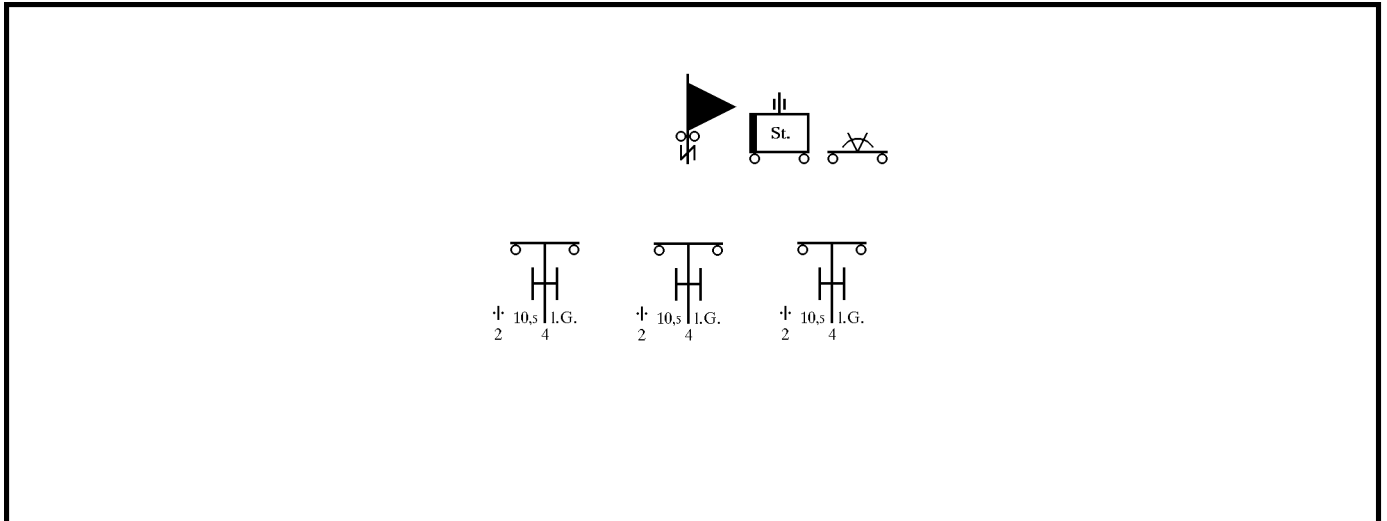
The 194mm gun was the French *Canon de 194 mle GPF (L/33.5) sur Chenilles*. Produced in 1932, the gun itself had been a World War I development. After the German conquest of France, a several of these weapons were taken over by the Army. The rig consisted of two similar, tracked vehicles: one for the gun, the other for the power supply, (also carrying 30 shells and the crew). The diesel engine of the generator vehicle powered 4 electric engines (1 for each track, two per vehicle), and was linked by an 200 meter electric cable to the gun vehicle. During road movement, both vehicles were coupled by a rigid bar and driven by a single man. On rough terrain the tracked vehicles generally moved independently, but the gun-carrying vehicle still had to be connected to the power vehicle by cable to move. In action, the ammunition vehicle was generally deployed on the side and to the rear of the gun vehicle at an angle of 90°. The generator vehicle could also fetch new ammunition, as the gun required no power to fire.

There was only the 917. Kanonen-Batterie (Selbstfahrlafette) on 4.07.1943.

Specifications of the 194mm Gun:

Designation:	19,4cm Kanone 485(f) auf Selbstfahrlafette
Manufactured by:	Saint-Chamond, France
Introduced in:	1941
Mobility:	self-propelled
Caliber:	194mm
Barrel length:	L/33.5
Range:	28,000 meters
Ammo weight:	78 – 85 kilos
Vehicle weight:	29,600 kilos each
Traverse:	360° by turning vehicle
Elevation:	0° to + 46°
Road Speed:	8 to 10 km/h
Rate of Fire:	ca. 1 rounds per minute

LEICHTGESCHÜTZ-ABTEILUNG (motorisiert)
Motorized Recoilless Artillery Battalion



KStN 406 **Headquarters, Motorized Recoilless Artillery Battalion**
 13.04.1942 Bn Hqs: 3 mcl; 1 mcl w/sc; 1 car (1); 3 cars (15).

KStN 594 *) **Headquarters Battery, Motorized Recoilless Artillery Battalion**
 1.03.1943 Bty Hqs: 2 VW (1).
 Signal Plt: Hqs Sect: 1 car (15); 1 truck (1.5-ton).
 1 Med Tele Sect *b*: 1 car (15); 1 van (76).
 3 Lt Tele Sect *c*: 1 car (15).
 4 Pack Radio Sect *d*: 1 car (2).
 1 Lt Radio Sect: 1 van (1.5-ton).
 Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 1 VW (1); 1 AA car (4 w/ dual MG).
 Bn Maint Det: 1 car (light); 6 trucks (medium).
KStN 529 (gek) *) Calibration Sect: 1 mcl; 1 car (3); 2 vans (1.5-ton).
 1.11.1941

KStN 438 *) **Motorized 105mm Recoilless Gun Battery**
 1.11.1941 Bty Hqs: 1 mcl; 4 cars (1).
 Signal Det: Hqs Sect: 1 car (15).
 2 Med Tele Sect *b*: 1 car (15); 1 van (76).
 3 Pack Radio Sect *f*: 1 car (2).
 Gun Plt: Hqs Sect: 1 mcl; 1 car (1); 1 AA car (4 w/ dual MG); 1 car (15); 1 halftrack (10).
 Ammo Sect: 1 car (light); 2 trucks (3-ton).
 2 Gun Sect: 2 halftracks (10); 2 Recoilless Guns (105mm – towed).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 4 trucks (medium).

NOTES:

The recoilless 105mm guns were light, highly mobile weapons, created especially for the Luftwaffe airborne troops. The Army also found it a useful weapon in the arctic, where permafrost was a major problem. This light, recoilless weapon delivered approximately the same payload as a 105mm light field howitzer, albeit at shorter ranges.

There was one Motorized Recoilless 105mm Gun Battalion as well as four independent batteries in the German Army on 4.07.1943. They were:

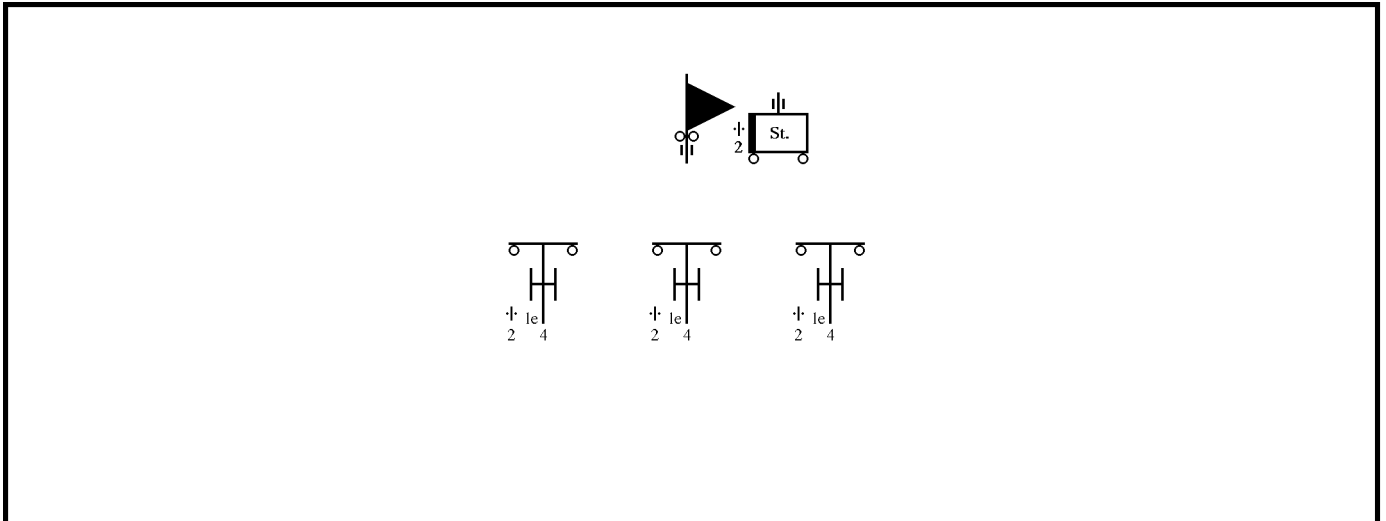
- 424. LG Abteilung (mot)
- 423. independent LG Batterie (mot)
- 429. independent LG Batterie (mot)
- 433. independent LG Batterie (mot)
- 443. independent LG Batterie (mot)

Specifications of the 105mm Recoilless Guns:

Designation:	10,5cm LG2 42 (Rh)	10,5cm LG2 40/2 (Kp)
Manufactured by:	Dürrkopp	Krupp
Introduced in:	1941	1941
Trailer loads:	one	one
Caliber:	105mm	105mm
Barrel length:	L/17.5	L/18
Range:	ca. 8,000 meters	ca. 8,000 meters
Ammo weight:	14.8 kilos	14.8 kilos
Unlimbered weight:	490 kilos	431 kilos
Limbered weight:	550 kilos	476 kilos
Traverse:	35° / 35°	40° / 40°
Elevation:	- 15° to +42°	- 15° to +42°
Rate of Fire:	7 rpm	7 rpm

(Rh) = Rheinmetall (Kp) = Krupp

LECHTE ARTILLERIE-ABTEILUNG (motorisiert)
Motorized Light Artillery Battalion

**KStN 406**

1.11.1941

Headquarters, Motorized Artillery Battalion

Bn Hqs: 3 mcl; 1 mcl w/sc; 1 car (1); 3 cars (15); 1 truck (medium).

KStN 584

1.11.1941

Headquarters Battery, Motorized Artillery Battalion

Bty Hqs: 1 car (15).

Signal Plt: Hqs Sect: 1 car (15); 1 truck (1.5-ton).

1 Med Tele Sect *b*: 1 car (15); 1 van (76).3 Lt Tele Sect *c*: 1 car (15).1 Pack Radio Sect *b*: 1 car (2).3 Pack Radio Sect *b*: ride in Headquarters Section truck.1 Lt Radio Sect *c*: 1 van (17/1).

Calibration Sect: 1 mcl; 1 car (3); 1 truck (1.5-ton).

Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).

Bn Main Det: 1 car (light); 4 trucks (medium).

Bn Trains: 4 mcl; 3 cars (light); 1 AA car (4 w/ dual MG); 5 trucks (medium).

KStN 434

1.11.1941

Motorized 105mm Light Field Howitzer Battery

Bty Hqs: 3 mcl; 3 cars (15).

Signal Det: Hqs Sect: 1 car (15).

1 Med Tele Sect *b*: 1 car (15); 1 van (76).1 Lt Tele Sect *c*: 1 car (15).1 Pack Radio Sect *b*: 1 car (2).

Gun Plt: Hqs Sect: 1 mcl; 1 car (1); 1 AA car (4 w/ dual MG); 1 car (15); 1 halftrack (11).

Ammo Det: 1 car (light); 4 trucks (3-ton).

2 Gun Sect: 2 halftracks (11); 2 Lt Field Howitzers (105mm – towed).

Maint Sect: 1 mcl w/sc; 1 car (2/40).

Bty Trains: 1 truck (light); 3 trucks (medium).

NOTES:

The German Army considered that GHQ artillery should be heavy, not light. There were a few exceptions before 1943, but these were raised by local commands. Severe losses during the winter 1942/43 battles forced the Germans to form new artillery battalions equipped with whatever equipment there was. With the exception of the 555th Motorized Light Artillery Battalion in the West, all battalions indicated below were incorporated by Fall 1943 into regular artillery regiments, or converted to heavy equipment.

The 105mm light field howitzer was the standard artillery weapon of almost all German divisions, and was available in large quantities.

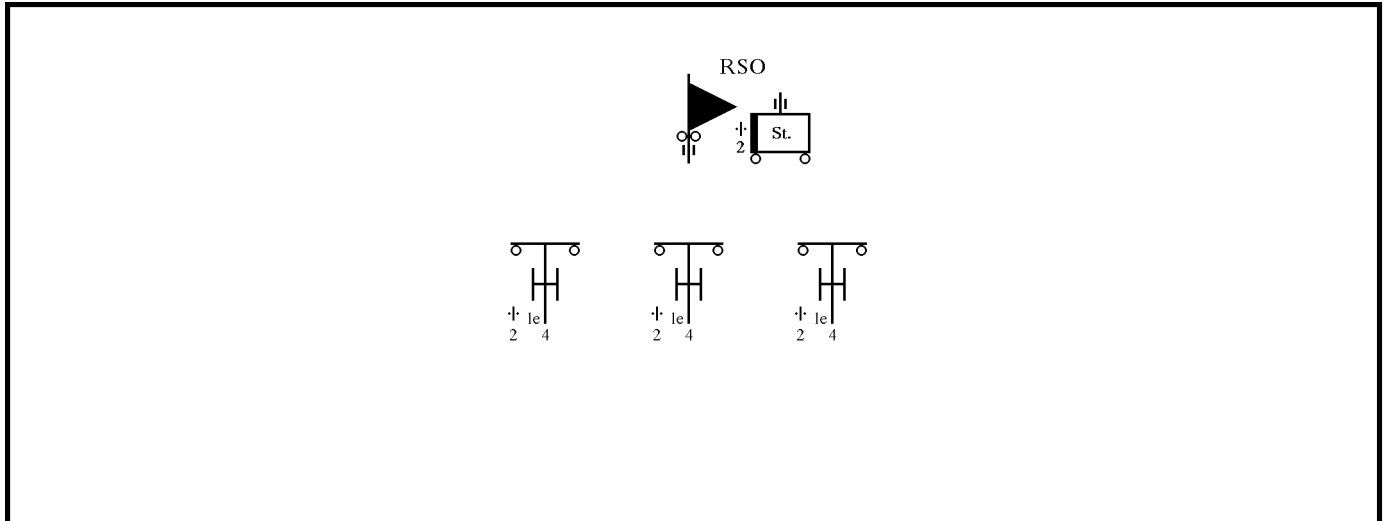
On 4.07.1943, there were 6 Motorized Light Artillery Battalions:

Battalion	Raised	Source
I/127.	01.03.1943	(2 batteries; from remnants of 27. Pz.Div. artillery)
II./140.	28.02.1943	(from remnants of 21. Pz.Div. artillery)
520.	22.03.1941	(2 ad-hoc motorized coastal batteries; in Norway)
555.	06.03.1943	(1st Battery had 10,5cm le. FH 30(t); in Holland)
934.	02.12.1942	(“Krimhilde” emergency mobilization unit)
935.	02.12.1942	(“Krimhilde” emergency mobilization unit)

Specifications of the 105mm Light Field Howitzer

	10,5cm le. FH 18	10,5cm le. FH 30(t)
Designation:	10,5cm le. FH 18	10,5cm le. FH 30(t)
Manufactured by:	Krupp, etc.	Skoda
Introduced in:	1935	1939
Trailer loads:	one	one
Caliber:	105mm	105mm
Barrel length:	L/28	L/24
Range:	10,675 meters	10,600 meters
Ammo weight:	14.81 kilos	16 kilos
Unlimbered weight:	2,040 kilos	1,798 kilos
Limbered weight:	3,490 kilos	?
Traverse:	56°	?
Elevation:	- 5° to +42°	?
Rate of Fire:	4 to 6 rpm	?

LECHTE ARTILLERIE-ABTEILUNG (RSO)
Motorized Light Artillery Battalion (RSO)



KSStN 406b * **Headquarters, Motorized Artillery Battalion (RSO)**
 15.03.1943 Bn Hqs: 3 mcl; 1 mcl w/sc; 1 car (1); 3 cars (15); 1 RSO.

KSStN 584b * **Headquarters Battery, Motorized Artillery Battalion (RSO)**
 15.03.1943 Bty Hqs: 2 mcl; 2 cars (15).
 Signal Plt: Hqs Sect: 1 mcl w/sc.
 1 Med Tele Sect *b*: 1 car (15); 1 van (76).
 3 Lt Tele Sect *c*: 1 car (15).
 4 Pack Radio Sect *b*: 1 car (2).
 1 Lt Radio Sect *c*: 1 van (17).
 Calibration Sect: 1 mcl; 1 car (3); 1 truck (1.5-ton).
 Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bn Maint Det: 1 car (1); 3 RSO; 3 trailers (equipment).
 Bn Trains: 4 mcl; 3 cars (light); 1 AA car (4 w/ dual MG); 8 RSO; 4 trailers (equipment).

KSStN 434b * **Motorized 105mm Light Field Howitzer Battery (RSO)**
 15.03.1943 Bty Hqs: 1 mcl; 3 cars (1).
 Signal Det: Hqs Sect: 1 car (15).
 1 Med Tele Sect *b*: 1 car (15); 1 van (76).
 1 Lt Tele Sect *c*: 1 car (15).
 3 Pack Radio Sect *b*: 1 car (2).
 Gun Plt: Hqs Sect: 1 mcl; 1 car (1); 1 car (4 w/ dual MG); 1 car (15); 2 RSO; 2 trailers (equipment).
 Ammo Det: 1 car (1); 4 RSO; 2 trailers (ammo).
 2 Gun Sect: 2 RSO; 2 lt Field Howitzers (105mm – towed).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 4 RSO.

NOTES:

On 4.07.1943, there were 23 Motorized Light Artillery Battalions (RSO):

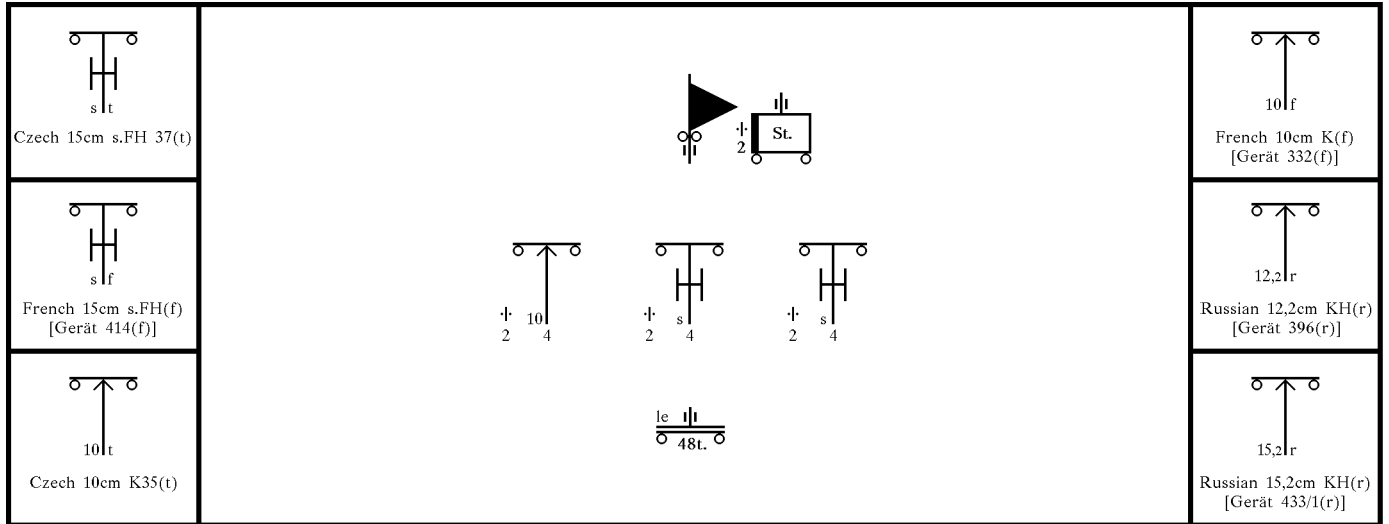
Battalion	Raised	Source
II./46.	10.06.1943	(new; after destruction in Stalingrad)
II./53.	10.05.1943	(new; after destruction in Stalingrad)
II./54.	15.04.1943	(new; after destruction in Stalingrad)
II./59.	01.05.1943	(new; after destruction in Stalingrad)
II./64.	05.1943	(new; after destruction in Stalingrad)
II./65.	14.05.1943	(new; after destruction in Stalingrad)
II./72.	05.1943	(new; after destruction in Stalingrad)
L/77.	01.04.1943	(reequipped after heavy losses at Don River)
I./108.	15.04.1943	(reequipped after heavy losses at Don River)
425.	15.04.1943	(new; from remnants of units lost in Stalingrad)
426.	05.04.1943	(new; from remnants of units lost at AG North)
430.	05.1943	(new; after destruction in Stalingrad)
602.	31.05.1943	(new; after destruction in southern Russia)
616.	30.04.1943	(new; after destruction in Stalingrad)
631.	26.05.1943	(new; after destruction in Stalingrad)
733.	01.07.1943	(new; after destruction in Stalingrad)
II./818.	06.05.1943	(reequipped after heavy losses at Don River)
III./818.	05.1943	(reequipped after heavy losses at Don River)
849.	10.05.1943	(new; after destruction in Stalingrad)
851.	15.05.1943	(new; after destruction in Stalingrad)
855.	29.04.1943	(new; after destruction in Stalingrad)
860.	05.04.1943	(new; from remnants of units lost in AG Center)
861.	26.03.1943	(new; after destruction at Don River)

The Germans reformed all artillery battalions lost on the East Front during the Winter 1942/43 battles. Insufficient weapons and vehicles meant that the new units had to be equipped with 105mm light field howitzers and RSO's, (i.e., *Raupenschlepper Ost*, lit. "tracked prime mover East"), a fully-tracked vehicle specially developed for the East Front, with a maximum speed of only 17 km/h. (About twice the speed of a horse-drawn gun, and about one third the speed of a halftrack prime mover).

Specifications of the 105mm Light Field Howitzer

Designation:	10,5cm leichte Feldhaubitze 18
Manufactured by:	Schichau / Menck & Hombrock / Krupp
Introduced in:	1935
Trailer loads:	one
Caliber:	105mm
Barrel length:	L/28
Range:	10,675 meters
Ammo weight:	14.81 kilos
Unlimbered weight:	2,040 kilos
Limbered weight:	3,490 kilos
Traverse:	56°
Elevation:	- 5° to +42°
Rate of Fire:	4 to 6 rounds per minute

SCHWERE ARTILLERIE-ABTEILUNG (motorisiert)
Motorized Heavy Artillery Battalion



KStN 406 **Headquarters, Motorized Artillery Battalion**
1.11.1941 Bn Hqs: 3 mcl; 1 mcl w/sc; 1 car (1); 3 cars (15); 1 truck (medium).

KStN 584 **Headquarters Battery, Motorized Artillery Battalion**
1.11.1941 Hqs Sect: 1 car (15).
Signal Plt: Hqs Sect: 1 car (15); 1 truck (2-ton).
1 Med Tele Sect b: 1 car (15); 1 van (76).
3 Lt Tele Sect c: 1 car (15).
3 Pack Radio Sect d: ride in Platoon Headquarters truck.
1 Pack Radio Sect d: 1 car (2).
1 Lt Radio Sect c: 1 van (17/1).
Calibration Det: 2 mcl; 1 car (3); 1 truck (2-ton).
Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
Bn Maint Det: 1 car (light); 5 trucks (medium).
Bn Trains: 1 car (light); 1 AA car (4 w/ dual MG); 2 trucks (light); 4 trucks (medium).

KStN 462 *) **Motorized Heavy Field Howitzer Battery**
1.11.1941 Bty Hqs: 3 mcl; 3 cars (15).
Signal Det: Hqs Sect: 1 car (15).
1 Med Tele Sect b: 1 car (15); 1 van (76).
1 Lt Tele Sect c: 1 car (15).
1 Pack Radio Sect f: 1 car (2).
1 Lt Radio Sect c: 1 van (17/1).
Gun Plt: Hqs Sect: 1 mcl; 1 car (1); 1 AA car (4 w/ dual MG); 1 car (15); 1 halftrack (7).
Ammo Sect: 1 car (light); 4 trucks (3-ton).
2 Gun Sect: 2 halftracks (7); 2 Heavy Field Howitzers (150mm – towed).
Maint Sect: 1 mcl w/sc; 1 car (2/40).
Bty Trains: 4 trucks (medium).

KStN 454 **Motorized Heavy Gun/Gun-Howitzer Battery**
1.11.1941 Bty Hqs: 3 mcl; 3 cars (15).
Signal Det: Hqs Sect: 1 car (15).
1 Med Tele Sect b: 1 car (15); 1 van (76).
1 Lt Tele Sect c: 1 car (15).
1 Pack Radio Sect f: 1 car (2).
1 Lt Radio Sect c: 1 van (17/1).
Gun Plt: Hqs Sect: 1 mcl; 1 car (1); 1 AA car (4 w/ dual MG); 1 car (15); 1 halftrack (7).
Ammo Sect: 1 car (light); 4 trucks (3-ton).
2 Gun Sect: 2 halftracks (7); 2 Heavy Guns/Gun-Howitzers (towed).
Maint Sect: 1 mcl w/sc; 1 car (2/40).
Bty Trains: 4 trucks (medium).

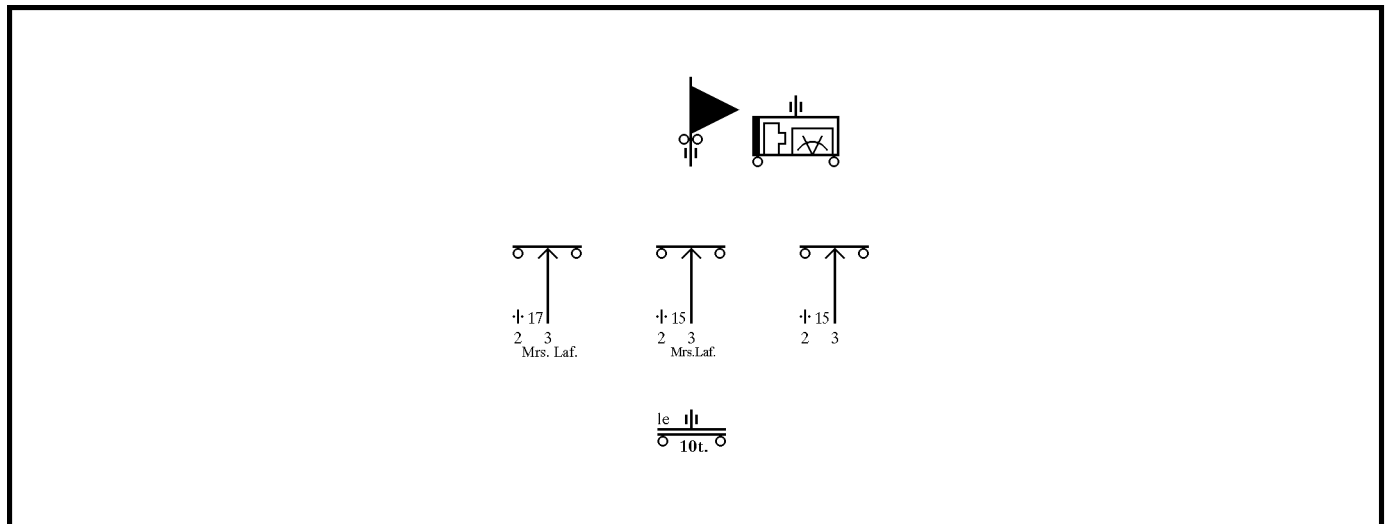
KStN 511 **Motorized Light Artillery Column** (The column capacity was achieved by varying the number of trucks authorized)
1.03.1943 Col: 2 mcl; 1 mcl w/sc; 2 trucks (light); 16 trucks (medium).

Battalion / Column / Composition & Equipment	Battalion / Column / Composition & Equipment	Battalion / Column / Composition & Equipment
II/37 48t. 3 Batteries sFH 18	101 48t. 3 Batteries sFH 18	460 none 2 Batteries 15,2cm KH(r) & 1 Battery 12,2cm KH(r)
II/39 48t. 3 Batteries sFH 18	I/106 24t. 2 Batteries sFH 18 & 1 Battery 10cm K18	611 18t. 3 Batteries 10cm K18
II/40 39t. 3 Batteries sFH 18	IV/109 24t. 2 Batteries sFH 18 & 1 Battery 10cm K18	633 12t. 3 Batteries 10cm K18
II/41 18t. 3 Batteries 10cm K18	III/140 39t. 2 Batteries sFH 18 & 1 Battery 10cm K18	634 18t. 3 Batteries 10cm K18
II/42 48t. 3 Batteries sFH 18	151 18t. 3 Batteries 10cm K18	709 12t. 3 Batteries 10cm K18
II/43 48t. 2 Batteries sFH 18 & 1 Battery 10cm K18	153 18t. 3 Batteries 10cm K18	711 12t. 3 Batteries 10cm K18
II/47 48t. 2 Batteries sFH 18 & 1 Battery 10cm K18	154 48t. 3 Batteries sFH 37(t)	716 12t. 3 Batteries sFH 414(f)
II/52 39t. 2 Batteries sFH 18 & 1 Battery 10cm K18	422 48t. 2 Batteries sFH 18 & 1 Battery 10cm K18	730 none 3 Batteries 10cm K35(t) + 1./477. Batterie (leFH)
II/57 18t. 3 Batteries 10cm K18	427 18t. 3 Batteries 10cm K18	737 32t. 3 Batteries sFH 37(t)
II/58 48t. 3 Batteries sFH 18	436 18t. 3 Batteries 10cm K18	1/818 18t. 3 Batteries 10cm K18
II/60 18t. 3 Batteries 10cm K18	445 18t. 3 Batteries 10cm K18	841 48t. 3 Batteries sFH 18
II/61 24t. 3 Batteries sFH 18	450 none 3 Batteries sFH 18	842 18t. 3 Batteries 10cm K18
II/62 18t. 3 Batteries 10cm K18	451 none 2 Batteries sFH 18 & 1 Battery 10cm K18	843 48t. 3 Batteries sFH 18
II/63 48t. 3 Batteries sFH 18	496 none 3 Batteries 10cm K332(f)	844 48t. 3 Batteries sFH 18
II/66 48t. 3 Batteries sFH 18	506 none 3 Batteries sFH 18	845 none 3 Batteries sFH 18
II/67 48t. 3 Batteries sFH 18	526 48t. 3 Batteries sFH 18	846 48t. 3 Batteries sFH 18
II/68 18t. 3 Batteries 10cm K18	536 48t. 3 Batteries sFH 18	848 none 3 Batteries sFH 18
II/69 18t. 3 Batteries 10cm K18	456 none 2 Batteries 15,2cm KH(r) & 1 Battery 12,2cm KH(r)	850 48t. 3 Batteries sFH 18
II/71 24t. 2 Batteries sFH 18 & 1 Battery 10cm K18	457 none 2 Batteries 15,2cm KH(r) & 1 Battery 12,2cm KH(r)	852 18t. 3 Batteries sFH 18

Specifications of the Heavy Field Howitzers, Heavy Guns, and Heavy Gun-Howitzers:

Designation:	s.FH 18	s.FH 37(t)	s.FH 414(f)	10cm K18	10cm K35(t)	10cm K332(f)	12,2cm KH(r)	15,2cm KH(r)
Manufactured by:	Rheinmetall & Krupp	Skoda	Schneider/Le Creusot	Rheinmetall & Krupp	Skoda	?	?	?
Introduced in:	1933/34	1939	1917	1933/34	1939	?	1937	1934
Trailer loads:	one	one	one	one	one	one	one	one
Caliber:	149.1mm	150mm	155mm	105mm	105mm	105mm	121.9mm	152.4mm
Barrel length:	L/29.5	L/24	L/15	L/52	L/42	L/38	L/14	L/32.3
Range:	13,325 m	15,750 m	10,500 m	19,075 m	18,300 m	16,000 m	8,900 m	17,250 m
Ammo weight:	43.5 kilos	42 kilos	43 kilos	15.1 kilos	18 kilos	17 kilos	21.9 kilos	43.5 kilos
Unlimbered weight:	5,512 kilos	5,320 kilos	3,300 kilos	5,542 kilos	4,200 kilos	3,920 kilos	1,450 kilos	7,100 kilos
Limbered weight:	6,304 kilos	?	?	6,434 kilos	?	?	?	?
Traverse:	60° / 60°	?	?	60° / 60°	?	?	?	?
Elevation:	0° to +45°	?	?	0° to +45°	?	?	?	?

SCHWERER KANONEN-ABTEILUNG (motorisiert)
Motorized Heavy Gun Battalion



KStN 406 **Headquarters, Motorized Artillery Battalion**
 1.11.1941 Bn Hqs: 3 mcl; 1 mcl w/sc; 1 car (1); 3 cars (15).

KStN 593 * **Headquarters Battery, Motorized Artillery Battalion**
 1.11.1941 Hqs Sect: 1 mcl w/sc.
 Signal Plt: Hqs Sect: 1 car (15).
 1 Hvy Tele Sect a: 1 car (15); 1 van (76).
 2 Med Tele Sect b: 1 car (15); 1 van (23).
 3 Lt Tele Sect c: 1 car (15).
 6 Pack Radio Sect f: 1 car (2).
 2 Lt Radio Sect c: 1 van (17/1).
 Calibration Plt: Hqs Sect: 1 car (3); 1 truck (2-ton).
 3 Sect: 2 mcl; 1 car (3); 1 truck (2-ton).
 Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bn Maint Det: 1 car (light); 5 trucks (medium).
 Bn Trains: 1 car (light); 1 AA car (4 w/ dual MG); 2 trucks (light); 4 trucks (medium).

KStN 473 * **Motorized 150mm Gun Battery**
 1.11.1941 Bty Hqs: 4 mcl; 2 cars (15).
 Signal Det: Hqs Sect: 1 car (15).
 1 Med Tele Sect b: 1 car (15); 1 van (23).
 1 Hvy Tele Sect a: 1 car (2); 1 van (76).
 3 Pack Radio Sect f: 1 car (2).
 Gun Plt: Hqs Sect: 4 mcl; 1 car (1); 1 AA car (4 w/ dual MG); 2 cars (15).
 2 Ammo Sect: 2 mcl; 1 car (1); 4 trucks (3-ton).
 3 Gun Sect: 2 halftracks (8); one 150mm Gun in two loads – towed (barrel & cradle).
 Support Sect: 5 trucks (4.5-ton).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 4 trucks (medium).

KStN 475 * **Motorized 170mm Gun Battery**
 1.11.1941 Bty Hqs: 4 mcl; 2 cars (15).
 Signal Det: Hqs Sect: 1 car (15).
 1 Med Tele Sect b: 1 car (15); 1 van (23).
 1 Hvy Tele Sect a: 1 car (2); 1 van (76).
 3 Pack Radio Sect f: 1 car (2).
 Gun Plt: Hqs Sect: 4 mcl; 1 car (1); 1 AA car (4 w/ dual MG); 2 cars (15).
 3 Gun Sect: 2 halftracks (8); one 170mm Gun in two loads – towed (barrel & cradle).
 Support Sect: 5 trucks (4.5-ton).
 Ammo Det: 2 mcl; 1 car (1); 4 trucks (3-ton).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 4 trucks (medium).

KStN 511 **Motorized Light Artillery Column** (The column capacity was achieved by varying the number of trucks authorized)
 1.03.1943 Col: 2 mcl; 1 mcl w/sc; 2 trucks (light); 16 trucks (medium).

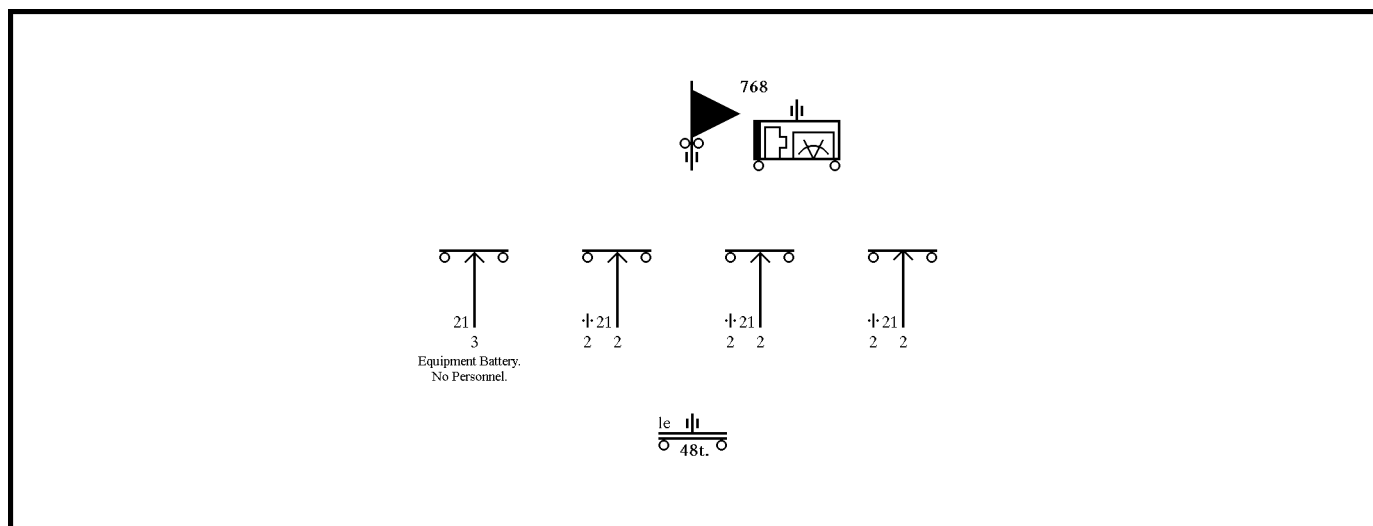
Unit	Composition & Equipment
763	3 Batteries 17cm K18
764	3 Batteries 17cm K18
767	1 Battery 15cm K18, 1 Battery 15cm SK C/28, 10-ton Column
II./84	2 Batteries 17cm K18, 1 Battery 24cm Kan(t)
435	17cm K18 (independent Battery)(only 2 Guns)
1./511	15cm K18 (independent Battery)
2./511	15cm K18 (independent Battery)
3./511	15cm K18 (independent Battery)
557	3 Batteries 17cm K18
1./620	15cm K18 (independent Battery)
2./620	15cm K18 (independent Battery)
3./620	15cm K18 (independent Battery)
525	15cm K18 (independent Battery)
1./680	15cm K18 (independent Battery)
2./680	15cm K18 (independent Battery)
3./680	15cm K18 (independent Battery)
1./731	15cm K18 (independent Battery)
2./731	15cm K18 (independent Battery)
3./731	15cm K18 (independent Battery)
1./740	15cm K18 (independent Battery)
2./740	15cm K18 (independent Battery)
3./740	15cm K18 (independent Battery)
1./817	17cm K18 (independent Battery)
2./817	17cm K18 (independent Battery)
3./817	17cm K18 (independent Battery)

NOTES:
 The 15cm Kanone 18 were being replaced by the 170mm guns. However, the 150mm versions continued in service until the end of the war. The 15cm Seekanone SK C/28 were naval guns taken over by the Army.
 The 17cm Kanone 18 gun was the only new gun the Germans introduced during World War II. It was equipped with the cradle and base of the 210mm heavy howitzer, which allowed it to be traversed 360°.

Specifications of the Heavy 150mm and 170mm Guns			
Designation:	15cm SK C/28 auf Mörserlafette	15cm K18	17cm Kanone 18 auf Mörserlafette
Manufactured by:	Krupp	Rheinmetall	Hanomag
Introduced in:	1940	1938	1941
Trailer loads:		two	two
Caliber:	150mm	149.1mm	172.5mm
Barrel length:	L/54.9	L/55	L/50
Range:	24,700 m	24,800 m	31,000 m
Shell weight:	45.3 kilos	43.0 kilos	71 kilos
Unlimbered weight:	16,870 kilos	12,460 kilos	17,519 kilos
Limbered weight:	22,198 kilos *)	18,700 kilos *)	23,375 kilos *)
Traverse:	16° / 16°	11° / 11°	360°
Elevation:	0° to +70°	-2° to +43°	0° to +50°
Rate of Fire:	2 rpm	2 rpm	2 rpm

(*) including both trailers (one for the barrel and one for the cradle)

**21cm SCHWERE KANONEN-ABTEILUNG (motorisiert)
Motorized 210mm Heavy Gun Battalion**

**KStN 406**

1.11.1941

Headquarters, Motorized Artillery Battalion

Bn Hqs: 3 mcl; 1 mcl w/sc; 1 car (1); 3 cars (15).

KStN 593 *)

1.11.1941

Headquarters Battery, Motorized Artillery Battalion

Hqs Sect: 1 mcl w/sc.

Signal Plt:

Hqs Sect: 1 car (15).

1 Hvy Tele Sect *a*: 1 car (15); 1 van (76).2 Med Tele Sect *b*: 1 car (15); 1 van (23).3 Lt Tele Sect *c*: 1 car (15).6 Pack Radio Sect *f*: 1 car (2).2 Lt Radio Sect *e*: 1 van (17/1).

Calibration Plt: Hqs Sect: 1 car (3); 1 truck (2-ton).

3 Sect: 2 mcl; 1 car (3); 1 truck (2-ton).

Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).

Bn Maint Det: 1 car (light); 5 trucks (medium).

Bn Trains: 1 car (light); 1 AA car (4 w/ dual MG); 2 trucks (light); 4 trucks (medium).

KStN 477 *)

1.11.1941

Motorized 210mm Gun Battery

Bty Hqs: 4 mcl; 2 cars (15).

Signal Det:

Hqs Sect: 1 car (15).

1 Hvy Tele Sect *a*: 1 car (2); 1 van (23).2 Med Tele Sect *b*: 1 car (15); 1 van (76).3 Pack Radio Sect *f*: 1 car (2).

Gun Plt:

Hqs Sect: 4 mcl; 1 car (1); 1 AA car (4 w/ dual MG); 2 cars (15).

2 Gun Sect: 3 halftracks (9); one 210mm Gun in three loads – towed (barrel, cradle, platform/base).

Support Sect: 2 trucks (4.5-ton).

1st Ammo Det: 2 mcl; 1 car (1); 4 trucks (4.5-ton).

2nd Ammo Det: 1 mcl; 4 trucks (heavy).

Maint Sect: 1 mcl w/sc; 1 car (2/40).

Bty Trains: 1 mcl; 4 trucks (light); 2 trucks (medium).

KStN 511

1.03.1943

Motorized Light Artillery Column (The column capacity was achieved by varying the number of trucks authorized)

Col: 2 mcl; 1 mcl w/sc; 2 trucks (light); 16 trucks (medium).

NOTES:

There was only the 768th Motorized Heavy 210mm Gun Battalion in the German Army on 4.07.1943. The fourth battery was equipment reserve, and had no personnel.

With a muzzle velocity of 800 meters per second, this 210mm gun was counted amongst the long-range, flat-trajectory, heavy artillery of the German Army's arsenal. It fired both concrete-piercing (concrete) and high explosive (HE) rounds.

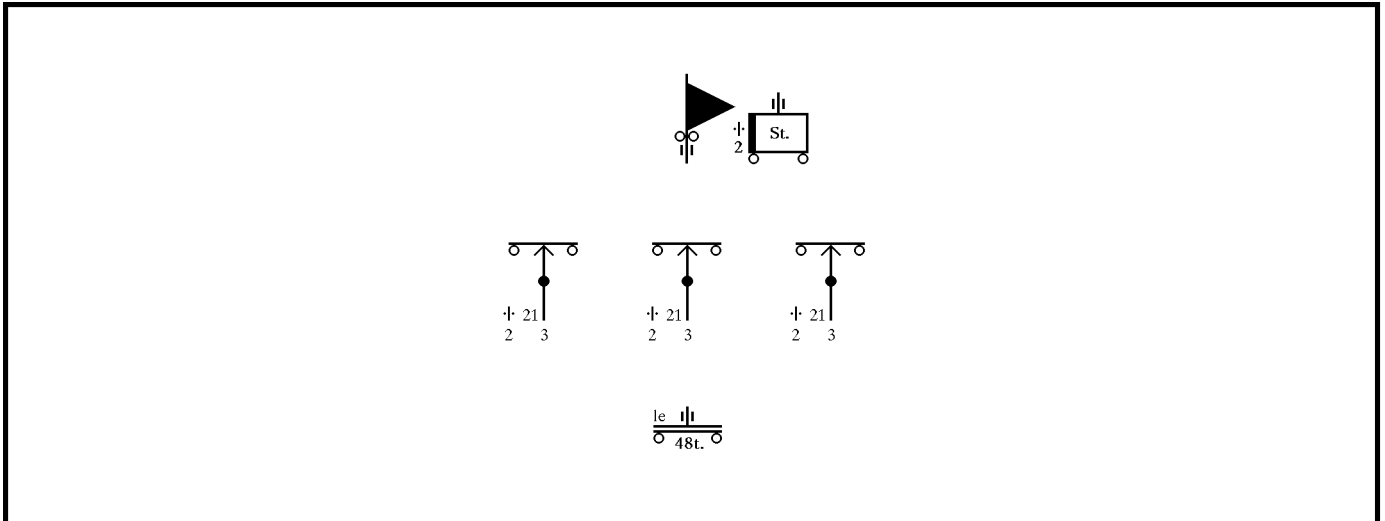
The 21cm Kanone K39 took considerable time to unlimber, and was normally used tactically in a static role. However, the batteries were completely motorized, which allowed them to be considered as mobile from an operational point of view. Strategically, the batteries were moved by rail.

Specifications of the 210mm Gun

Designation:	21cm Kanone 39 (21cm K39)
Manufactured by:	Skoda
Introduced in:	1939
Trailer loads:	three
Caliber:	210mm
Barrel length:	L/49
Range:	28,000 (concrete) / 29,925 meters (HE)
Ammo weight:	155 kilos (concrete) / 135 kilos (HE)
Unlimbered weight:	38,000 kilos
Limbered weight:	49,100 kilos*
Traverse:	360°
Elevation:	-4° to +46°
Rate of Fire:	ca. 1 rpm

*) including three trailers (one each for the barrel, cradle, platform/base)

21cm MÖRSER-ABTEILUNG (motorisiert)
Motorized 210mm Howitzer Battalion



KStN 406
 1.11.1941 **Headquarters, Motorized Artillery Battalion**
 Bn Hqs: 3 mcl; 1 mcl w/sc; 1 car (1); 3 cars (15).

KStN 584
 1.11.1941 **Headquarters Battery, Motorized Artillery Battalion**
 Hqs Sect: 1 car (15).
 Signal Plt: Hqs Sect: 1 car (15); 1 truck (2-ton).
 1 Med Tele Sect *b*: 1 car (15); 1 van (76).
 3 Lt Tele Sect *c*: 1 car (15).
 3 Pack Radio Sect *d*: ride in Platoon Headquarters truck.
 1 Pack Radio Sect *e*: 1 car (2).
 1 Lt Radio Sect *c*: 1 van (17/1).
 Calibration Det: 2 mcl; 1 car (3); 1 truck (2-ton).
 Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bn Maint Det: 1 car (light); 5 trucks (medium).
 Bn Trains: 1 car (light); 1 AA car (4 w/ dual MG); 2 trucks (light); 4 trucks (medium).

KStN 485 *)
 1.11.1941 **Motorized 210mm Howitzer Battery**
 Bty Hqs: 4 mcl; 2 cars (15).
 Signal Det: Hqs Sect: 1 car (15).
 1 Med Tele Sect *b*: 1 car (15); 1 van (23).
 2 Lt Tele Sect *c*: 1 car (15).
 2 Pack Radio Sect *f*: 1 car (2).
 1 Pack Radio Sect *f*: rides in one of the other Signal Platoon vehicles.
 Gun Plt: Hqs Sect: 4 mcl; 1 car (1); 1 AA car (4 w/ dual MG); 2 cars (15).
 2 Gun Sect: 2 halftracks (8); one 210mm Howitzer in two loads – towed (barrel & cradle).
 Support Sect: 5 trucks (4.5-ton); 1 halftrack (8).
 1st Ammo Det: 2 mcl; 1 car (1); 4 trucks (4.5-ton).
 2nd Ammo Det: 1 mcl; 4 trucks (heavy).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 1 mcl; 4 trucks (light); 2 trucks (medium)

KStN 511
 1.03.1943 **Motorized Light Artillery Column** (The column capacity was achieved by varying the number of trucks authorized)
 Col: 2 mcl; 1 mcl w/sc; 2 trucks (light); 16 trucks (medium).

NOTES:

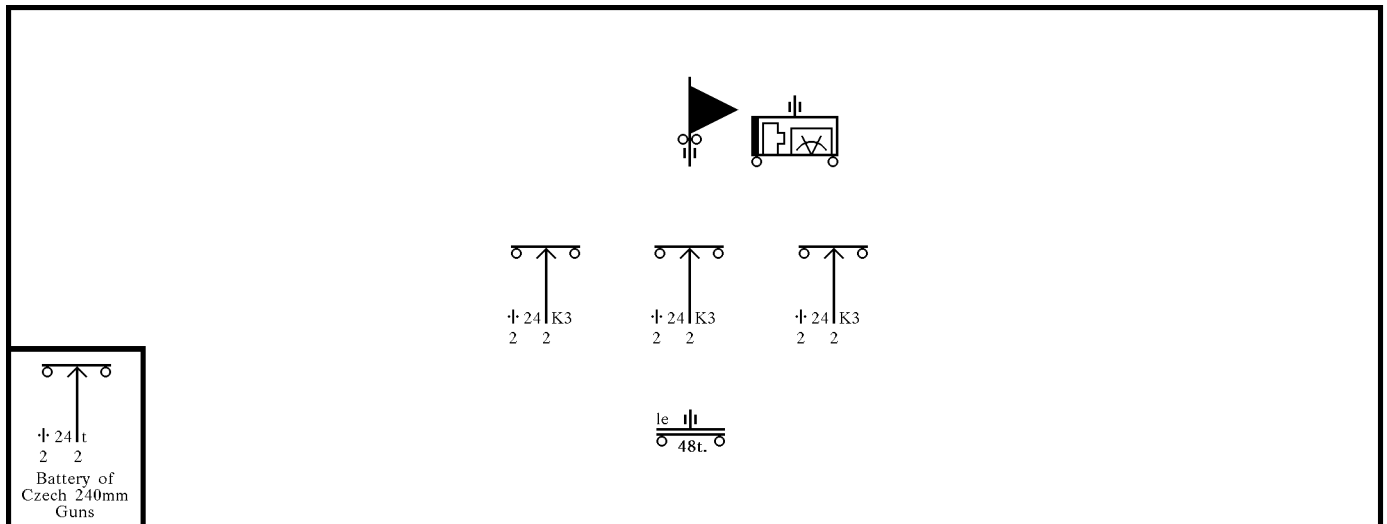
There were 20 of these Motorized 210mm Howitzer Battalions 4.07.1943.

The 210mm howitzer was the main heavy high-trajectory weapon the German Army used in World War II. It was introduced in 1939. Once it was ready to fire, its 360° traverse and long range meant that it could remain in place for longer than most weapons with a limited traverse.

Battalion	Column Capacity	Composition & Equipment
III./109	48t.	
604	48t.	
607	48t.	
615	48t.	
635	48t.	
636	none	
637	none	
732	48t.	2. & 3. Batteries with 17cm K18
735	48t.	
736	48t.	
777	none	
808	48t.	
809	48t.	
816	48t.	
833	none	only 2 batteries
854	none	
856	none	
857	48t.	
858	48t.	
859	none	

Specifications of the 210mm Howitzer		
Designation:	21cm Mörser 18	Mörser 22cm 531(f) (21cm M18)
Manufactured by:	Krupp	?
Introduced in:	1939	1942
Trailer loads:	two	two
Caliber:	210.9mm	220mm
Barrel length:	L/31	L/10.4
Range:	18,000 meters	10,860 meters
Ammo weight:	121.4 / 113 kilos	100.5 kilos
Unlimbered weight:	17,372 kilos	7,910 kilos
Limbered weight:	22,700 kilos*	?
Traverse:	16° / 16° **	?
Elevation:	0° to +70°	?
Rate of Fire:	1 rpm	1 rpm
*) Including two trailers (one each for the barrel & cradle)		
**) When mounted on the base plate, traverse is 360°		

24cm KANONEN-ABTEILUNG (motorisiert) Motorized 240mm Gun Battalion



KStN 406
1.11.1941

Headquarters, Motorized Artillery Battalion
Bn Hqs: 3 mcl; 1 mcl w/sc; 1 car (1); 3 cars (15).

KStN 593 *)
1.11.1941

Headquarters Battery, Motorized Artillery Battalion
Hqs Sect: 1 mcl w/sc.
Signal Plt: Hqs Sect: 1 car (15).
1 Hvy Tele Sect *a*: 1 car (15); 1 van (76).
2 Med Tele Sect *b*: 1 car (15); 1 van (23).
3 Lt Tele Sect *c*: 1 car (15).
6 Pack Radio Sect *f*: 1 car (2).
2 Lt Radio Sect *c*: 1 van (17/1).
Calibration Plt: Hqs Sect: 1 car (3); 1 truck (2-ton).
3 Sect: 2 mcl; 1 car (3); 1 truck (2-ton).
Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
Bn Maint Det: 1 car (light); 5 trucks (medium).
Bn Trains: 1 car (light); 1 AA car (4 w/ dual MG); 2 trucks (light); 4 trucks (medium).

KStN 490
1.11.1941

Motorized 240mm Gun Battery (K3)
Bty Hqs: 2 mcl; 2 cars (15).
Signal Det: Hqs Sect: 1 car (15).
1 Hvy Tele Sect *a*: 1 car (2); 1 van (23).
2 Pack Radio Sect *f*: 1 car (2).
1 Pack Radio Sect *f*: rides in other Signal Platoon vehicles.
1 Lt Radio Sect *c*: 1 van (17/1).
Gun Plt: Hqs Sect: 1 mcl; 2 cars (1); 1 AA car (4 w/ dual MG); 1 car (15).
2 Gun Sect: 5 halftracks (8); one 240mm Gun in five loads – towed (barrel, left cradle, right cradle, platform, base).
Support Sect: 1 truck (heavy); 1 halftrack (8).
Ammo Det: 1 car (light); 5 trucks (heavy).
Maint Sect: 1 mcl w/sc; 1 car (2/40).
Bty Trains: 1 truck (medium); 2 trucks (heavy).

KStN 491
1.11.1941

Motorized 240mm Gun Battery (Czech)
Bty Hqs: 2 mcl; 2 cars (15).
Signal Det: Hqs Sect: 1 car (15).
1 Hvy Tele Sect *a*: 1 car (2); 1 van (23).
2 Pack Radio Sect *f*: 1 car (2).
1 Pack Radio Sect *f*: rides in other Signal Platoon vehicles.
1 Lt Radio Sect *c*: 1 van (17/1).
Gun Plt: Hqs Sect: 1 mcl; 2 cars (1); 1 AA car (4 w/ dual MG); 1 car (15).
Gun Sect: 10 halftracks (9); two 240mm Gun in four loads – towed (barrel, left cradle, right cradle, base).
Support Sect: 2 halftracks (9); 11 trucks (4.5-ton).
Ammo Det: 1 car (light); 4 trucks (4.5-ton).
Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
Bty Trains: 1 truck (medium); 2 trucks (heavy); 1 trailer (fuel).

KStN 511
1.03.1943

Motorized Light Artillery Column (The column capacity was achieved by varying the number of trucks authorized)
Col: 2 mcl; 1 mcl w/sc; 2 trucks (light); 16 trucks (medium).

NOTES:

There were two 240mm Gun Battalions in the German Army on 4.07.1943. The I./84 schwerer Artillerie-Abteilung (motorisiert), with three batteries of 240mm K3 guns, and the II./84., normally equipped with three batteries of Czech 240mm guns, but at this time temporarily equipped with one 240mm gun and two 170mm gun batteries.

Although the 24cm K3 was by far the longest range gun that the Germans had, accuracy at maximum range left much to be desired, and pinpoint targets had to be engaged at shorter ranges. The Czech 240mm gun was produced during WWI. The Germans took over 79 of these weapons in 1938 after they invaded Czechoslovakia. It used the same base as the 305mm Howitzer.

The heavy 240mm guns were designed for use in a static role, for the initial stages of a battle, and against strong fortifications. Mobility and rapid deployment were not their strong points. Special trains for strategic movement from one battlefield to another had to be available. The guns had to be transported in their separate loads on special trailers from the rail heads to the firing positions and assembled there. Winches and collapsible cranes were carried along with the batteries so that the guns could be assembled in the field. It required many hours, if not days, to prepare for firing.

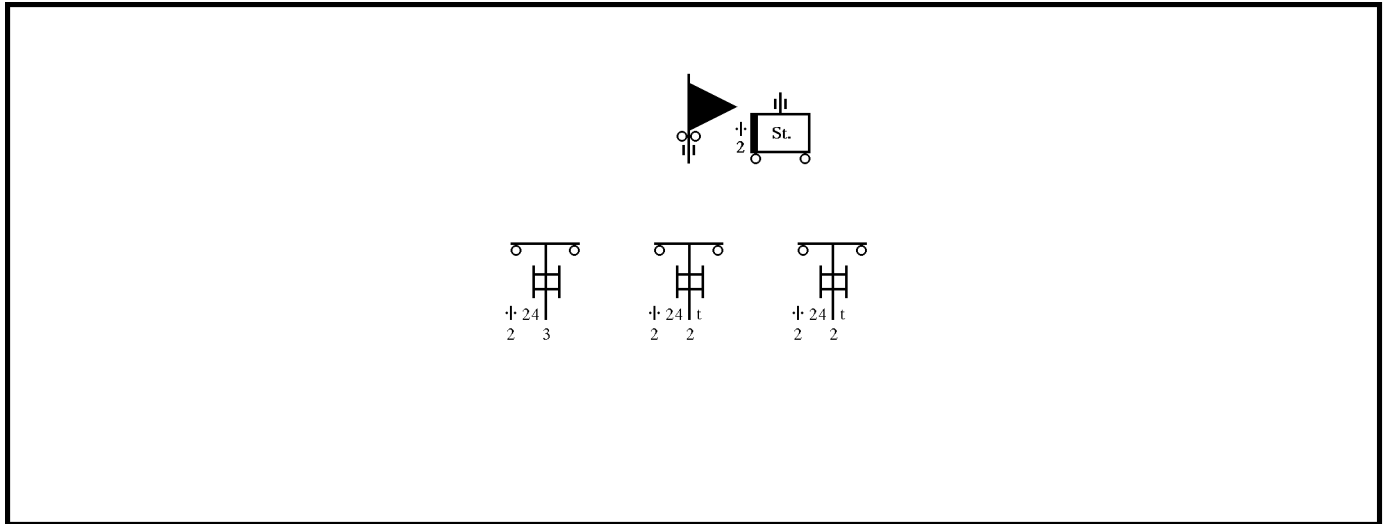
Specifications of the 240mm Guns

Designation:	24cm Kanone K3	24cm K (t) auf Mörserlafette
Manufactured by:	Rheinmetall & Krupp	Skoda
Introduced in:	1938	1916
Trailer loads:	five	four
Caliber:	238mm	240mm
Barrel length:	L/54.6	L/40
Range:	37,500 meters	29,875 meters
Ammo weight:	151.4 kilos	198 kilos
Unlimbered weight:	54,886 kilos	86,000 kilos
Limbered weight:	86,200 kilos*	143,000 kilos*
Traverse:	6° / 6° **	360°
Elevation:	- 1° to +56°	- 5° to +42°
Rate of Fire:	ca. 1 round/3 min.	ca. 1 round/3 min.

*) including trailers

**) Traverse is 360° when mounted on base plate.

24cm HAUBITZEN-ABTEILUNG (motorisiert)
Motorized 240mm Howitzer Battalion

**KStN 406**

1.11.1941

Headquarters, Motorized Artillery Battalion

Bn Hqs: 3 mcl; 1 mcl w/sc; 1 car (1); 3 cars (15).

KStN 584

1.11.1941

Headquarters Battery, Motorized Artillery Battalion

Hqs Sect: 1 car (15).

Signal Plt: Hqs Sect: 1 car (15); 1 truck (2-ton).

1 Med Tele Sect *b*: 1 car (15); 1 van (76).3 Lt Tele Sect *c*: 1 car (15).3 Pack Radio Sect *d*: ride in Platoon Headquarters truck.1 Pack Radio Sect *e*: 1 car (2).1 Lt Radio Sect *c*: 1 van (17/1).

Calibration Det: 2 mcl; 1 car (3); 1 truck (2-ton).

Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).

Bn Maint Det: 1 car (light); 5 trucks (medium).

Bn Trains: 1 car (light); 1 AA car (4 w/ dual MG); 2 trucks (light); 4 trucks (medium).

KStN 465 *)

1.11.1941

Motorized 240mm Howitzer Battery

Bty Hqs: 4 mcl; 2 cars (15).

Signal Det: Hqs Sect: 1 car (15).

1 Med Tele Sect *b*: 1 car (15); 1 van (23).2 Lt Tele Sect *c*: 1 car (15).2 Pack Radio Sect *f*: 1 car (2).1 Pack Radio Sect *f* rides in one of the other Signal Platoon vehicles.

Gun Plt: Hqs Sect: 4 mcl; 1 car (1); 1 AA car (4 w/ dual MG); 2 cars (15).

2 Gun Sect: 3 halftracks (8); one 240mm Howitzer in three loads – towed (barrel, cradle, platform/base).

Support Sect: 5 trucks (4.5-ton).

1st Ammo Det: 2 mcl; 1 car (1); 4 trucks (3-ton).

2nd Ammo Det: 1 mcl; 4 trucks (medium).

Maint Sect: 1 mcl w/sc; 1 car (2/40).

Bty Trains: 1 truck (medium); 2 trucks (heavy).

NOTES:

There were two Motorized Heavy 240 Howitzer battalions 4.07.1943.

I./814 2 Batteries of two 24cm H39 and 1 Battery of three H39/40.

II./814 2 Batteries of two 24cm H39 and 1 Battery of three H39/40.

The Czech heavy 240mm howitzer had been designed and built for export to Turkey. Two were delivered. After the occupation of Czechoslovakia, the Germans took over the remaining ten weapons into their army. In 1942, a further eight were produced (24cm M39/40) with minor modifications.

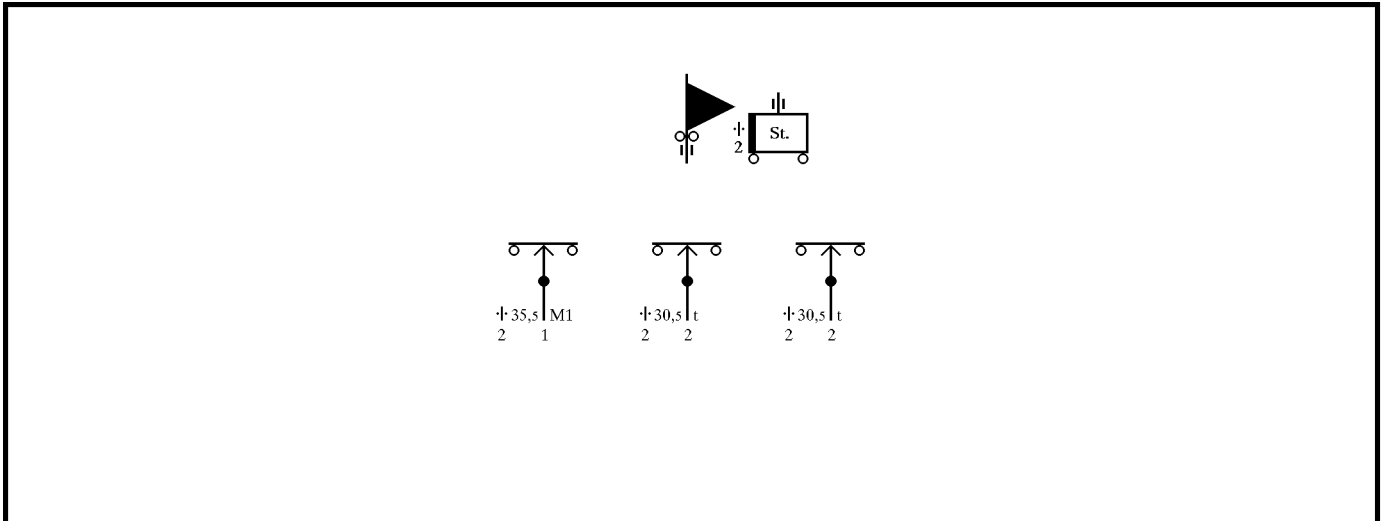
Although the German Army initially considered these 240mm howitzers to be outdated, they provided valuable service during the war, being used mainly for long-range-fire against hard targets, such as concrete emplacements and fortifications. The 166 kilo shell delivered 22.7 kilos of explosive. A shorter German-developed concrete-piercing shell with 10.4 kilos of explosive was also fired.

Specifications of the 240mm Howitzer

Designation:	24cm Haubitze 39 (24cm H39)	24cm Mörser 39/40 (24cm M39/40)
Manufactured by:	Skoda	Skoda
Introduced in:	1939	1942
Trailer loads:	three	three
Caliber:	240mm	240mm
Barrel length:	L/28	L/28
Range:	18,150 meters	18,150 meters
Ammo weight:	165 kilos	165 kilos
Unlimbered weight:	29,900 kilos	29,000 kilos
Limbered weight:	42,900 kilos*	42,990 kilos*
Traverse:	360°	360°
Elevation:	- 4° to +70°	- 4° to +70°
Rate of Fire:	ca. 1 round/2 minutes	ca. 1 round/2 minutes

*) Including three trailers (one each for the barrel, cradle, platform/base)

SCHWERSTE MÖRSER-ABTEILUNG (motorisiert)
Motorized Super Heavy Howitzer Battalion



KStN 406
1.11.1941

Headquarters, Motorized Artillery Battalion

Bn Hqs: 3 mcl; 1 mcl w/sc; 1 car (1); 3 cars (15).

KStN 584
1.11.1941

Headquarters Battery, Motorized Artillery Battalion

Hqs Sect: 1 car (15).

Signal Plt: Hqs Sect: 1 car (15); 1 truck (2-ton).

1 Med Tele Sect *b*: 1 car (15); 1 van (76).

3 Lt Tele Sect *c*: 1 car (15).

3 Pack Radio Sect *d*: ride in Platoon Headquarters truck.

1 Pack Radio Sect *d*: 1 car (2).

1 Lt Radio Sect *c*: 1 van (17/1).

Calibration Det: 2 mcl; 1 car (3); 1 truck (2-ton).

Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).

Bn Maint Det: 1 car (light); 5 trucks (medium).

Bn Trains: 1 car (light); 1 AA car (4 w/ dual MG); 2 trucks (light); 4 trucks (medium).

KStN 487
1.11.1941

Motorized 305mm Howitzer Battery

Bty Hqs: 2 mcl; 2 cars (15).

Signal Det: Hqs Sect: 1 car (15).

1 Med Tele Sect *a*: 1 car (15); 1 van (23).

1 Hvy Tele Sect *b*: 1 car (2); 1 van (76).

2 Pack Radio Sect *f*: 1 car (2).

1 Pack Radio Sect *f*: rides in one of the other Signal Platoon vehicles.

Gun Plt: Hqs Sect: 1 mcl; 1 car (1); 1 AA car (4 w/ dual MG); 1 car (15).

2 Gun Sect: 3 halftracks (8); one 305mm Howitzer in three loads – towed (barrel, cradle, platform/base).

Support Sect: 4 trucks (4.5-ton); 1 halftrack (8).

1st Ammo Det: 1 car (1); 4 trucks (4.5-ton).

2nd Ammo Det: 4 trucks (4.5-ton).

Maint Sect: 1 mcl w/sc; 1 car (2/40).

Bty Trains: 1 truck (medium); 2 trucks (heavy).

KStN 486
1.04.1943

Motorized 355mm Howitzer Battery

Bty Hqs: 2 mcl; 1 car (light); 2 cars (15).

Signal Det: Hqs Sect: 1 car (15).

1 Hvy Tele Sect *a*: 1 car (2); 1 van (23).

1 Med Tele Sect *b*: 1 car (15); 1 van (76).

1 Lt Radio Sect *c*: 1 van (17/1).

2 Pack Radio Sect *f*: 1 car (2).

1 Pack Radio Sect *f*: rides in one of the other Signal Platoon vehicles.

Calibration Plt: 1 mcl; 2 cars (3); 4 vans (63); 1 van (62).

Gun Det: Hqs Sect: 1 mcl; 1 car (1); 1 AA car (4 w/ dual MG); 1 car (15).

Gun Sect: 8 halftracks (9); 1 truck (heavy); 1 trailer (generator); one 355mm M1 Howitzer in seven loads – towed.

Ammo Sect: 1 car (light); 4 trucks (3-ton); 4 trucks (heavy).

Camouflage, Smoke, and Construction Sect: 2 trucks (medium).

Maint Sect: 1 mcl w/sc; 1 car (2/40).

Bty Trains: 3 trucks (medium); 1 truck (heavy)

KStN 511
1.02.1943

Motorized Light Artillery Column (The column capacity was achieved by varying the number of trucks authorized)

Col: 2 mcl; 1 mcl w/sc; 2 trucks (light); 16 trucks (medium).

NOTES:

There were three Motorized Super Heavy Howitzer battalions 4.07.1943.

Battery	Column Capacity	Composition & Equipment
Hqs/624	48t.	–
1./624	34t.	305mm & 210mm (21cm M18)
2./604	34t.	305mm & 210mm (21cm M18)
3./604	34t.	305mm & 210mm (21cm M18)
Hqs/641	–	–
1./641	20t.	355mm M1
2./641	34t.	305mm
3./641	34t.	305mm
Hqs/815	48t.	–
1./815	–	305mm
2./815	–	305mm
3./815	–	305mm

The 624th Battalion's batteries were also equipped with 210mm howitzers, since the demand for the super heavy weapons was limited.

The 305mm howitzer was a WWI weapon, manufactured under the auspices of the Austrian-Hungarian Empire. Taken over by the Germans, it was modified, and faithfully did service with the Wehrmacht.

The 355mm howitzer was a more modern weapon. Firing a shell weighing slightly over half a ton, it served a limited, but very effective role on the East Front, used mainly against heavily fortified fortresses.

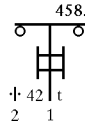
Specifications of the Super Heavy 305mm and 355mm Howitzers

Designation:	30,5cm Mörser (t) (30,5cm M(t))	35,5cm Haubitze M1 (35,5cm M1)
Manufactured by:	Skoda	Rheinmetall
Introduced in:	1917	1939
Trailer loads:	three	seven
Caliber:	305mm	356mm
Barrel length:	L/12	L/27
Range:	12,300 meters	20,850 meters
Ammo weight:	290.8/285.3 kilos	575 Kilos
Unlimbered weight:	75,000 kilos	75,000 kilos
Limbered weight:	123,000 kilos*	123,000 kilos*
Traverse:	6° / 6° **	45° / 45° **
Elevation:	+ 45° to +75°	+ 34° to +66°
Rate of Fire:	1 round / 4 minutes	1 round / 4 minutes

*) Including trailers

**) When mounted on the base plate, traverse is 360°

42cm HAUBITZEN-BATTERIE (motorisiert)
Motorized 420mm Howitzer Battery

**KStN 492 *)****Motorized 420mm Howitzer Battery**

1.06.1940

Bty Hqs: 2 mcl; 2 cars (15).

Signal Det: Hqs Sect: 1 car (15).

1 Hvy Tele Sect *b*: 1 car (2); 1 van (23).1 Med Tele Sect *a*: 1 car (15).2 Pack Radio Sect *f*: 1 car (2).

Gun Plt: Hqs Sect: 1 mcl; 1 car (1); 1 car (15).

1 Gun Sect: 4 halftracks (9); 4 Culemeyer trailers; one 420mm Howitzer in four loads.

Ammo Sect: 1 mcl; 1 car (1); 3 trucks (4.5-ton); 1 Culemeyer trailer (ammo).

Support Sect: 3 trucks (4.5-ton); 2 halftracks (9).

Crane Sect: 1 truck (4.5-ton); 1 halftrack crane (9/1); 1 trailer (35-ton crane); 1 trailer (generator).

Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (medium).

Bty Trains: 1 mcl; 1 car (light); 1 AA car (4 w/ dual MG); 1 truck (medium); 2 trucks (heavy).

NOTES:

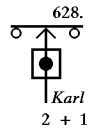
On 4.07.1942, there was only the 458th Battery at the front equipped with the 42cm Haubitze (t). It was a Czechoslovakian howitzer, of which only a total of three were built.

The heavy 420mm howitzer had to be broken down into four loads of about 30,000 kilos each, (left cradle, right cradle, firing platform, and barrel), for transportation. The parts, personnel, and equipment were moved strategically by rail. The howitzer itself was transported on multi-axle, multi-wheeled "Culemeyer" trailers. These *Culemeyer* trailers came in various versions, depending on the load to be transported. The load capacity being achieved by varying the number of axles and wheels. They could be fitted either with steel railroad wheels or rubber-tired wheels. Tactically, these trailers were towed by heavy halftracks. The personnel and equipment were carried in trucks.

A 35-ton collapsible crane, which moved on specially laid tracks, was provided for loading, erecting, and dismantling the weapon, plus several smaller cranes.

<i>Specifications of the 420mm Howitzer</i>	
Designation:	42cm Haubitze (t) (42cm H(t))
Manufactured by:	Skoda
Trailer Loads:	four
Caliber:	420mm
Barrel length:	L/15
Range:	14,600 meters / 7,200 meters
Shell weight:	1,020 kilos / 2,200 kilos
Unlimbered weight:	105,000 kilos
Limbered weight:	160,000 kilos w/ trailers
Traverse:	360°
Elevation:	+ 40° to +71°
Rate of Fire:	1 round every 5 minutes

60cm MÖRSER-BATTERIE (motorisiert)
Self-Propelled 600mm Howitzer Battery



KStN 489 *) Self-Propelled Heavy 600mm Howitzer Battery

31.01.1941

Bty Hqs: 4 mcl; 2 cars (15).
 Signal Det: Hqs Sect: 1 car (15).
 2 Lt Tele Sect c: 1 car (15).
 2 Pack Radio Sect f: 1 car (2).
 2 Gun Plt: Hqs Sect: 1 mcl w/sc; 1 car (1).
 Gun Sect: 1 Howitzer (600mm - self-propelled).
 Ammo Sect: 2 trucks (4.5-ton); 2 Culemeyer trailers (16-wheel / ammo); 2 self-propelled ammunition carriers.
 Transport Sect: 3 trucks (4.5-ton); 4 halftracks (8); 2 halftracks (9);
 3 Culemeyer trailers (16-wheel); 1 Culemeyer trailer (24-wheel).
 Crane Sect: 1 truck (4.5-ton); 1 halftrack crane (9/1); 1 trailer (35-ton crane); 1 trailer (generator).
 Reserve Det: 3 trucks (4.5-ton); 4 halftracks (8); 2 halftracks (9); one 600mm Howitzer in four loads;
 3 Culemeyer trailers (16-wheel); 1 Culemeyer trailer (24-wheel).
 Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (medium).
 Bty Trains: 1 mcl; 1 car (ligh); 1 AA car (4 w/ dual MG); 2 trucks (medium); 3 trucks (3-ton).

NOTES:

The 628th Super Heavy Howitzer Battery had two manned weapons, and one as equipment reserve without crew.

The 600mm howitzer was known as *Karl Gerät 040* (short barrel), or as *Karl Gerät 041* (long barrel). The first long barrels were delivered in May 1942.

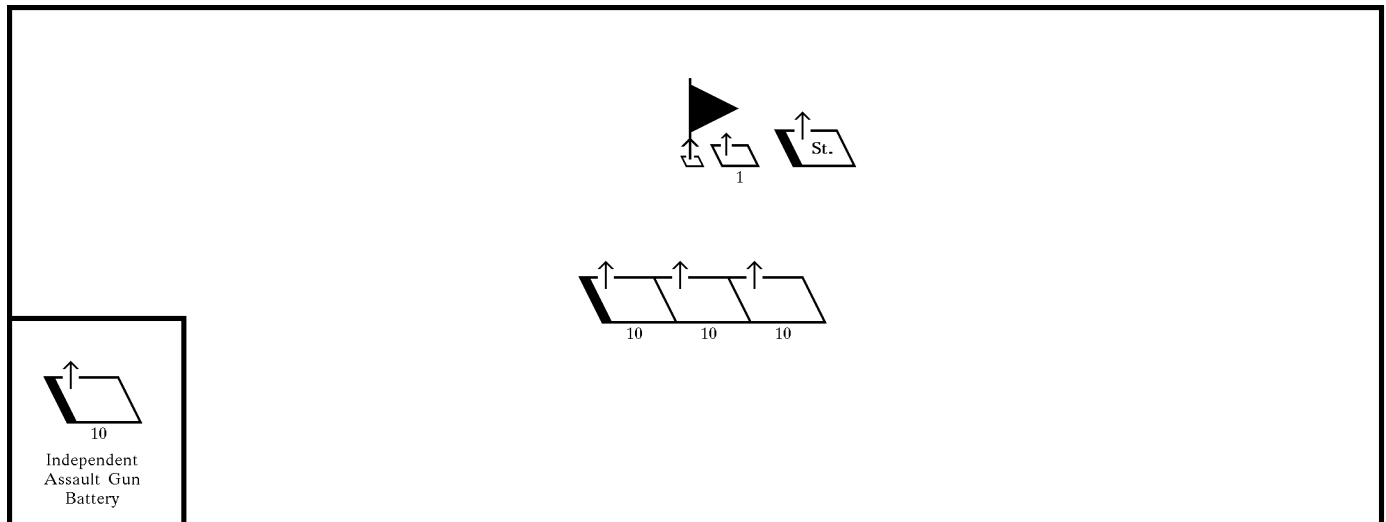
By rail it was transported suspended on a specially-constructed railway wagon. For road movement the *Karl* was split into four parts and moved by *Culemeyer* trailers. But even then the loaded self-propelled carriage surpassed the limits of most bridges. The carriage therefore had to be driven off the trailer and crossed bridges under its own power.

The gun moved cross-country fully assembled on its own self-propelled mount. Ammunition was transported by the *Munitionsschlepper für Karlgerät* (a specially constructed ammunition vehicle for the *Karl* howitzer based on the Panzer-IV).

Specifications of the 600mm Self-Propelled Howitzer

Designation:	Mörser Karl (Gerät 040)	Mörser Karl (Gerät 041)
Manufactured by:	Rheinmetall	Rheinmetall
Caliber:	600mm	540mm
Barrel length:	L/8.44	L/11.5
Range:	4,500 m / 6,700 m	10,400 m
Shell weight:	2,170 kilos / 1,700 kilos	1,250 kilos
Unlimbered weight:	124,000 kilos	124,000 kilos
Limbered weight:	188,200 kilos w/ trailers	188,200 kilos w/ trailers
Traverse:	4° / 4°	4° / 4°
Elevation:	0° to +70°	0° to +70°
Rate of Fire:	6 to 12 rounds/hour	6 to 12 rounds/hour
Road speed:	10 km/h	10 km/h

STURMGESCHÜTZ-ABTEILUNG Assault Gun Battalion

**KStN 416**

1.12.1942

Headquarters, Assault Gun Battalion

Bn Hqs: 4 mcl; 2 mcl w/sc; 2 cars (15); 1 van (17); 1 ambulance (31); 1 Sturmgeschütz III (142/1).

KStN 588a

1.11.1942

Headquarters Battery, Assault Gun Battalion (Batteries with 10 Guns)

Bty Hqs: 1 mcl; 1 car (15).

Bty Trains: 1 car (light); 1 AA car (4 w/dual MG); 5 trucks (medium).

Bn Maintenance Det:

Ordnance Maint Sect: 1 car (light); 2 trucks (3-ton).

Motor Maint Sect: 1 mcl; 1 mcl w/sc; 1 car (medium); 1 bus (medium/22 seats); 8 trucks (3-ton); 1 van (79); 1 trailer (tool); 1 trailer (welding).

Recovery Sect: 2 halftracks (9); 1 motor crane (100–3-ton); 2 trailers (22-ton/medium tank).

KStN 446a

1.11.1942

Assault Gun Battery (10 Guns)

Bty Hqs: 3 mcl; 1 mcl w/sc; 1 car (15); 1 Sturmgeschütz III (142/1).

2 Lt Radio Sect *b*: 1 van (17).

3 AG Plt: Hqs Sect: 2 mcl w/sc.

Ammo Sect: 2 trucks (3-ton); 1 trailer (ammo).

Gun Sect: 3 Sturmgeschütz III (142/1) or 3 Sturmhaubitze III (142/2).

Maint Sect: 2 mcl w/sc; 2 trucks (medium).

Bty Trains: 1 mcl; 1 VW (1); 1 AA car (4 w/ dual MG); 8 trucks (medium); 2 trailers (equipment / ammo).

KStN 446a

1.11.1942

Independent Assault Gun Battery (10 Guns)

Bty Hqs: 3 mcl; 1 mcl w/sc; 1 car (15); 1 Sturmgeschütz III (142/1).

2 Lt Radio Sect *b*: 1 van (17).

3 AG Plt: Hqs Sect: 2 mcl w/sc.

Ammo Sect: 2 trucks (3-ton); 1 trailer (ammo).

Gun Sect: 3 Sturmgeschütz III (142/1) or 3 Sturmhaubitze III (142/2).

Maint Sect: 2 mcl w/sc; 3 trucks (medium); 1 halftrack (9); 1 trailer (22-ton/medium tank)..

Bty Trains: 1 mcl; 1 VW (1); 1 AA car (4 w/ dual MG); 9 trucks (medium); 2 trailers (equipment / ammo).

Sturmgeschütz Units (indicating vehicles on hand, including those undergoing repair)						
Bn.	StuGesch L/24	StuGesch L/43	StuGesch L/48	StuHaub L/28	Total	Status
177.	–	–	22	9	31	9. Armee / Hgr. Mitte
184.	9	–	24	–	33	16. Armee / Hgr. Nord
185.	–	1	26	5	32	9. Armee / Hgr. Mitte
189.	–	–	31	–	31	9. Armee / Hgr. Mitte
190.	–	–	22	9	31	Hgr. Mitte Reserve
191.	–	2	29	–	31	17. Armee / Hgr. A
201.	–	–	22	9	31	Ob. Südost Reserve
202.	7	10	14	–	31	2. Armee / Hgr. Mitte
203.	–	–	31	–	31	1. Pz-Armee / Hgr. Süd
209.	–	1	28	–	29	6. Armee / Hgr. Süd
210.	–	3	26	–	29	6. Armee / Hgr. Süd
226.	–	15	18	–	33	18. Armee / Hgr. Nord
228.	–	–	31	–	31	Armeeabteilung Kempf / Hgr. Süd
232.	–	–	33	–	33	1. Pz-Armee / Hgr. Süd
242.	–	–	22	9	31	OB. Süd Reserve
243.	–	–	31	–	31	6. Armee / Hgr. Süd
244.	–	–	22	9	31	9. Armee / Hgr. Mitte
245.	–	–	22	9	31	9. Armee / Hgr. Mitte
249.	7	8	26	–	41	17. Armee / Hgr. A
270.	5	–	20	–	25	2. Pz-Armee / Hgr. Mitte
600.	–	–	22	9	31	Hgr. Mitte Reserve
667.	3	17	11	–	31	4. Armee / Hgr. Mitte
904.	–	–	31	–	31	9. Armee / Hgr. Mitte
905.	–	–	23	9	32	Armeeabteilung Kempf / Hgr. Süd
909.	4	–	27	–	31	9. Armee / Hgr. Mitte
911.	–	–	22	9	31	4. Pz-Armee / Hgr. Süd
912.	–	–	22	9	31	18. Armee / Hgr. Nord
393. Btr	–	–	12	–	12	Armeeabteilung Kempf / Hgr. Süd
741. Btr	–	–	10	–	10	20. Geb.-Armee
742. Btr	–	–	10	–	10	20. Geb.-Armee

NOTES:

Every battery was authorized one platoon of Sturmhaubitze III, but as can be seen, not all had them.

There were 27 Sturmgeschütz Battalions and 3 independent batteries on 4.07.1943.

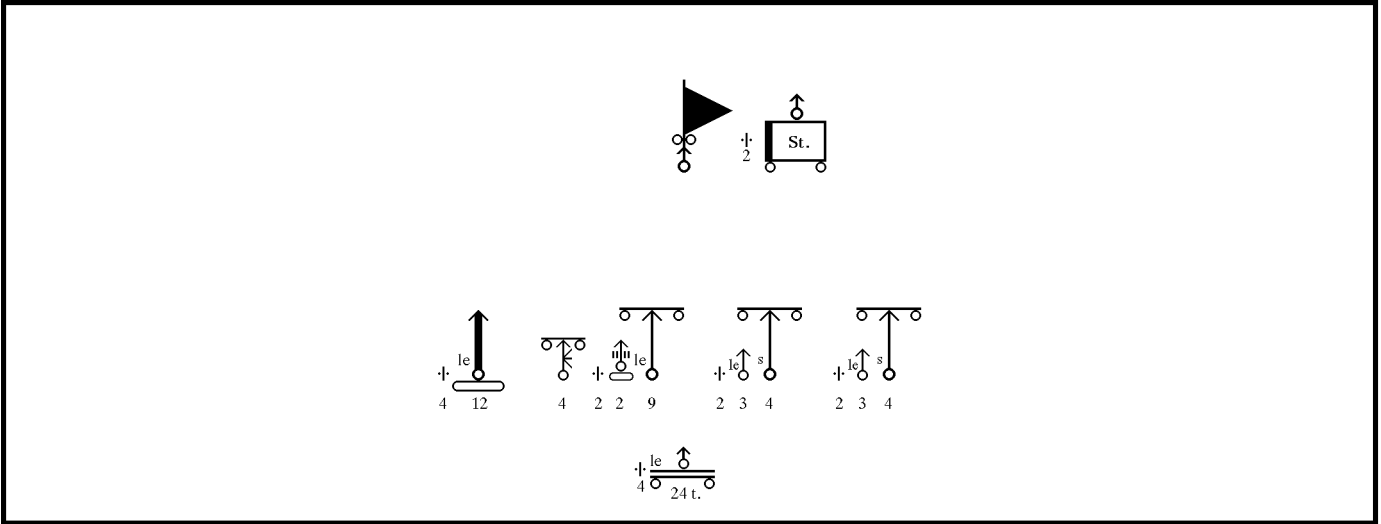
An additional 6 Sturmgeschütz Battalions were being formed at Jüteborg, (WK III). They had no combat vehicles allocated on this date:

Sturmgeschützabteilung 236	raised 01.05.1943
Sturmgeschützabteilung 237	raised 01.07.1943
Sturmgeschützabteilung 239	raised 01.07.1943
Sturmgeschützabteilung 261	raised 01.07.1943
Sturmgeschützabteilung 276	raised 21.06.1943
Sturmgeschützabteilung 277	raised 21.06.1943

Specifications of the Sturmgeschütz III and Sturmhaubitze III

Designation:	Sturmgeschütz III (Sd.Kfz. 142/1)	Sturmhaubitze III (Sd.Kfz. 142/2)
Introduced in:	1942	1943
Main gun caliber:	75mm	105mm
Barrel length:	L/48	L/28
Range:	7,700 meters at 20°	12,325 meters
Projectile weight:	4.1 / 8.8 kilos	14.8 kilos
Elevation:	– 6° to +20°	– 6° to +20°
Traverse:	10° / 10°	10° / 10°
Rate of fire:	10 rounds per minute	10 rounds per minute
Vehicle weight:	23,900 kilos	23,900 kilos
Road speed:	40 km/h	40 km/h

HEERES-FLAK-ARTILLERIE-ABTEILUNG (motorisiert)
Motorized Army Antiaircraft Battalion



KSStN 1705
1.11.1941

Headquarters, Motorized Army Antiaircraft Battalion
Bn Hqs: 3 mcl; 1 car (light); 2 cars (15).

KSStN 1709
1.04.1943

Headquarters Battery, Motorized Army Antiaircraft Battalion
Bty Hqs: 1 car (15).
Signal Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (15); 1 LMG.
1 Hvy Tele Sect a: 1 car (2); 1 van (23).
3 Lt Tele Sect c: 1 car (15).
1 Pack Radio Sect b: 1 car (2).
1 Lt Radio Sect a: 1 van (17).
1 Med Radio Sect b: 1 car (15); 1 van (17).
1 Weather Sect: 1 mcl; 1 van (61).
1 Evaluation Sect: 1 truck (medium).
Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
Bn Maint Det: 1 car (light); 1 truck (medium); 3 trucks (3-ton).
Bn Trains: 1 car (light); 1 car (1); 3 trucks (light); 3 trucks (medium); 1 ambulance (31).

KSStN 511
1.03.1943

Motorized Light Artillery Column (20 ton)
Col: 2 mcl; 1 mcl w/sc; 2 trucks (light); 6 trucks (medium).

KSStN 1711
1.03.1942

Motorized Heavy 88mm Army Antiaircraft Battery
Bty Hqs: 3 mcl; 2 cars (15).
Calibration Det: Hqs Sect: 1 car (15).
2 Calibration Sect: 1 van (74); 1 trailer (gun director).
Signal Det: 1 Hvy Tele Sect a: 1 car (2); 1 van (23).
1 Lt Radio Sect b: 1 van (17).
Ammo Det: 4 trucks (3-ton).
Lt AA Plt: 1 mcl w/sc; 3 trucks (81); 3 AA guns (20mm - towed).
Hvy AA Plt: Hqs Sect: 1 mcl; 1 car (15); 1 halftrack (7); 1 trailer (w/o gun).
Gun Sect: 4 halftracks (7); 4 AA guns (88mm - towed).
Maint Sect: 1 mcl w/sc; 1 car (2/40).
Bty Trains: 1 car (light); 2 trucks (light); 1 truck (medium); 1 truck (3-ton); 1 trailer (ammo).

KSStN 1713
1.07.1942

Motorized Light 20mm Army Antiaircraft Battery
Bty Hqs: 3 mcl; 1 car (1); 1 car (15).
Signal Det: Hqs Sect: 1 mcl w/sc.
1 Hvy Tele Sect a: 1 car (2); 1 van (23).
1 Lt Radio Sect b: 1 van (17).
5 Pack Radio Sect d: 1 car (2).
Ammo Det: 4 trucks (3-ton).
3 Lt Mono Plt: Hqs Sect: 2 mcl; 1 car (1); 2 LMG.
Gun Sect: 3 trucks (81); 3 AA guns (20mm - towed).
Maint Sect: 1 mcl w/sc; 1 car (2/40).
Bty Trains: 1 car (light); 2 trucks (light); 3 trucks (medium).
1 Lt Quad Plt: Hqs Sect: 1 mcl; 1 car (1).
Gun Sect: 2 halftracks (8 w/ 20mm quad Flak 38).

KSStN 1715
1.12.1942

Searchlight Det: 1 mcl; 4 trucks (2-ton);
4 trailers (600mm searchlight - towed).

KSStN 1714
1.12.1942

Mechanized Light Antiaircraft Company
Co Hqs: 2 mcl; 1 car (15); 1 LMG.
Signal Det: Hqs Sect: 1 car (15).
1 Lt Tele Sect c: 1 car (15).
3 Pack Radio Sect b: 1 car (2).
Mono SP'd Plt: Hqs Sect: 1 mcl; 2 cars (15); 1 LMG.
Ammo Sect: 2 halftracks (10/4 w/o guns).
Gun Sect: 4 halftracks (10/4 with 20mm Flak).
Quad SP'd Plt: Hqs Sect: 1 mcl; 2 cars (15); 1 LMG.
Ammo Sect: 2 halftracks (7/1 w/o guns).
Gun Sect: 2 halftracks (7/1 with 20mm Quad Flak).
Maint Sect: 1 car (2/40); 1 truck (medium).
Co Trains: 1 mcl w/sc; 1 car (15); 4 trucks (1.5-ton); 2 trucks (3-ton).

KSStN 192(gek)
1.06.1943

Specifications of the 20mm and 88mm Antiaircraft Guns		
Designation:	2cm Flugabwehr-kanone 38	8,8cm Flugabwehr-kanone 36 & 37
Caliber:	20mm	88mm
Barrel length:	L/65	L/56
Horizontal Range:	4,800 meters	14,860 meters
Vertical Range:	3,700 meters	9,750 meters
Shell weight:	0.132 kilos	9.5 /15 kilos
Unlimbered weight:	405 kilos	5,510 kilos
Limbered weight:	860 kilos	8,200 kilos
Traverse:	360°	360° on cruciform base
Elevation:	- 10° [- 20°] to +90°	- 3° to +85°
Rate of Fire:	220 rpm [120 rpm]	15 to 20 rpm

Bn	Hvy Army AA Bty	Lt Army AA Bty	Lt AA Co	Status
271.	2	1 (4 mono) & 1 (3 mono/1 quad)		with 13. Pz. Div.
272.	2	1 (3 mono/1 quad)	-	with 19. Pz.Div.
273.	2	1 (3 mono/2 quad)	1 (3 mono/2 quad)	with 2. Pz. Div.
274.	2	1 (3 mono/1 quad)	-	with 16. Pz.Div.
275.	2	1 (3 mono/1 quad)	-	Independent
276.	2	1 (4 mono)	-	with 14. Pz. Div.
277.	2	2 (4 mono)	-	with 11. Pz.Div.
278.	2	1 (4 mono)	-	en-route to 23. Pz. Div.
279.	2	1 (4 mono)	-	Independent
280.	2	1 (4 mono)	-	Independent
281.	2	1 (3 mono/1 quad)	-	with 16. Pz-G.Div.
282.	2	1 (3 mono/1 quad)	-	with FHH Pz-G. Div.
283.	2	1 (4 mono)	-	en-route to 24. Pz. Div
284.	2	1 (4 mono)	-	with 25. Pz. Div.
286.	2	1 (4 mono)	1 (4 mono)	en-route to 8. Pz. Div.
287.	2	1 (4 mono)	1 (2 mono/1 quad)	with 9. Pz. Div.
288.	2	1 (4 mono)	1 (2 mono/2 quad)	with 5. Pz. Div.
289.	2	1 (3 mono/1 quad)	-	Independent
290.	2	1 (3 mono/1 quad)	1 (3 mono)	with 4. Pz. Div.
292.	2	1 (3 mono/1 quad)	-	Independent
293.	2	1 (3 mono/1 quad)	-	with 78. Sturm-Div.
295.	2	1 (3 mono/1 quad)	-	Independent
296.	2	1 (3 mono/1 quad)	-	with 7. Pz. Div.
297.	2	1 (3 mono/1 quad)	1 (2 mono/2 quad)	with 17. Pz.Div.
298.	2	1 (3 mono/1 quad)	1 (2 mono/2 quad)	with 6. Pz. Div.
299.	2	1 (3 mono/1 quad)	-	with 1. Pz.Div.
301.	-	-	-	being raised in France
302.	-	-	-	being raised in Italy
303.	2	1 (4 mono)	1 (2 mono/1 quad)	with 12. Pz. Div.
304.	2	1 (3 mono/1 quad)	-	Independent
305.	-	-	-	being raised in France
312.	2	1 (3 mono/1 quad)	-	with 3. Pz-G. Div.
313.	2	1 (2 mono/2 quad)	-	with 29. Pz-G.Div.
314.	2	1 (3 mono/1 quad)	1 (2 mono/1 quad)	with 3. Pz.Div.
315.	-	-	-	being raised in Italy

KOMMANDEUR DER NEBELTRUPPEN
Commander of Rocket Troops



KStN 600 *)
 1.02.1943

Commander of Rocket Troops

Hqs: 1 mcl w/sc; 1 car (11); 1 car (15); 1 truck (light); 1 motor bus (medium – converted to office use).

NOTES:

This small (4 officers and 11 men), brigade-echelon staff was found with the three Panzer Armies to coordinate rocket launcher operations.

Similarly to the higher artillery headquarters, it was charged with:

- recognizing and planning the main points of effort in conjunction with the superior headquarters to which it was attached.
- coordinating the fire of the all rocket launcher units within the command.
- setting down the framework for the communications network of all the troops it had been given to supervise.

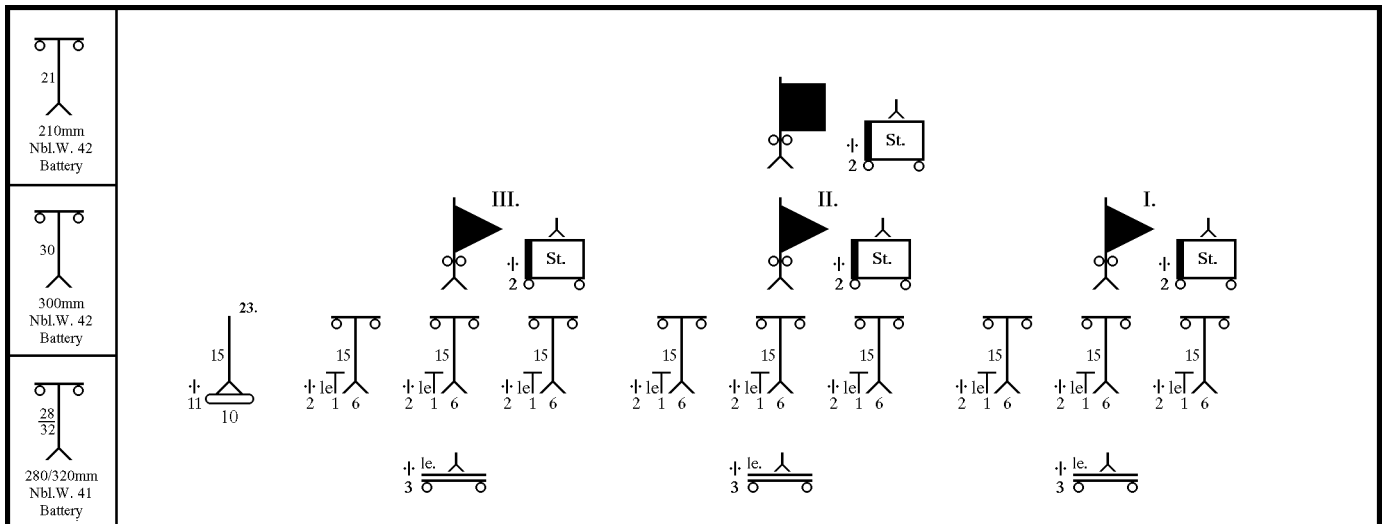
The Germans introduced multiple rocket launchers for laying heavy concentrations of smoke, flammable liquid, or massed fire on area targets at short (about 500 meters) to medium ranges (about 4000 meters). The projectiles had either smoke, high explosive, or flame payloads. (The rockets were also capable of delivering chemical agents and gas, but as the Germans did not employ chemical warfare during World War II, the equipment was issued for conventional warfare). Ammunition was issued

in three variations, namely normal, arctic, and tropical. The projectors were lighter, cheaper, and more mobile than field artillery firing shells of similar weight. However, accuracy of the tube artillery had to be replaced by the launchers' volume of fire.

The main disadvantage of the Nebelwerfer was that the rockets stirred up large amounts of smoke and debris at the launching site when fired, and left a trail of dark grey fumes and flame behind it, pointing like a giant arrow in the sky at the exact location of the launchers. This often attracted highly unwelcome counter-battery fire and reduced the time a battery could remain in position. The relative short range of the of the rockets as used in combat (between 400 and 5000 meters), also placed the batteries near or within the front lines and subject to armored attack.

1	1. Panzer-Armee, Heeresgruppe Süd
2	2. Panzer-Armee, Heeresgruppe Mitte
3	3. Panzer-Armee, Heeresgruppe Mitte

WERFER-REGIMENT (motorisiert)
Motorized Rocket-Launcher Regiment



KStN 601 *) Headquarters, Motorized Rocket Launcher Regiment
1.11.1941 Rgt Hqs: 1 mcl; 1 mcl w/sc; 1 car (1); 2 cars (15).

KStN 621 *) Headquarters Battery, Motorized Rocket Launcher Regiment
1.02.1943 Bty Hqs: 2 mcl; 1 car (15); 1 armored observation vehicle (253 or 250/5).
Signal Plt: Hqs Sect: 1 car (15).
2 Hvy Tele Sect a: 1 car (2); 1 van (23).
2 Lt Tele Sect c: 1 car (15).
1 Lt Radio Sect b: 1 van (17).
Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
Bty Trains: 2 cars (light); 1 AA car (4 w/ dual MG); 3 trucks (light); 1 ambulance (31).

KStN 633 *) Self-Propelled 150mm Rocket Launcher Battery
15.02.1943 Bty Hqs: 1 car (15); 1 SPW (253 or 250/5).
2 Lt Tele Sect c: 1 car (15).
Ammo Det: 1 car (1); 8 Ammunition Maultier (4).
2 Rocket Plt: Hqs Sect: 1 SPW (250/5).
Launcher Sect: 4 Maultier (4/1 w/ 150mm launchers).
Bty Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (2-ton).
Bty Trains: 1 car (1); 2 trucks (medium), 3 trucks (3-ton).

NOTES:

The composition of the regiments varied, as indicated below. The Nebelwerfer-Regiments tended to have more 150mm equipment, whereas the heavy Nebelwerfer-Regiments tended to have more 300mm and 280/320mm equipment. The different types of battalions are discussed on the next page. There were eleven Motorized Rocket Launcher Regiments on 4.07.1943.

1. Werfer-Lehr-Rgt	I. (3x 150mm Bty)	II. (3x 210mm Bty)	III. (3x 150mm Bty)	21. & 23. SP'd 150mm Bty
51. Werfer-Rgt	I. (2x 150mm Bty)	II. (2x 150mm Bty)	III. (2x 210mm Bty)	21. & 22. SP'd 150mm Bty
52. Werfer-Rgt	I. (3x 280/320mm Bty)	II. (3x 150mm Bty)	III. (3x 150mm Bty)	22. SP'd 150mm Bty
53. Werfer-Rgt	I. (3x 150mm Bty)	II. (2x 150mm Bty)	III. (2x 210mm Bty)	22. SP'd 150mm Bty
54. Werfer-Rgt	I. (3x 150mm Bty)	II. (3x 150mm Bty)	III. (3x 150mm Bty)	21. & 22. SP'd 150mm Bty
55. Werfer-Rgt	I. (3x 150mm Bty)	II. (3x 280/320mm Bty)	III. (3x 150mm Bty)	21. & 23. SP'd 150mm Bty
56. Werfer-Rgt	I. (3x 150mm Bty)	II. (3x 210mm Bty)	–	21. SP'd 150mm Bty
70. Werfer Rgt	I. (3x 150mm Bty)	II. (3x 280/320mm Bty)	III. (3x 150mm Bty)	–
1. s. Werfer-Rgt	I. (3x 150mm Bty)	II. (3x 280/320mm Bty)	III. (3x 280/320mm Bty)	21. SP'd 150mm Bty
2. s. Werfer-Rgt	I. (2x 300mm Bty)	II. (2x 300mm Bty)	III. (2x 150mm Bty)	23. SP'd 150mm Bty
3. s. Werfer-Rgt	I. (3x 300mm Bty)	II. (2x 300mm Bty)	III. (3x 150mm Bty)	–

The second digit of the SP'd 150mm Batteries indicated to which battalion within the regiment they belonged.

I.e., the 22nd Battery was the 4th Battery of the IInd Battalion/53rd Rocket-Launcher Regiment.

The IIIrd Battalion/56. Werfer-Regiment (3x 300mm Bty) was to raised on 20.07.1943.

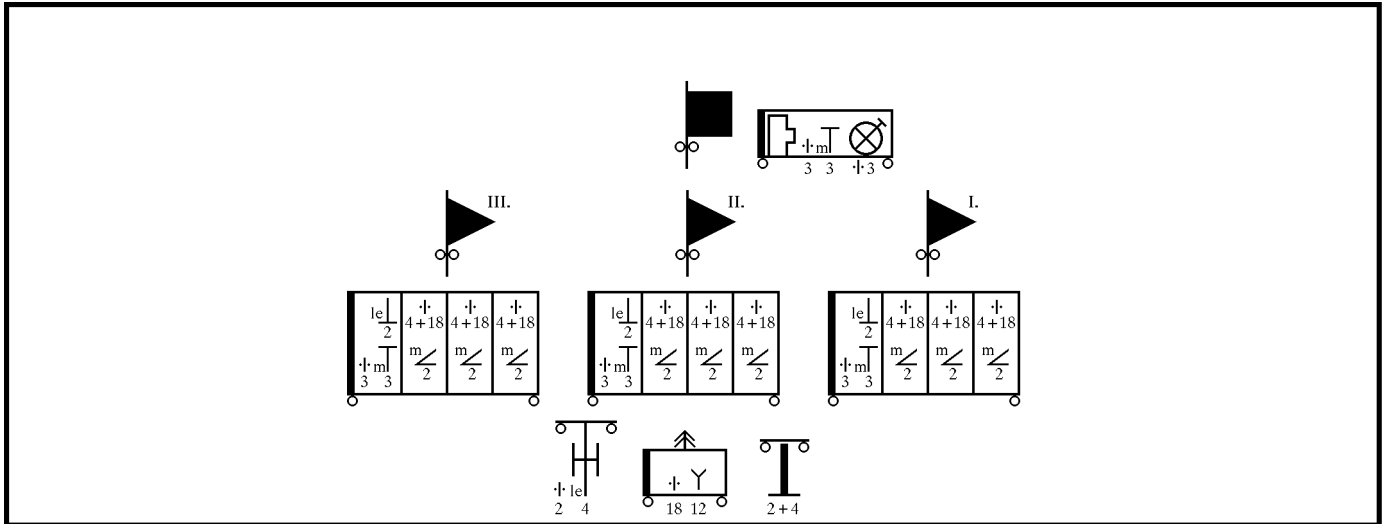
(The 2. Werfer-Lehr-Rgt, raised on 10.02.42, was a Training Army unit and not activated or assigned to the field forces at this time.)

<i>Specifications of the Rocket Launchers</i>					
Designation:	15cm Nbl.W. 41	15cm Pz. Wfr. 42 (Sd.Kfz. 4/1)	21cm Nbl.W. 42	30cm Nbl.Wfr. 42	28/32cm Nbl.W. 41
Introduced:	1941	1943	1942	1943	1942
Caliber:	158.5mm	158.5mm	214.5mm	301mm	320mm (280mm with rails)
Range:	6,700 m.	6,700 m.	7,850 m.	4,550 m.	280mm: 1,925 m./320mm: 2,200 m.
Projectile weight:	34.15 kilos	34.15 kilos	112.5 m.	127 kilos	280mm: 82 kilos /320mm: 79 kilos
Unlimbered weight:	540 kilos	–	550 kilos	1,100 kilos	1,130 kilos
<i>incl. rockets</i>	745 kilos	–	1,112 kilos	1,860 kilos	280mm: 1,630 kilos/320mm: 1,600 kilos
Limbered weight:	590 kilos	15,700 kilos	605 kilos	1,150 kilos	1,156 kilos
<i>incl. rockets</i>	795 kilos	17,700 kilos	1,167 kilos	1,910 kilos	280mm: 1,655 kilos/320mm: 1,625 kilos
Traverse:	27° / 27°	135° / 135°	12° / 12°	40° / 40°	30° / 30°
Elevation:	+ 5° to + 45°	+ 5° to + 80°	– 5° to + 45°	0° to + 65°	0° to + 45°
Rate of Fire:	3 salvos/5 minutes	3 salvos/5 minutes	2 salvos/5 minutes	2 salvos/5 minutes	2 salvos/5 minutes

WERFER-REGIMENT (motorisiert)
Motorized Rocket-Launcher Regiment

<p>KStN 607 1.11.1941</p>	<p>Headquarters, Motorized Rocket Launcher Battalion Bn Hqs: 3 mcl; 1 car (1); 3 cars (15). Bn Hqs Trains: 2 trucks (medium).</p>
<p>KStN 627 *) 1.82.1943</p>	<p>Headquarters Battery, Motorized Rocket Launcher Battalion (150mm) Bty Hqs: 2 mcl; 1 car (15); 1 armored observation vehicle (253 or 250/5). Signal Det: Hqs Sect: 1 car (15). 1 Hvy Tele Sect <i>a</i>: 1 car (2); 1 van (23). 2 Lt Tele Sect <i>c</i>: 1 car (15). 2 Lt Radio Sect <i>b</i>: 1 van (2). 4 Pack Radio Sect <i>f</i>: 1 car (2). Calibration Sect: 1 car (15); 1 halftrack (10/1). Bty Trains: 2 cars (light); 1 AA car (4 w/ dual MG); 3 trucks (light); 1 ambulance (31). Bn Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 3 trucks (3-ton). Bn Trains: 1 car (light); 2 trucks (medium).</p>
<p>KStN 664 1.02.1941</p>	<p>Motorized Light Rocket Launcher Column (150mm) Hqs Sect: 1 mcl; 1 car (light); 1 LMG. 2 Transport Sect: 4 trucks (light); 1 LMG. Col Trains: 1 mcl; 3 trucks (light).</p>
<p>KStN 617 1.11.1941</p>	<p>Motorized Rocket Launcher Battery (150mm) Bty Hqs: Hqs Sect: 2 car (1); 1 AA car (4 w/ dual MG). Signal Det: Hqs Sect: 1 car (15). 2 Lt Tele Sect <i>c</i>: 1 car (15). 2 Pack Radio Sect <i>f</i>: 1 car (2). 1 Rocket Plt: Hqs Sect: 1 car (1). Launcher Sect: 3 halftracks (11/4); 3 launchers (150mm – towed). 1 Rocket Plt: Hqs Sect: 1 halftrack (11/4); 1 ATG (37mm – towed). Launcher Sect: 3 halftracks (11/4); 3 launchers (150mm – towed). 2 Ammo Det: 1 mcl w/sc; 3 halftracks (11/4); 3 trailers (ammo). Maint Sect: 1 mcl w/sc; 1 car (2/40). Bty Trains: 1 car (light); 4 trucks (light); 1 truck (medium).</p>
<p>KStN 607 1.11.1941</p>	<p>Headquarters, Motorized Heavy Rocket Launcher Battalion Bn Hqs: 3 mcl; 1 car (1); 3 cars (15). Bn Hqs Trains: 2 trucks (medium).</p>
<p>KStN 627 *) 1.82.1943</p>	<p>Headquarters Battery, Motorized Heavy Rocket Launcher Battalion (210mm) Bty Hqs: 2 mcl; 1 car (15); 1 armored observation vehicle (253 or 250/5). Signal Det: Hqs Sect: 1 car (15). 1 Hvy Tele Sect <i>a</i>: 1 car (2); 1 van (23). 2 Lt Tele Sect <i>c</i>: 1 car (15). 2 Lt Radio Sect <i>b</i>: 1 van (2). 4 Pack Radio Sect <i>f</i>: 1 car (2). Calibration Sect: 1 car (15); 1 halftrack (10/1). Bty Trains: 2 cars (light); 1 AA car (4 w/ dual MG); 3 trucks (light); 1 ambulance (31). Bn Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 3 trucks (3-ton). Bn Trains: 1 car (light); 2 trucks (medium).</p>
<p>KStN 666 1.02.1943</p>	<p>Motorized Light Rocket Launcher Column (210mm) Hqs Sect: 1 mcl; 1 car (light). 3 Transport Plt: 6 trucks (3-ton); 1 LMG. Col Trains: 1 truck (light); 1 truck (medium).</p>
<p>KStN 616 *) 1.02.1943</p>	<p>Motorized Heavy Rocket Launcher Battery (210mm) Bty Hqs: Hqs Sect: 4 mcl; 1 car (1); 1 armored observation vehicle (253 or 250/5). Signal Det: Hqs Sect: 1 car (15). 1 Lt Tele Sect <i>c</i>: 1 car (15). 3 Pack radio Sect <i>f</i>: 1 car (2). 1 Rocket Plt: Hqs Sect: 1 car (1). Launcher Sect: 3 halftracks (11/4); 3 launchers (210mm – towed). 1 Rocket Plt: Hqs Sect: 1 halftrack (11/1); 1 ATG (37mm – towed). Launcher Sect: 3 halftracks (11/4); 3 launchers (210mm – towed). 2 Ammo Det: 1 mcl w/sc; 3 halftracks (11/4); 3 trailers (ammo). Maint Sect: 1 mcl w/sc; 1 car (2/40). Bty Trains: 1 car (light); 1 AA car (4 w/ dual MG); 4 trucks (light); 1 truck (medium).</p>
<p>KStN 607 1.11.1941</p>	<p>Headquarters, Motorized Heavy Rocket Launcher Battalion Bn Hqs: 3 mcl; 1 car (1); 3 cars (15). Bn Hqs Trains: 2 trucks (medium).</p>
<p>KStN 625 *) 1.02.1943</p>	<p>Headquarters Battery, Motorized Heavy Rocket Launcher Battalion (300mm & 280/320mm) Bty Hqs: 2 mcl; 1 car (15); 1 armored observation vehicle (253 or 250/5). Signal Det: Hqs Sect: 1 car (15). 2 Hvy Tele Sect <i>a</i>: 1 car (2); 1 van (23). 2 Lt Tele Sect <i>c</i>: 1 car (15). 2 Lt Radio Sect <i>b</i>: 1 van (2). 4 Pack Radio Sect <i>f</i>: 1 car (2). Calibration Sect: 1 car (15); 1 halftrack (10/1). Bty Trains: 2 cars (light); 1 AA car (4 w/ dual MG); 3 trucks (light); 1 ambulance (31). Bn Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 3 trucks (3-ton). Bn Trains: 1 car (light); 2 trucks (medium); 3 trucks (3-ton).</p>
<p>KStN 665 1.02.1943</p>	<p>Motorized Light Rocket Launcher Column (300mm & 280/320mm) Hqs Sect: 1 mcl w/sc; 1 car (1). 3 Transport Plt: 4 trucks (medium); 1 LMG. Col Trains: 2 trucks (medium).</p>
<p>KStN 615 *) 1.11.1941</p>	<p>Motorized Heavy Rocket Launcher Battery (300mm & 280/320mm) Bty Hqs: Hqs Sect: 4 mcl; 1 armored observation vehicle (253 or 250/5). Signal Det: Hqs Sect: 1 car (15). 2 Hvy Tele Sect <i>a</i>: 1 car (2); 1 van (23). 3 Pack Radio Sect <i>f</i>: 1 car (2). 1 Rocket Plt: Hqs Sect: 1 car (1). Launcher Sect: 3 halftracks (11/5); 3 heavy launchers (towed). 1 Rocket Plt: Hqs Sect: 1 halftrack (11/5); 1 ATG (37mm – towed). Launcher Sect: 3 halftracks (11/5); 3 heavy launchers (towed). Ammo Det: 1 mcl w/sc; 6 Maultier (3/5). Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (2-ton). Bty Trains: 1 car (light); 1 car (1); 1 AA car (4 w/ dual MG); 5 trucks (medium); 5 trucks (3-ton).</p>

PANZERGRENADIER-REGIMENT
Motorized Independent Infantry Regiment



KSStN 1104
1.11.1941

Headquarters, Motorized Infantry Regiment
Rgt Hqs: 4 mcl; 2 mcl w/sc; 2 cars (15).

KSStN 1153
1.11.1941

Headquarters Company, Motorized Infantry Regiment

Co Hqs: 2 mcl; 2 mcl w/sc; 1 car (15).
Motorcycle Plt: Hqs Sect: 3 mcl; 2 cars (15).
3 Sqd: 4 mcl w/sc; 1 Scout Squad w/ 2 LMG.
ATG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 halftrack (10).
Gun Sect: 4 halftracks (10); 3 ATG (50mm – towed); 1 trailer (ammo); 3 LMG.
Signal Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (15).
1 Lt Tele Sect c: 1 car (15).
4 Pack Radio Sect b: 1 car (2).
2 Lt Armd Radio Sect d: 1 AC (261).
Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 car (light); 2 trucks (3-ton).
Co Trains: 1 mcl; 2 cars (light); 1 car (15); 2 trucks (light); 2 trucks (medium); 1 bus (medium/33 seats).

KSStN 1108
1.11.1941

Headquarters, Motorized Infantry Battalion

Bn Hqs: 5 mcl; 2 mcl w/sc; 3 cars (15).
Signal Det: Hqs Sect: 1 car (15).
1 Lt Tele Sect c: 1 car (15).
2 Pack Radio Sect d: 1 car (2).
2 Lt Radio Sect d: 1 van (17).
Bn Hqs Trains: 1 mcl w/sc; 1 car (15); 1 truck (2-ton); 1 truck (medium); truck (3-ton); 1 ambulance (31).
Bn Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 3 trucks (3-ton).
Bn Trains: 1 mcl; 2 cars (light); 2 trucks (light); 1 truck (medium); 5 trucks (3-ton).

KSStN 1114
1.11.1941

Motorized Infantry Company

Co Hqs: 3 mcl; 2 mcl w/sc; 1 car (15).
3 Inf Plt: Hqs Sect: 1 mcl; 1 car (15); 1 ATR.
3 Inf Sqd: 2 trucks (70); 1 Infantry Squad w/ 2 LMG.
1 Hvy Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (15).
2 HMG Sect: 2 trucks (70); 2 HMG.
1 Mortar Sect: 3 trucks (70); 2 mortars (81mm).
Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 car (15); 1 truck (2-ton); 1 truck (medium); 1 truck (3-ton).

KSStN 1121
1.11.1941

Motorized Heavy Company

Co Hqs: 3 mcl; 2 mcl w/sc; 1 car (15).
Lt Tele Sect c: 1 car (15).
Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 car (15); 1 truck (2-ton); 1 truck (medium); 1 truck (3-ton).

KSStN 1122a
1.12.1941

ATG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (15).
Gun Sect: 5 halftracks (10); 3 ATG (50mm – towed); 2 trailers (ammo); 3 LMG.

KSStN 1123
1.11.1941

IG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 truck (69).
Gun Sect: 3 trucks (69); 2 IG (75mm – towed); 1 trailer (ammo).

KSStN 714(A)
1.04.1943

Motorized Light Combat Engineer Company

Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (15).
Support Sect: 1 truck (1.5-ton); 1 truck (3-ton).
1 Lt Radio Sect b: 1 van (2-ton).
3 Engr Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (15); 1 truck (2-ton).
3 Sect: 2 trucks (2-ton); 1 Combat Engineer Section w/ 2 LMG.
Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 mcl w/sc; 3 trucks (medium).

KSStN 457
1.11.1941

Motorized 105mm Light Field Howitzer Battery

Bty Hqs: 3 mcl; 1 car (1); 2 cars (15).
Signal Det: Hqs Sect: 1 car (15).
1 Med Tele Sect b: 1 car (15); 1 van (76).
1 Lt Tele Sect c: 1 car (15).
1 Pack Radio Sect f: 1 car (2).
Gun Plt: Hqs Sect: 1 mcl; 1 car (4 w/ dual MG); 2 cars (15); 1 halftrack (11).
2 Gun Sect: 2 halftracks (11); 2 lt field howitzers (105mm – towed).
Ammo Det: 1 car (light); 4 trucks (3-ton).
Maint Sect: 1 mcl w/sc; 1 car (2/40).
Bty Trains: 1 truck (light); 4 trucks (medium).

KSStN 174
1.12.1942

Infantry Gun Company (motorized)

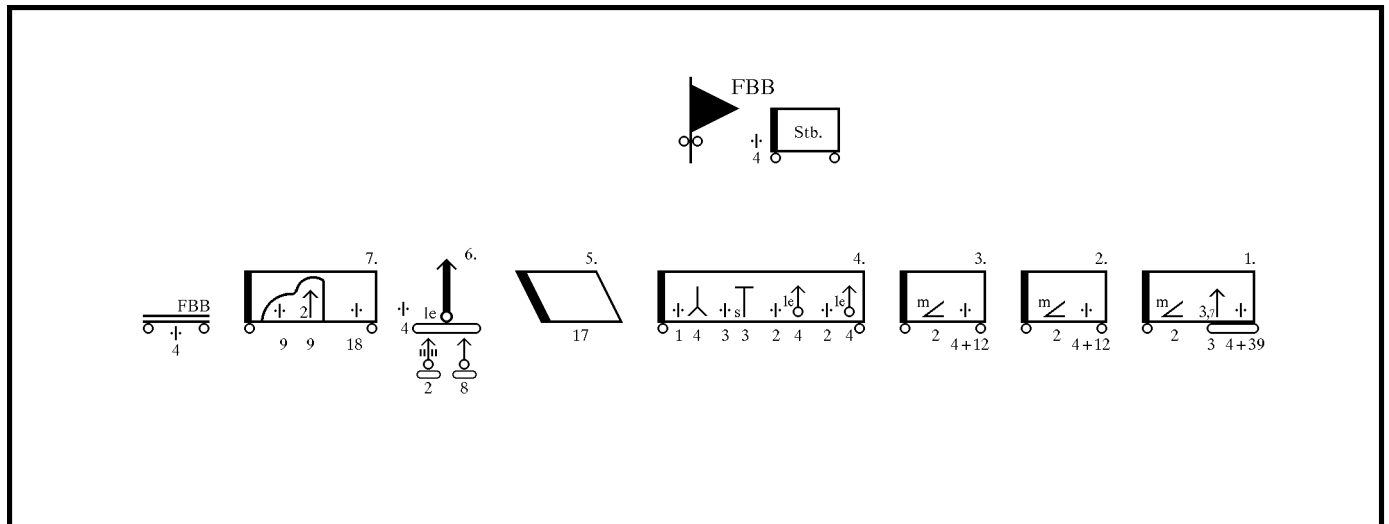
Co Hqs: 5 mcl; 2 mcl w/sc; 2 cars (15).
Signal Det: 2 Lt Tele Sect d: 1 car (15).
2 Pack Radio Sect d: 1 car (2).
2 Lt IG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (12).
Gun Sect: 6 cars (12); 2 lt IG (75mm – towed); 4 trailers (ammo).
1 Hvy IG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 halftrack (10).
1 Lt tele Sect d: rides in Headquarters Section halftrack.
Gun Sect: 4 halftracks (10); 2 hvy IG (150mm – towed); 2 trailers (ammo).
Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 car (light); 1 truck (light); 1 truck (medium); 2 trucks (3-ton).

NOTES:

The **92. Panzergrenadier-Regiment** was raised from the **287. Sonder-Verband** on 2.05.1943, (also known as the *Wüsten-Sonderverband* and the *Deutsch-Arabishe Legion*), which had been formed for the invasion of Iraq. After cancellation of this mission, portions were sent to North Africa. After the capitulation of all Axis forces in Tunisia, Army Group F gathered some of the remaining units into the 92nd independent Infantry Regiment. It consisted of two infantry battalions, an engineer company, and a light field howitzer battery. It was used against partisans in the Balkans.

The **382. Panzergrenadier-Regiment** was formed in the Summer of 1943 in southern Italy with troops originally destined for North Africa. It had three infantry battalions, an engineer and an infantry gun company. Until amalgamated into the 15. Panzergrenadier-Division in Italy in December 1943, it was used as GHQ reserves.

FÜHRER-BEGLEIT-BATALLION (motorisiert) Motorized Führer-Escort Battalion



KStN 114
1.10.1942

Headquarters, *Führer-Begleit-Bataillon*

Bn Hqs: 2 mcl w/sc; 3 cars (medium); 1 car (VW); 6 cars (15); 2 trucks (medium).

KStN 150
1.10.1942

Headquarters Company, *Führer-Begleit-Bataillon*

Co Hqs: 6 mcl; 3 mcl w/sc; 1 car (15); 12 cars (heavy).

Signal Det: Hqs Sect: 1 mcl; 1 car (2/2).

1 Lt Tele Sect c: 1 car (15).

1 Med Radio Sect a: 1 car (15); 1 van (17).

2 Lt Radio Sect e: 1 van (17).

Co Maint Sect: 1 mcl w/sc; 1 car (2/40).

Bn Maint Plt: 3 mcl w/sc; 1 car (light); 1 car (2/40); 6 trucks (medium); 1 truck (heavy); 1 van (79); 1 bus (medium/28 seats); 1 trailer (tool); 1 LMG.

Bn Trains: 2 mcl w/sc; 1 car (15); 2 ambulances (31); 24 trucks (medium); 2 LMG.

Orderly Sect: rides in Battalion Trains vehicles.

Band: 2 buses (medium/33 seats).

Staff of the Commandant of the Führer Headquarters:

1 mcl; 1 mcl w/sc; 5 cars (medium); 2 cars (heavy); 5 cars (15); 2 trucks (medium); 1 bus (medium/33 seats); 1 LMG.

Staff of the Adjutant of the Führer Headquarters:

1 mcl; 1 mcl w/sc; 4 cars (heavy).

KStN 1114(gp)
1.11.1941

1st (Armored Infantry) Company / *Führer-Begleit-Bataillon*

Co Hqs: 3mcl; 1 mcl w/sc; 2 SPW (250/3).

3 Inf Plt: Hqs Sect: 1 mcl; 1 SPW (251/10 with 37mm ATG).

3 Inf Sqd: 1 SPW (251/1); 1 Infantry Squad w/ 2 LMG.

1 Hvy Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 SPW (251/1).

2 HMG Sect: 1 SPW (251/1); 2 HMG.

1 Mortar Sect: 2 SPW (251/2 with 81mm mortar).

Maint Sect: 1 mcl w/sc; 1 car (2/40).

Co Trains: 1 car (15); 1 truck (2-ton); 1 truck (medium); 1 truck (3-ton).

KStN 137c
1.10.1942

2nd and 3rd (Motorized Infantry) Company / *Führer-Begleit-Bataillon*

Co Hqs: 3 mcl; 1 mcl w/sc; 2 cars (15).

4 Inf Plt: Hqs Sect: 1 mcl; 1 car (15); 1 ATR.

3 Sect: 1 truck (70); 1 Infantry Squad w/ 1 LMG.

Hvy Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (15).

2 HMG Sect: 1 truck (70); 2 HMG.

1 Mortar Sect: 3 trucks (70); 2 mortars (81mm).

Maint Sect: 1 mcl w/sc; 1 car (2/40).

Co Trains: 1 mcl; 2 mcl w/sc; 1 car (15); 12 trucks (medium).

KStN 193
1.02.1942

4th (Motorized Heavy) Company / *Führer-Begleit-Bataillon*

Co Hqs: 3 mcl w/sc; 2 cars (15).

2 AA Plt: Hqs Sect: 3 mcl w/sc; 2 cars (15).

Ammo Sect: 2 halftracks (10/4 without guns); 2 trailers (ammo); 2 LMG.

Gun Sect: 4 halftracks (10/4 w/ 20mm Flak 38); 4 trailers (ammo).

1 ATG Plt: Hqs Sect: 3 mcl w/sc; 2 cars (15); 1 LMG.

Ammo Sect: 2 halftracks (10); 2 trailers (ammo); 1 LMG.

Gun Sect: 4 halftracks (10); 4 ATG (50mm – towed).

1 Rocket Plt: 3 mcl; 2 cars (15); 1 LMG.

Ammo Sect: 1 car (15); 4 halftracks (11/4); 4 trailers (ammo).

Launcher Sect: 1 car (15); 4 halftracks (11/4); 4 Launchers (150mm – towed).

Maint Sect: 1 mcl w/sc; 1 car (2/40).

Co Trains: 1 mcl; 2 mcl w/sc; 1 car (15); 12 trucks (medium).

KStN 1172
1.02.1942

5th (Tank) Company / *Führer-Begleit-Bataillon*

Co Hqs: 3 mcl; 1 car (15); 5 Pz-II (121); 2 Pz-IV (161).

3 Plt: 5 Pz-IV (161).

Maint Sect: 3 mcl w/sc; 1 car (2/40); 3 trucks (3-ton); 2 halftracks (10); 2 halftracks (9); 1 trailer (22-ton/medium tank).

Co Trains: 2 mcl w/sc; 1 car (1); 2 trucks (medium); 11 trucks (3-ton).

KStN 192(gek)
1.06.1943

6th (Self-Propelled Light Anti-Aircraft) Company / *Führer-Begleit-Bataillon*

Co Hqs: 2 mcl; 1 car (15); 1 LMG.

Signal Det: Hqs Sect: 1 car (15).

1 Lt Tele Sect c: 1 car (15).

3 Pack Radio Sect b: 1 car (2).

Gun Sect: 4 trucks (81); 4 AA guns (20mm – towed).

2 Mono SP'd Plt: Hqs Sect: 1 mcl; 2 cars (15); 1 LMG.

Ammo Sect: 2 halftracks (10/4 w/o guns).

Gun Sect: 4 halftracks (10/4 with 20mm Flak).

1 Quad SP'd Plt: Hqs Sect: 1 mcl; 2 cars (15); 1 LMG.

Ammo Sect: 2 halftracks (7/1 w/o guns).

Gun Sect: 2 halftracks (7/1 with 20mm Quad Flak).

Maint Sect: 1 car (2/40); 1 truck (medium).

Co Trains: 1 mcl w/sc; 1 car (15); 2 trucks (light); 2 trucks (1.5-ton); 2 trucks (3-ton).

KStN 137b
1.11.1942

7th (Reconnaissance) Company / *Führer-Begleit-Bataillon*

Co Hqs: 3 mcl; 4 mcl w/sc; 1 car (15).

3 Recon Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 VW (1); 1 car (15); 1 truck (medium); 1 ATR.

3 Sect: 3 VW (1); 1 Reconnaissance Squad w/ 2 LMG.

1 AC Plt: 9 AC (222); 3 AC (223).

Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (medium).

Co Trains: 1 mcl; 2 mcl w/sc; 1 car (15); 11 trucks (medium).

KStN 1220 *)
1.04.1942

Transport Column / *Führer-Begleit-Bataillon*

Col Hqs: 1 mcl; 1 car (light); 1 car (15); 1 LMG

3 Transport Sect: 4 trucks (medium); 1 LMG.

Col Trains: 1 mcl; 3 trucks (light).

NOTES:

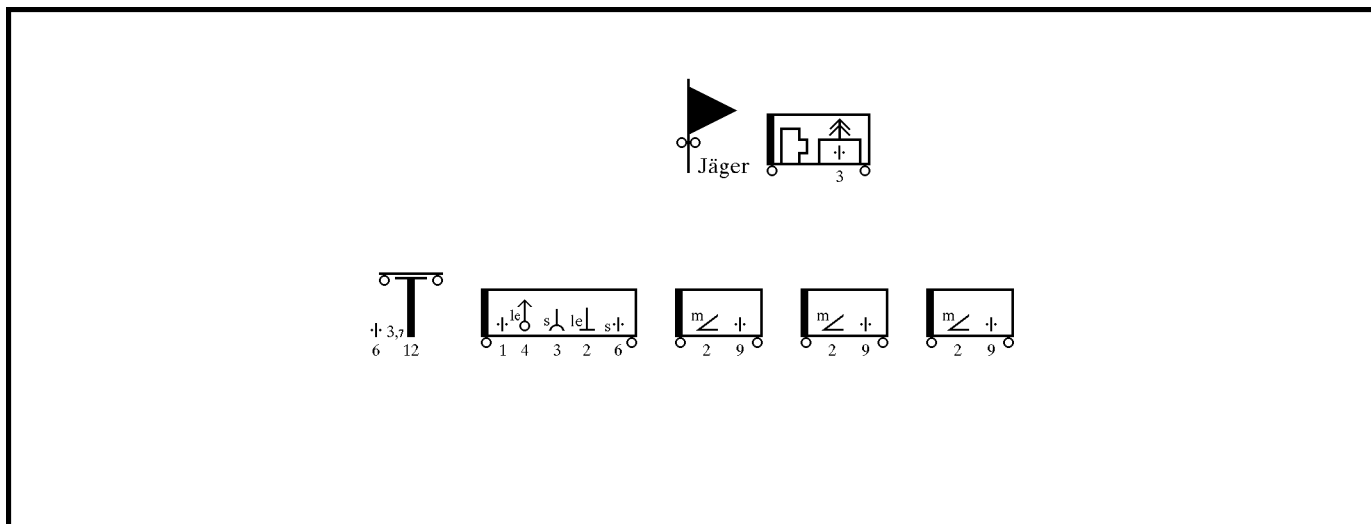
This battalion was the sister unit of the *Großdeutschland* Infantry Division (mot), and was charged with guarding the Führer Headquarters, and, as its name indicated, escorting him when he was away from his headquarters.

Although in name only a guard and escort unit, the *FBB* was manned by elite troops, especially selected for the battalion. Throughout the war, portions of the battalion's fighting elements were frequently dispatched to the East Front and used in combat, usually in particularly critical situations. It was eventually increased to regiment, then brigade, and lastly to division size.

The various Führer Headquarters administrative units, such as the Staffs, the Band, and the Orderly Section did not accompany the battalion in combat.

On 4.07.1943, the *FBB* was in East Prussia at the *Führerhauptquartier* (code named *Wolfschanze*).

JÄGER-BATAILLON (motorisiert) Light Infantry Battalion (motorized)



- KStN 116d** **Headquarters, Light Infantry Battalion (motorized)**
1.02.1943 Bn Hqs: 6 mcl; 1 mcl w/sc; 1 car (light); 3 cars (15); 1 truck (medium).
- KStN 140d** **Headquarters Company, Light Infantry Battalion (motorized)**
1.02.1943 Co Hqs: 1 mcl; 1 car (15); 1 truck (medium).
Signal Plt: Hqs Sect: 1 car (15).
 2 Lt Tele Sect *a*: 1 RSO.
 8 Pack Radio Sect *b*: 1 car (2).
Engr Plt: Hqs Sect: 1 car (15); 1 RSO.
 3 Engr Sect: 2 RSO; 1 trailer (equipment); 1 Engineer Section with 1 LMG.
Bn Maint Det: 1 mcl; 1 car (light); 1 car (2/40); 2 trucks (3-ton).
Bn Trains: 3 mcl w/sc; 1 truck (light); 10 trucks (medium); 1 ambulance (31); 2 LMG.
- KStN 133d** **Motorized Light Infantry Company, Light Infantry Battalion (motorized)**
1.02.1943 Co Hqs: 5 mcl; 1 car 815; 1 truck (medium); 1 trailer (equipment).
3 Lt Inf Plt: Hqs Sect: ride with Infantry Squad vehicles.
 3 Sqd: 2 RSO; 1 Infantry Squad with 1 LMG.
Mortar Sect: 3 RSO; 2 mortars (81mm).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 mcl w/sc; 1 truck (light); 7 truck (medium); 1 LMG.
- KStN 156d** **Motorized Heavy Company, Light Infantry Battalion (motorized)**
1.02.1943 Co Hqs: 8 mcl; 1 car (15); 1 truck (medium).
HMG Plt: Hqs Sect: 2 mcl; 1 car (15).
 3 HMG Sect: 2 RSO; 2 HMG.
IG Plt: Hqs Sect: 1 mcl; 2 cars (15); 1 RSO.
 Gun Sect: 4 RSO; 2 lt IG (75mm – towed).
AT Plt: Hqs Sect: 1 mcl; 1 car (15).
 Gun Sect: 3 RSO; 3 ATG (28mm cone-bore – towed).
AA Plt: Hqs Sect: 3 mcl; 2 cars (15); 1 LMG.
 Gun Sect: 4 halftracks (10/4 with 20mm Flak); 2 halftracks (10/4 w/o guns); 4 trailers (ammo).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 mcl w/sc; 1 truck (light); 8 trucks (medium); 1 LMG.
- KStN 1141** **Motorized Antitank Company**
1.11.1941 Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (12).
3 AT Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (12).
 Gun Sect: 5 trucks (69); 4 ATG (37mm – towed); 2 LMG.
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 car (light); 1 truck (light); 3 trucks (2-ton); 1 truck (medium).

NOTES:

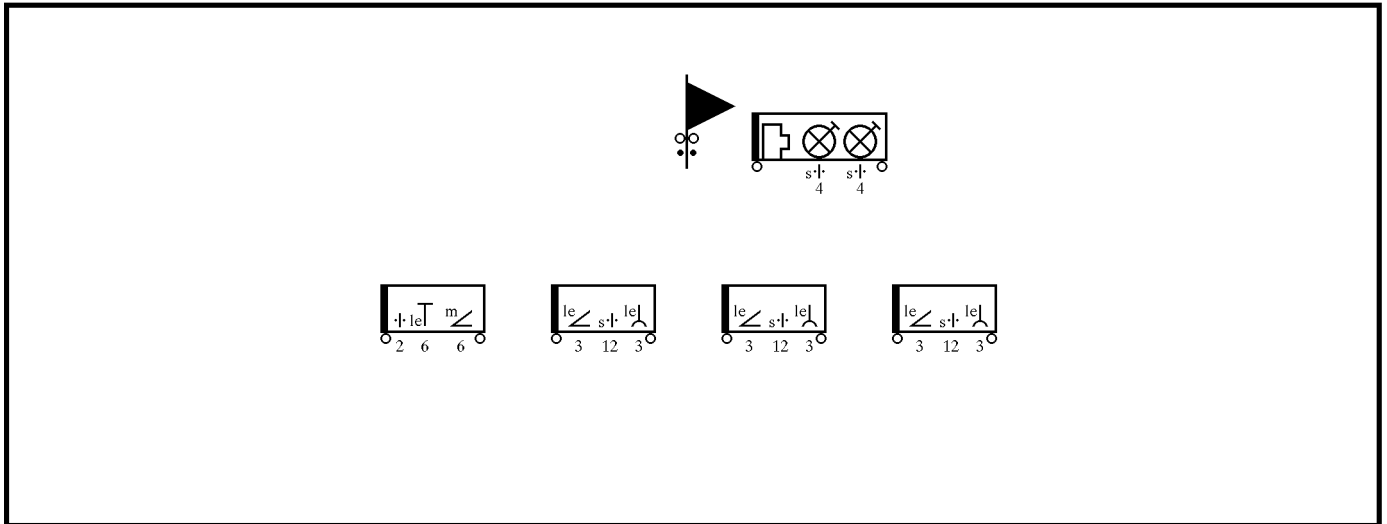
The Jäger-Bataillonen were conceived as anti-partisan units to combat the ever increasing and ever stronger groupings of well-organized and equipped partisan bands behind the German lines. These special mobile light infantry units had originally been designated as *Jagd-Kommandos* (i.e. Hunter Commandos). Equipped with RSO's, the Jäger battalions could quickly move to trouble spots. Besides the RSO's, the Jäger battalions also had sleds and skis included in their organizational tables for winter mobility.

The 1. – 10. Jäger Battalions were raised in July 1942, the 11. and 12. in October 1942, and the 13. in August 1942. The 12. Jäger-Bataillon was never used in the field, and was converted to the 2nd Jäger Replacement Battalion of the 1st Jäger

Replacement Regiment in Ayr. Except for the 7. and 8. Jäger-Bataillonen, all the motorized light infantry battalions had a (5th) motorized light antitank company permanently assigned. During 1942 – 1943, they were heavily engaged in the Priepet Marshes, central Russia.

The Jäger battalions were also occasionally used a regular combat units, such as in the Battle of Kursk, where the 9th, 10th, and 11th Battalions were gathered under the Headquarters, 19. Panzer-Grenadier-Brigade, (known as the "Gruppe von Manteufel"), assigned to the XXXXVI. Panzerkorps, and the 8th and 13th Battalions fought under the Headquarters, 18. Panzer-Grenadier-Brigade which was assigned to the XXIII. Armeekorps.

MASCHINGEWEHR-BATAILLON (motorisiert)
Machine Gun Battalion (motorized)



- KStN 120**
1.02.1941 **Headquarters, Machine Gun Battalion (motorized)**
Bn Hqs: 1 mcl; 3 mcl w/sc; 1 car (1); 2 cars (15); 1 car (21).
- KStN 164**
1.02.1941 **Headquarters Company, Machine Gun Battalion (motorized)**
Co Hqs: 6 mcl; 1 car (15).
2 HMG Plt: Hqs Sect: 2 mcl; 1 mcl w/sc; 2 cars (15); 1 car (18).
2 HMG Det: 2 mcl; 6 mcl w/sc; 2 HMG.
1 Signal Plt: Hqs Sect: 2 mcl; 1 car (15).
2 Lt Tele Sect *c*: 1 car (15).
6 Pack Radio Sect *b*: 1 car (2).
Bn Maint Det: 1 mcl w/sc; 1 car (2/40); 2 cars (light); 1 truck (light); 2 trucks (3-ton).
Bn Ammunition Det: 1 mcl; 4 trucks (light).
Bn Hqs Trains: 3 mcl; 2 mcl w/sc; 1 car (light); 2 trucks (light); 2 trucks (2-ton); 2 trucks (3-ton); 1 ambulance (31).
- KStN 166**
1.02.1941 **Machine Gun Company, Machine Gun Battalion (motorized)**
Co Hqs: Hqs Sect: 6 mcl; 1 car (11); 1 car (15).
ATR Sect: 1 mcl; 3 mcl w/sc; 3 ATR.
Signal Det: Hqs Sect: 1 car (2).
1 Lt Tele Sect *c*: 1 car (15).
4 Pack Radio Sect *d*: 1 car (15).
3 HMG Plt: Hqs Sect: 2 mcl; 1 mcl w/sc; 2 cars (11).
2 HMG Det: 2 trucks (70); 2 HMG.
1 Mortar Sect: 2 mcl w/sc; 1 mortar (50mm).
Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 3 mcl; 1 mcl w/sc; 1 car (light); 2 trucks (light); 2 trucks (2-ton); 2 trucks (medium).
- KStN 167**
1.02.1941 **Heavy Company, Machine Gun Battalion (motorized)**
Co Hqs: 5 mcl; 1 mcl w/sc; 1 car (12).
2 ATG Plt: Hqs Sect: 3 mcl; 1 mcl w/sc; 1 car (12).
Ammo Sect: 3 cars (12); 3 trailers (ammo).
Gun Sect: 4 cars (12); 3 ATG (37mm – towed); 1 LMG.
1 Mortar Plt: Hqs Sect: 2 mcl; 1 mcl w/sc; 1 car (12).
Ammo Sect: 2 cars (12); 2 trailers (ammo).
3 Mortar Sect: 1 mcl; 3 cars (12); 2 mortars (81mm).
Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 mcl; 1 mcl w/sc; 1 car (light); 2 trucks (light); 1 truck (2-ton); 2 trucks (3-ton).

NOTES:

The motorized MG battalions had originally been conceived as defensive formations. As the name implies, these battalions lavishly equipped with heavy machine guns.

Initially, the motorized MG battalions all had three MG companies and one antitank company each. In 1941, a mortar platoon was added to the antitank company, resulting in the organization depicted above. Several battalions had engineer companies (both motorized and non-motorized) assigned or attached from time to time.

The Germans raised nine motorized MG battalions in 1935 (1. – 9.). An additional two were raised in 1937 (10. & 11.), and another three in 1938 (13. – 15.), and one (16.) was raised in 1940. The number 12 was not used.

In total, there were never more than fifteen motorized MG battalions. Of these, six (1., 3., 6., 7., 11., 15.) were converted to motorcycle infantry battalions for the new mechanized divisions in late 1940.

Two further battalions (2. & 8.) were sent to Libya in February 1941, (which was originally supposed to have been a defensive holding action until Rommel decided otherwise). These two battalions were converted to motorized infantry battalions, (III./115. and I./104. Schützen-Regiment, respectively).

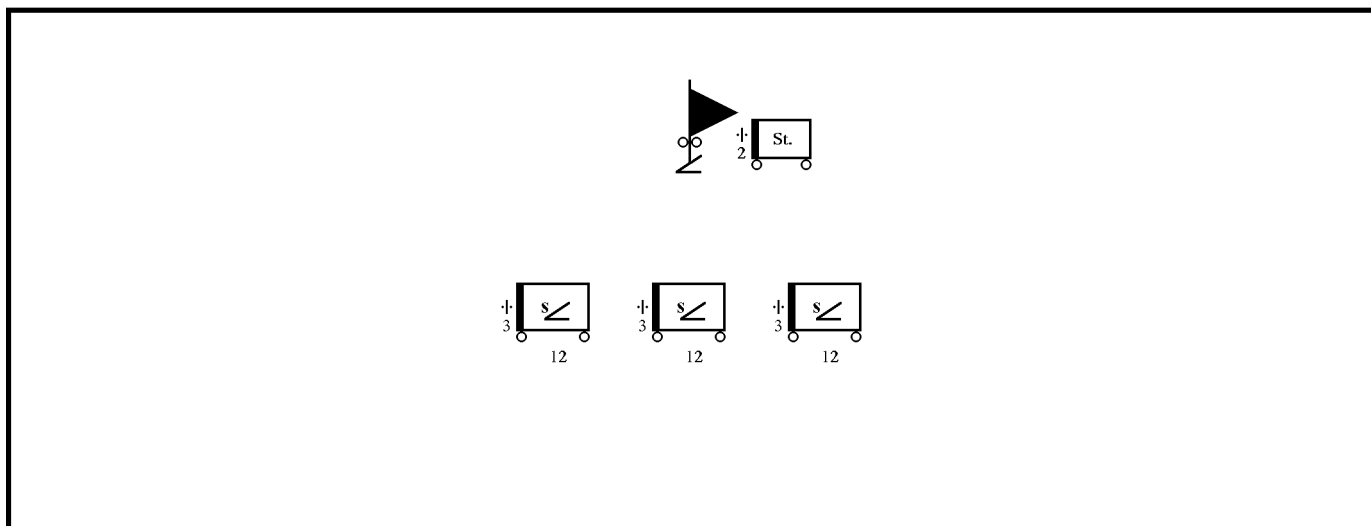
The 5th and 10th MG Battalions were converted to the 5th and 10th Mortar Battalions on 1.02.1943 and 6.05.1943, respectively.

The 9th MG Battalion was lost in Stalingrad in February 1943. It was not raised again.

The 16th MG Battalion was de-motorized in 1942. It remained on the Channel Islands under Army Group D until the end of the war.

On 4.07.1943, there were therefore 3 MG Battalions (mot) left, as follows: 4th, 13th, and 14th. All three were stationed in Finland with the 20th Mountain Army, where they functioned as mobile reserves.

SCHWERER GRANATWERFER-BATAILLON (motorisiert)
Heavy 120mm Mortar Battalion (motorized)



KStN 120a *)
10.05.1943

Headquarters, Heavy 120mm Mortar Battalion (motorized)

Bn Hqs: 1 mcl; 3 mcl w/sc; 1 car (1); 2 cars (15); 1 car (21).

KStN 165a *)
10.05.1943

Headquarters Company, Heavy 120mm Mortar Battalion (motorized)

Co Hqs: 6 mcl; 1 car (15); 1 LMG.

1 Signal Plt: Hqs Sect: 2 mcl; 1 car (15).

2 Lt Tele Sect c: 1 car (15).

6 Pack Radio Sect d: 1 car (2).

Bn Maint Det: 1 mcl w/sc; 1 car (2/40); 2 cars (light); 1 truck (light); 2 trucks (3-ton).

Bn Ammunition Det: 1 mcl; 4 trucks (light); 1 LMG.

Bn Hqs Trains: 3 mcl; 2 mcl w/sc; 1 car (light); 2 trucks (light); 2 trucks (2-ton); 2 trucks (3-ton); 1 ambulance (31).

KStN 166
6.11.1942

Heavy 120mm Mortar Company (motorized)

Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (15).

2 Lt Tele Sect c: 1 car (15).

3 Pack Radio Sect d: 1 car (2).

3 Mortar Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (15).

Ammo Sect: 4 trucks (3-ton); 4 trailers (ammo); 1 LMG.

Mortar Sect: 4 trucks (3-ton); 4 mortars (120mm – towed).

Co Maint Sect: 1 mcl w/sc; 1 car (2/40).

Co Trains: 1 car (light); 1 truck (light); 3 trucks (medium).

NOTES:

The motorized heavy mortar battalions were equipped with the 12cm Granatwerfer 42, which was an almost identical copy of the Russian standard weapon. The mortar was equipped with a two-wheeled, quickly attached axle, and the bipod was carried clamped to the mortar ready for action. The weapon could be quickly towed or manhandled by its crew into its firing position. In firing position, the mortar rested on a round base plate and the bipod at the front. The heavy shell of the 120mm mortar provided a type of fire support comparable to that from the light 105mm field howitzer, albeit at shorter ranges.

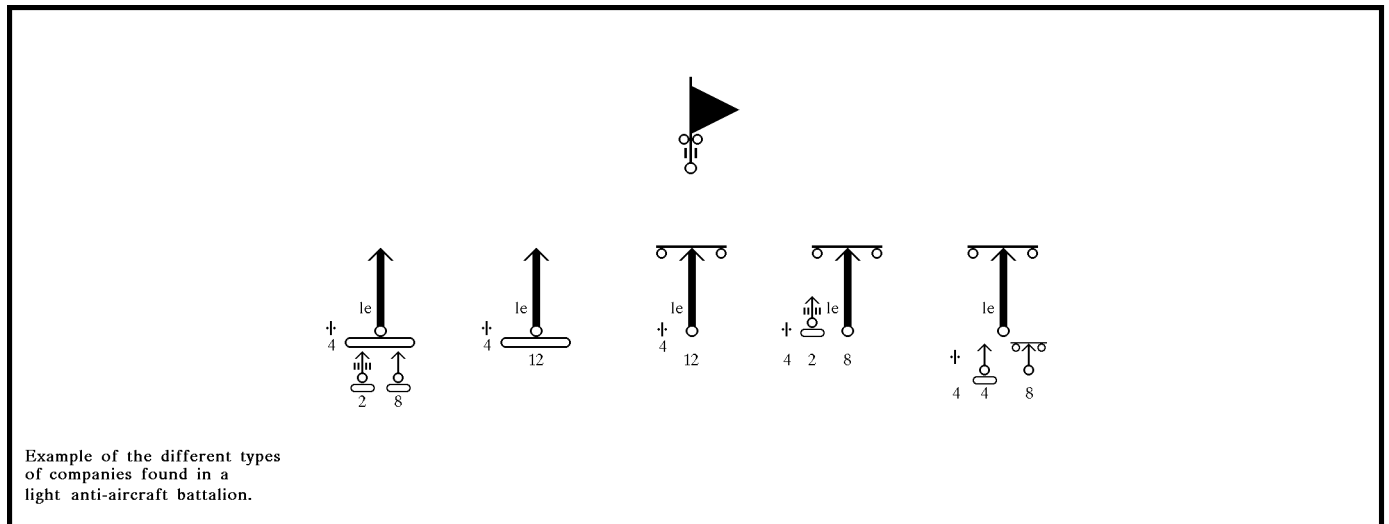
On 4.07.1943, there were five of these battalions, as follows:

5. Not independent. Assigned to the 78. Sturm-Division.
- 9.
- 10.
- 18.
- 19.

Specifications of the Heavy 120mm Mortar

Designation:	12cm Granatwerfer 42 (12cm Gr.W. 42)
Manufactured by:	BMF
Introduced in:	1943
Trailer Loads:	one
Caliber:	120mm
Barrel length:	L/15,6
Range:	6,050 meters
Shell weight:	15.6 kilos
Unlimbered weight:	285 kilos
Limbered weight:	560 kilos
Traverse:	20° / 20°
Elevation:	+ 40° to + 75°
Rate of Fire:	8 – 10 rounds per minute

LEICHTE FLIEGERABWEHR-BATAILLON (motorisiert/selbstfahrlafette)
Light Anti-Aircraft Battalion (Motorized/Self-Propelled)



Example of the different types of companies found in a light anti-aircraft battalion.

KStN 123 Headquarters, Mechanized Light Anti-Aircraft Battalion

1.02.1941
 Bn Hqs: 7 mcl; 1 car (2); 1 car (15).
 Signal Det: Hqs Sect: 1 car (2).
 6 Pack Radio Sect *b*: 1 car (2).
 Bn Maint Det: 1 mcl w/sc; 1 car (2/40); 2 cars (light); 1 truck (light); 3 trucks (3-ton).
 Bn Trains: 3 mcl; 1 car (light); 2 trucks (light); 2 trucks (2-ton); 1 truck (3-ton); 1 ambulance (31).

KStN 192(gek) Mechanized Light Anti-Aircraft Company

1.06.1943
 Co Hqs: 2 mcl; 1 car (15); 1 LMG.
 Signal Det: Hqs Sect: 1 car (15).
 1 Lt Tele Sect *c*: 1 car (15).
 3 Pack Radio Sect *b*: 1 car (2).
 Mot Mono Plt: Hqs Sect: 3 mcl; 2 cars (15); 1 LMG.
 Ammo Sect: 2 trucks (81).
 Gun Sect: 4 trucks (81); 4 AA Guns (20mm Flak 30 – towed).
 Mono SP'd Plt: Hqs Sect: 1 mcl; 2 cars (15); 1 LMG.
 Ammo Sect: 2 halftracks (10/4 w/o guns).
 Gun Sect: 4 halftracks (10/4 with 20mm Flak).
 Quad SP'd Plt: Hqs Sect: 1 mcl; 2 cars (15); 1 LMG.
 Ammo Sect: 2 halftracks (7/1 w/o guns).
 Gun Sect: 2 halftracks (7/1 with 20mm Quad Flak).
 Maint Sect: 1 car (2/40); 1 truck (medium).
 Co Trains: 1 mcl w/sc; 1 car (15); 4 trucks (1.5-ton); 2 trucks (3-ton).
 Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (medium).
 Co Trains: 2 mcl; 1 mcl w/sc; 1 car (15); 2 trucks (light); 2 trucks (2-ton); 2 trucks (3-ton).

NOTES:

The light anti-aircraft units (with KStN numbering in the 100's), were raised by the Infantry Inspectorate. They were found as independent companies or as battalions. The battalions had either 3 or 4 companies.

vehicles and guns, so that the organization of the companies and battalions varied considerably. They were either completely self-propelled, or partially self-propelled and partially motorized. In addition, some companies had 2 mono 20mm gun platoons and 1 quad 20mm gun platoon, which was the intended final organization for all companies.

Combat losses and manufacturing bottlenecks resulted in a lack of appropriate

Bn	1st Company	2nd Company	3rd Company	4th Company	Remarks
501.	6 Quad/SP	6 Quad/SP	6 Quad/SP	–	
601.	12 Mono/SP	12 Mono/SP	12 Mono/SP	12 Mono/SP	Dissolved 1.08.1943
604.	8 Mono/SP & 2 Quad/SP	8 Mono/SP & 2 Quad/SP	8 Mono/SP & 2 Quad/SP	12 Mono/SP	Dissolved 1.08.1943
607.	12 Mono/mot	12 Mono/mot	12 Mono/mot	–	
615.	12 Mono/mot	4 Mono/SP & 8 Mono/Mot	12 Mono/mot	12 Mono/SP	
619.	8 Mono/SP & 2 Quad/SP	8 Mono/SP & 2 Quad/SP	8 Mono/SP & 2 Quad/SP	–	

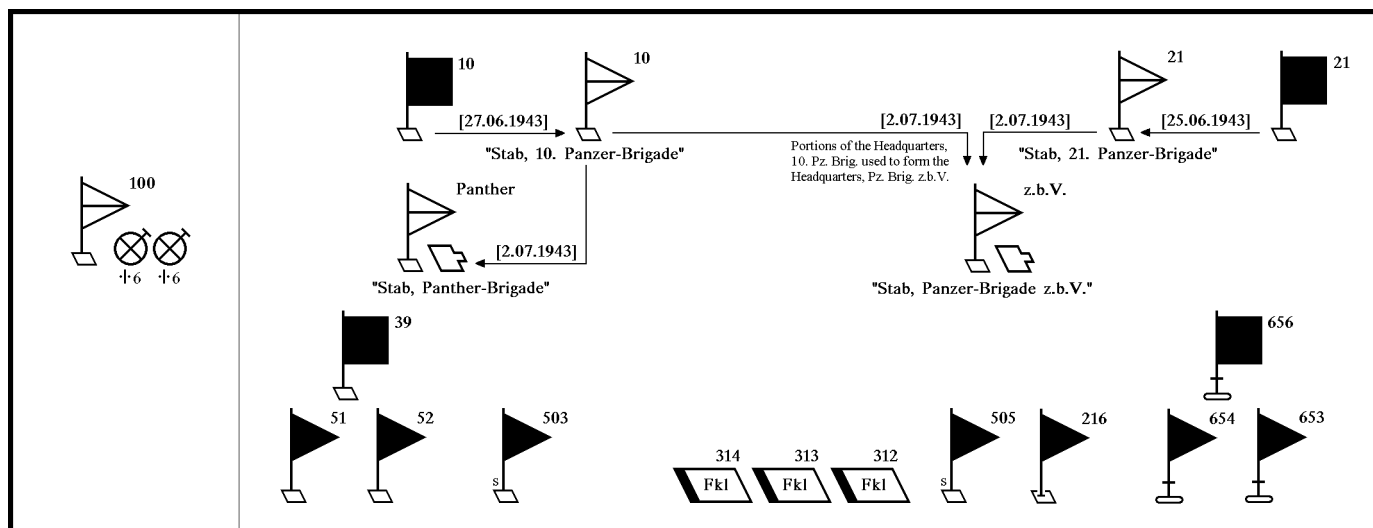
The Infantry Inspectorate had raised 14 independent light anti-aircraft companies on 1.07.1943, using the components of two light anti-aircraft battalions (616. & 618.) which had been dissolved on that date:

- 675. 12 Mono/SP
- 676. 12 Mono/SP
- 677. 12 Mono/SP
- 678. 12 Mono/SP
- 679. 12 Mono/SP
- 680. 12 Mono/SP
- 681. 12 Mono/SP
- 682. 12 Mono/mot
- 683. 12 Mono/mot
- 684. 12 Mono/mot
- 685. 8 Mono/SP & 2 Quad/SP
- 686. 12 Mono/mot
- 687. 12 Mono/mot
- 688. 12 Mono/mot

A further 16 independent companies were raised on 1.08.1943.

<i>Specifications of the Light Anti-Aircraft Guns</i>			
Designation:	2cm Flak 38	2cm Flak 38 auf Sd.Kfz. 10/4	2cm Flak Vierling auf Sd.Kfz. 7/1
Caliber:	20mm	20mm	20mm
Barrel length:	L/65	L/65	L/65
Horizontal range:	4,800 meters	4,800 meters	4,800 meters
Vertical Range:	3,700 meters	3,700 meters	3,700 meters
Ammo weight:	0.33 kilos	0.33 kilos	0.33 kilos
Unlimbered weight:	405 kilos	5,365 kilos	11,540 kilos
Limbered weight:	860 kilos	–	–
Traverse:	360°	360°	360°
Elevation:	– 10° / + 90°	– 20° / + 90°	– 10° / + 100°
Practical Rate of Fire:	220 rpm	220 rpm	4x 200 rpm
Road speed:	–	50 kmh	50 kmh

STAB, PANZERBRIGADE z.b.V
Headquarters, Special Tank Brigade

**KStN 53**

21.06.1943

Headquarters, Independent Tank Brigade

Brig Hqs: 1 mcl w/sc; 5 mcl; 2 VW (1).

Maint Sect: 1 truck (1.5-ton); 1 truck (3-ton).

Brig Hqs Trains: 1 VW (1); 1 truck (light); 2 trucks (1.5-ton); 1 truck (medium); 3 trucks (3-ton).

KStN 1067a

1.01.1943

Motorcycle Platoon

Mcl Plt: 26 mcl; 5 mcl w/sc.

KStN 974

18.06.1943

Signal Platoon, Independent Tank Brigade

Plt Hqs: 12 mcl; 1 VW (1); 1 car (15); 1 truck (1.5-ton).

Armored Command Radio Sect: 1 SPW (251/6).

1 Armd Radio Det: 3 Bef-Pz-III (141/2 as command tanks).

1 Armd Lt Radio Sect c: 1 SPW (251/6).

1 Mot Lt Radio Sect e: 1 van (17).

1 Armd Tele Ops Sect: 1 SPW (251/11); 1 SPW (251/19).

2 Armd Hvy Tele Sect: 1 SPW (251/11).

NOTES:

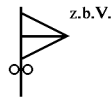
The **Stab, 100. Heeres-Panzer-Brigade** (Headquarters, Independent Tank Brigade, with two motorcycle platoons), was responsible for administration, training and raising all Army armored units present in France. The brigade maintained a large equipment park of French vehicles, guns, tanks, and other equipment. This equipment was provided to units being raised in France or sent there for refitting. Burnt out Panzer units normally turned over all their remaining equipment to another unit before departure, and the remnants were then shipped to France, where they were brought up to strength. They were filled up with personnel replacements, which were then schooled in institutions maintained by the 100th Armored Brigade. In addition to relying on replacements in the form of wounded returning to their units, personnel coming back from leave, and those having finished various courses, the brigade had its own personnel replacement battalion, the 100. Panzer-Ersatz-Abteilung, which provided tank personnel as needed. At the same time, unit tactical training was provided at Training Grounds also maintained by the Brigade. As the unit slowly recovered, it started to receive its normal (usually German) equipment. By the time it was combat ready, it was completely refitted and filled up to its authorized organization, and the French equipment was returned to the 100. Heeres-Panzer-Brigade.

The 100. Heeres-Panzer-Brigade was redesignated as the Stab, General der Panzertruppen (Headquarters, General of the Armored Troops) for Ob. West on 5.07.1943. It was to be again redesignated as Panzergruppenkommando West (Armored Command West) on 24.01.1944.

The **Stab, Panther-Brigade** (Headquarters, Panther Brigade), (with signal platoon), was formed to command the two Panther battalions of the 39. Panzer Regiment. The brigade headquarters was raised on 2.07.1943 from the Stab, 10. Panzer-Brigade, which in turn had previously been the Stab, 10. Panzer-Regiment until 27.06.1943. The brigade was also known by other names, such as the "Brigade von Lauchert", (after the brigade commander), and "10. Panzer-Brigade", (after its previous designation). The brigade had a total of 200 Pz-V Panthers and 45 Pz-VI Tigers. [The Panther and the Tiger battalions are detailed on the following pages.]

The **Stab, Panzer-Brigade z.b.V.** (Headquarters, Tank Brigade for Special Purposes), (with signal platoon), was raised to provide command and control to the specialized armored units assigned to the XXXXI. Panzerkorps of the 9th Army. It had been formed on 2.07.1943 from the Stab, 21. Panzer-Brigade, (which had been redesignated from the Stab, 21. Panzer-Regiment on 25.06.1943), and elements of the Stab, 10. Panzer-Brigade. It was also known as "Panzer-Brigade Decker", (after the brigade commander). It had under its command the 656. Panzerjäger-Regiment (with the 653. and 654. Panzerjäger-Abteilung ("Tiger (P)"), the 505. schwere Panzer-Abteilung ("Tiger"), the 261. Sturm-Panzer-Abteilung, as well as the 312., 313., and 314. Panzer-Kompanie (Funklenk), three companies equipped with remote-controlled armored demolition vehicles. [These units are detailed on the following pages.]

STAB, PANZERGRENADIERBRIGADE z.b.V
Headquarters, Special Motorized Infantry Brigade



KStN 54 **Headquarters, Independent Motorized Infantry Brigade**
 1.11.1941 Brig Hqs: 6 mcl; 4 mcl w/sc; 2 cars (15); 1 car (21).
 Brig Trains: 2 trucks (1.5-ton); 1 truck (medium).

NOTES:




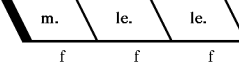




The Army maintained five Headquarters, Motorized Infantry Brigade which had been part of Panzer Divisions, but had not been disbanded in 1942. They were:

- Stab, 4. Panzergrenadier-Brigade z.b.V.**
- Stab, 7. Panzergrenadier-Brigade z.b.V.**
- Stab, 17. Panzergrenadier-Brigade z.b.V.**
- Stab, 18. Panzergrenadier-Brigade z.b.V.**
- Stab, 19. Panzergrenadier-Brigade z.b.V.**

They served a useful purpose, being available to carry out tasks of varying character and limited duration with a reasonably high ranking officer in charge, without having to divert, or even raise specialized units, and thereby allowing other commands to carry on with their normal functions.

These Headquarters, Motorized Infantry Brigade were used for such tasks as commanding small special units, (i.e., 19. Pz. Gren. Brigade as *Gruppe von Manteufel* with three Jäger Battalions in the Battle of Kursk), overseeing the refitting and refreshing of depleted units for short periods of time behind the lines, serving as temporary headquarters for units of different parent formations, (which could, for example, be carrying out anti-partisan operations), or gathering up of remnants of various units escaping from enemy encirclement or breakthroughs.

**PANZER-EINHEITEN (Beute)
Tank Units (Captured Equipment)**

 <p>12. Tank Company for Special Use</p>	   
 <p>Heavy Tank Company (Flame)</p>	
 <p>Light Tank Company (Security)</p>	
 <p>Medium Tank Company (Russian equipment)</p>	

KSStN 1107c 1.02.1941	Headquarters, Tank Battalion (captured equipment) Bn Hqs: 2 mcl; 2 mcl w/sc; 1 car (light); 3 cars (medium-cc). Bn Admin Sect: 1 mcl; 1 car (light); 2 cars (medium-cc); 1 truck (light).
KSStN 1150c 1.02.1941	Headquarters Company, Tank Battalion (captured equipment) Co Hqs: 3 mcl; 1 car (medium-cc); 1 truck (light-cc). Lt Tank Plt: 1 mcl w/sc; 4 Pz-H38(f); 1 Pz-S35(f). Signal Plt: Hqs Sect: 1 mcl; 1 car (medium-cc); 1 car (medium-cc/telephone). 2 Armd Radio Sect: 1 Bef-Pz-S35(f) 1 Armd Radio Sect: 1 Bef-Pz-H38(f) 2 Lt Radio Sect e: 1 van (medium-cc, equipped as Kfz.17). Scout Plt: Hqs Sect: 3 mcl; 1 car (1). 4 Sect: 1 mcl; 2 mcl w/sc; 1 LMG. Engr Plt: Hqs Sect: 1 mc; 1 car (medium-cc). 3 Sect: 1 truck (medium-cc); 1 Engineer Section w/ 1 LMG. AAPlt: Hqs Sect: 1 mcl. 4 Sect: 1 AA car (4 w/ dual MG). Co Maint Sect: 1 mcl w/sc; 1 car (light-cc, equipped as Kfz. 2/40); 1 truck (medium-cc). Bn Trains: 1 mcl w/sc; 3 cars (light-cc); 11 trucks (medium-cc); 1 ambulance (light truck-cc); 1 armored halftrack ambulance.
KSStN 1185 1.06.1942	Motorized Tank Maintenance Platoon Plt Hqs: 1 mcl w/sc; 1 car (light-cc). Workshop Det: 9 trucks (medium-cc); 1 van (medium-cc, equipped as Kfz. 79); 1 bus (medium/22 seats); 1 trailer (tool); 1 trailer (welding); 2 LMG. Signal Maint Sect: 1 truck (light); 2 vans (medium-cc, equipped as Kfz. 42); 1 trailer (generator). Recovery Det: 1 mcl w/sc; 1 car (1); 4 halftrack; 1 halftrack w/ 6-ton crane; 1 trailer (10-ton/light tank); 1 trailer (22-ton/medium tank). Armorer Sect: 1 mcl w/sc; 1 car (medium-cc); 2 trucks (medium). Plt Trains: 1 mcl w/sc; 1 car (light); 3 trucks (medium).
KSStN 1171c 1.04.1941	Light Tank Company (captured equipment) Co Hqs: 2 mcl; 1 mcl/sc; 1 car (medium-cc); 2 Pz-S35(f); 2 trucks (light-cc). 3 Tank Plt: 4 Pz-H38(f); 1 Pz-S35(f). Maint Sect: 4 mcl w/sc; 1 car (light-cc, equipped as Kfz. 2/40); 1 truck (medium-cc); 2 halftracks. Co Trains: 1 mcl w/sc; 1 car (light); 1 car (medium-cc); 1 truck (medium); 10 trucks (medium-cc).
KSStN 1175c * 1.04.1941	Heavy Tank Company (captured equipment) Co Hqs: 2 mcl; 1 mcl/sc; 1 car (medium-cc). 3 Plt: 4 Pz-B2(f). Maint Sect: 4 mcl w/sc; 1 car (light-cc, equipped as Kfz. 2/40); 1 truck (medium-cc); 2 halftracks. Co Trains: 1 mcl w/sc; 1 car (light); 1 car (medium-cc); 1 truck (medium); 10 trucks (medium-cc).
KSStN 1171d 17.04.1942	12th Light Tank Company for Special Purposes Co Hqs: 2 mcl; 1 car (medium-cc). 9 Tank Plt: 5 Pz-H38(f). 5 Tank Plt: 5 Pz-R17(f) or Pz-R18(f). Reserve Det: 10 Pz-H38(f); 5 Pz-R17(f) or Pz-R18(f). Maint Sect: 4 mcl w/sc; 1 car (light-cc, equipped as Kfz. 2/40); 1 truck (medium-cc); 2 halftracks. Co Trains: 1 mcl w/sc; 1 car (light); 1 car (medium-cc); 1 truck (medium); 10 trucks (medium-cc).
KSStN 1171a 5.01.1943	Light Tank Company (Security) Co Hqs: 1 mcl/sc; 1 car (light); 1 Pz-I (101). 3 Tank Plt: 5 Pz-I (101); 1 Pz-III (141 w/ 37mm gun); 1 truck (light).

NOTES:

The following table shows the composition of all GHQ Panzer units equipped with captured and obsolete tanks on 7.04.1943:

202. Pz. Abt.	[2 lt. & 1 med. Co, French tanks]
211. Pz. Abt.	[2 lt. Co, French tanks]
212. Pz. Abt.	[1 lt. Co, Pz-R17/18(f) + 1 lt. Co (Security), German tanks]
213. s. Pz. Abt.	[No Hqs Co; 2 Hvy. Co, French B1bis flame tanks]
1./223. Pz. Abt.	[hvy. Co, French Char B1bis tanks]
2./66. Pz. Abt.	[mixed Co, German and Russian tanks]
12. Pz. Kp. z.b.V.	[see KSStN 1171d above]
40. Pz. S'ich. Kp.	[lt. Co (Security), German tanks]

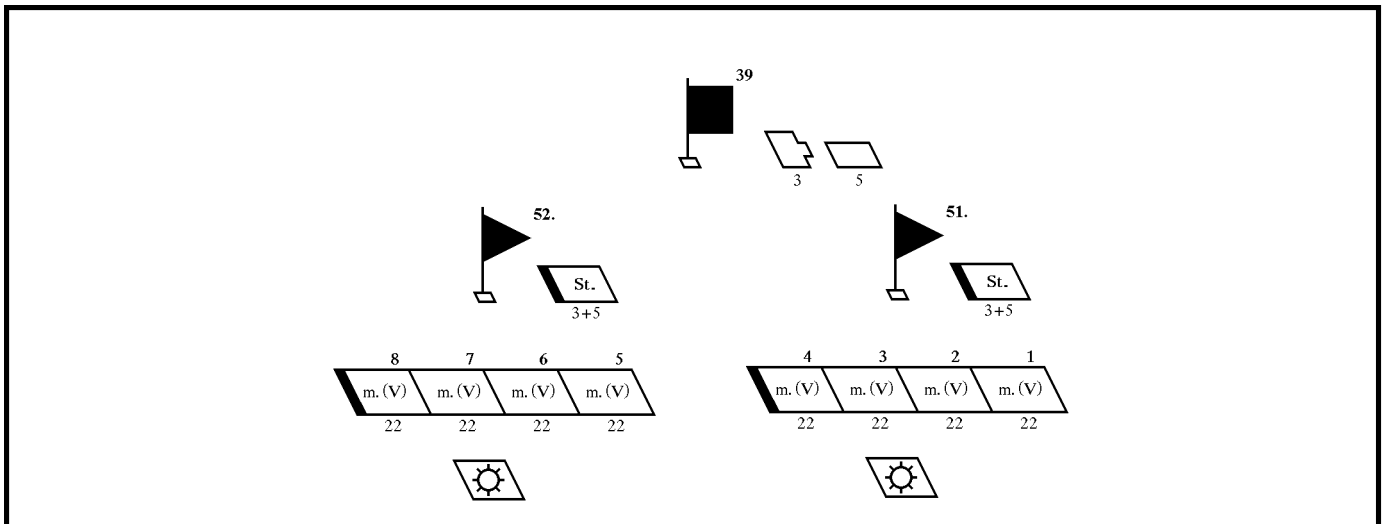
Possibly this organization applied in part to those Panzer units being refitted in France at this time, which were also equipped with French equipment.

Only the 202., 211., and 212. Panzer-Abteilung had Motorized Tank Maintenance Platoons.

The cars and vehicles with a general weight classification are captured vehicles. The suffix "cc" indicates a cross-country vehicle. The armored vehicles are:

Pz-S35(f)	is a slightly modified French Somua Char 1935-S.
Bef-Pz-S35(f)	is the same vehicle converted to a command tank.
Pz-H38(f)	is a slightly modified French Hotchkiss Char 1938-H.
Bef-Pz-H38(f)	is the same vehicle converted to a command tank.
Pz-H35(f)	is a slightly modified French Hotchkiss Char 1935-H.
Pz-B2 Flamm(f)	is a French Char B1bis converted to a flame-thrower.
Pz-R17(f)	is a French Renault FT17 with a Renault (riveted) turret.
Pz-R18(f)	is a French Renault FT17 with a Berliet (cast) turret.

**PANZER-REGIMENT (Panther)
Medium Tank Regiment (Panther)**



KStN 1103 *
17.06.1943

Headquarters, Tank Regiment

Rgt Hqs: 4 mcl; 2mcl w/sc; 2 cars (15); 1 car (21).
 Tank Plt: 5 Pz-V (171).
 Signal Plt: 1 mcl w/sc; 1 car (15); 3 Bef-Pz V (171 as command tanks).
 Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (3-ton).
 Rgt Trains: 2 mcl; 1 car (1); 2 trucks (light); 2 trucks (2-ton); 5 trucks (3-ton); 1 bus (medium/30 seats).

KStN 1107
1.04.1943

Headquarters, Tank Battalion

Bn Hqs: 2 mcl; 3 VW (1); 3 cars (15); 1 truck (2-ton).

KStN 1150a
1.06.1943

Headquarters Company, Tank Battalion (Panther)

Co Hqs: 2 mcl; 1 car (15).
 Tank Plt: 5 Pz-V (171).
 Signal Plt: 1 mcl; 1 car (15); 3 Bef-Pz-V (171 as command tanks).
 Scout Plt: Hqs Sect: 3 mcl; 1 VW (1).
 3 Sect: 1 mcl; 2 VW (1); 2 LMG.
 Engineer Plt: Hqs Sect: 1 mcl; 1 Schwimm-VW (1/20).
 3 Engineer Sect: 1 Kettenkrad (2); 1 Maultier (3); 1 SPW (251/7); 1 Engineer Section w/ 1 LMG.
 Anti-Aircraft Plt: Hqs Sect: 1 mcl; 1 VW (1).
 3 AA Sect: 1 halftracks (7/1 with quad 20mm Flak); 1 1 Maultier (3); 1 LMG.
 Maint Det: Maint Sect: 1 mcl; 2 VW (1); 1 Maultier (3); 2 trucks (3-ton); 2 trucks (4.5-ton);
 1 motor crane (100-3-ton); 1 halftrack crane (9/1-6-ton); 1 halftrack (10); 1 trailer (welding).
 Recovery Sect: 1 VW (1); 3 halftracks (9); 2 Berge-Panther.
 Spare Parts Sect: 1 VW (1); 1 truck (3-ton); 1 truck (4.5-ton).
 Armorer Sect: 1 VW (1); 1 truck (3-ton); 1 trailer (generator).
 Medic Sect: 1 VW (1); 1 truck (3-ton); 1 ambulance (31); 2 armored ambulance (251/8).
 Co Trains: 2 cars (1); 2 trucks (3-ton); 3 trucks (4.5-ton); 1 LMG.
 Bn Trains: 1 mcl; 3 cars (1); 1 van (2-ton); 2 trucks (3-ton); 35 trucks (4.5-ton); 1 LMG.

KStN 1185a
10.01.1943

Motorized Tank Maintenance Platoon, Tank Battalion (Panther)

Plt Hqs: 1 mcl; 1 car (light-cc).
 Workshop Plt: 11 trucks (4.5-ton-cc); 2 vans (4.5-ton); 1 motor crane (100-3-ton); 1 halftrack crane (9/1-6-ton);
 1 bus (medium/33 seats); 1 trailer (generator); 1 trailer (welding); 1 trailer (crane-15-ton); 1 trailer (3-ton); 2 LMG.
 Spare Parts Sect: 1 car (light-cc); 3 trucks (4.5-ton-cc).
 Recovery Sect: 2 car (light-cc); 5 halftracks (9); 1 halftrack crane (9/1-6-ton).
 Armorer Sect: 1 car (light-cc); 1 truck (4.5-ton-cc); 1 trailer (3-ton).
 Signal Maint Sect: 2 vans (42); 1 trailer (2-ton); 1 trailer (generator).
 Co Trains: 1 car (light-cc); 1 car (medium-cc w/ equipment for 1 Lt Radio Sect I2); 2 trucks (3-ton-cc); 2 trucks (4.5-ton-cc).

KStN 1177
25.01.1943

Medium Tank Company (Panther)

Co Hqs: 4 mcl; 1 car (15); 2 Pz-V (171).
 4 Tank Plt: 5 Pz-V (171).
 Maint Sect: 3 VW (1); 1 car (2/40); 1 truck (3-ton); 1 truck (4.5-ton); 2 halftracks (10).
 Co Trains: 3 VW (1); 2 trucks (medium); 2 trucks (3-ton); 4 trucks (4.5-ton).

NOTES:

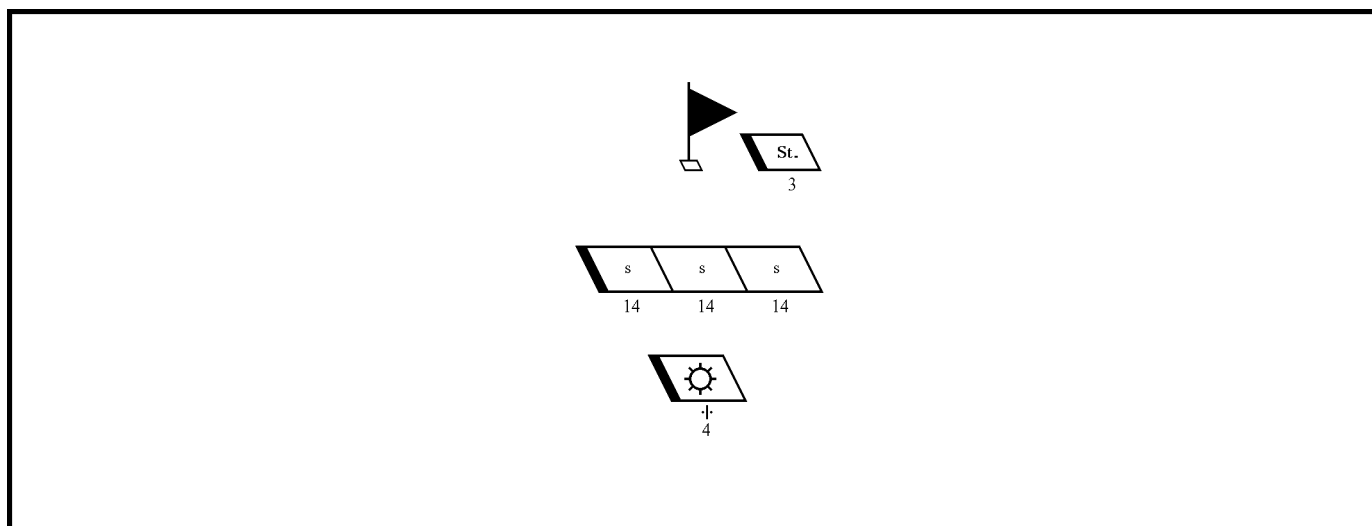
The Stab, 39. Panzer Regiment, was detached from the 17. Panzer-Division (which had only one tank battalion at the time anyway), and put in command of the 51. and 52. Panzer-Abteilung for administrative purposes. These two Panther battalions being the first battalions to be equipped with the new tanks.

The Panther was the German answer to the Russian T-34. It was to become what was probably the best medium tank in World War II. But on 1.06.1943, after only five months in production, only 63 of the 265 tanks produced had been accepted by the Army. The rest of the 141 tanks for the Panther Brigade were all accepted during June. But the rush to complete them very quickly

became apparent. The Panthers had yet not to be tried in combat, and were to experience many problems during the battle of Kursk. By the evening of 5 July 1943, after a single day's combat, only 40 Panthers were left. Besides the fact that the Brigade was sent through a minefield, losses occurred because of engine fires and engine failure.

The Germans were converting further tank battalions to Panthers in the West for the Panzer divisions. It was planned to equip the tank regiments of all the Panzer divisions with at least one Panther battalion each. Production bottlenecks prevented this concept from being achieved.

SCHWERE PANZER-ABTEILUNG (Tiger)
Heavy Tank Battalion (Tiger)



KStN 1107 Headquarters, Heavy Tank Battalion (Tiger)

1.04.1943 Bn Hqs: 2 mcl; 3 VW (1); 3 cars (15); 1 truck (2-ton).

KStN 1150e Headquarters Company, Heavy Tank Battalion (Tiger)

5.03.1943

Co Hqs: 2 mcl; 1 car (15).

ReconPlt: Hqs Sect: 1 SPW (251/5).

3 Recon Sect: 1 SPW (250/1); 1 SPW (250/5).

SignalPlt: 1 mcl; 1 car (15); 1 Pz-VI (181); 2 Bef-Pz VI (181 as command tanks).

ScoutPlt: Hqs Sect: 3 mcl; 1 VW (1).

3 Scout Sect: 2 VW (1); 2 LMG.

EngrPlt: Hqs Sect: 1 mcl; 1 VW (1/20).

3 Engr Sect: 1 KK (2); 1 Maultier (3); 1 SPW (251/7); 1 Engineer Section w/ 1 LMG.

AAPlt: Hqs Sect: 1 mcl; 1 VW (1); 1 LMG.

3 AA Sect: 1 halftrack (7/1 w/ 20 quad Flak 38); 1 Maultier (3).

Co Trains: 3 VW (1); 3 trucks (3-ton); 5 trucks (4.5-ton); 1 LMG.

Medic Sect: 1 mcl w/sc; 1 truck (4.5-ton); 1 ambulance (31).

Bn Maint Det: 3 VW (1); 1 car (2/40); 1 truck (3-ton); 5 trucks (4.5-ton); 1 motor crane (100 – 3-ton);

1 halftrack crane (9/1 – 6-ton); 1 halftrack (10); 3 halftracks (9); 1 trailer (tool); 1 trailer (generator).

Bn Admin Det: 1 mcl; 3 VW (1); 1 truck (3-ton); 30 trucks (4.5-ton).

KStN 1176e Heavy Tank Company (Tiger)

5.03.1943

Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (15); 2 Pz-VI (181).

3 Plt: 4 Pz-VI (181).

Co Maint Sect: 3 VW (1); 1 car (2/40); 1 truck (3-ton); 1 truck (4.5-ton); 1 halftrack (10).

Co Trains: 1 mcl w/sc; 2 VW (1); 2 trucks (3-ton); 6 trucks (4.5-ton); 1 LMG.

KStN 1176 Heavy Tank Company (Tiger)

15.12.1942

Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (15); 2 Pz-III (141/2); 1 Pz-VI (181).

4 Plt: 2 Pz-III (141/2); 2 Pz-VI (181).

Co Maint Det: 4 VW (1); 1 car (2/40); 1 motor crane (100 – 3-ton);

2 trucks (4.5-ton); 1 halftrack (10).

Co Trains: 1 mcl w/sc; 2 VW (1); 3 trucks (3-ton); 8 trucks (4.5-ton); 1 LMG.

KStN 1187b Motorized Maintenance Company, Heavy Tank Battalion (Tiger)

25.04.1942

Co Hqs: 2 mcl; 3 VW (1); 1 truck (4.5-ton).

2 Maint Plt: 11 trucks (4.5-ton); 2 vans (4.5-ton); 1 halftrack crane (9/1 – 6-ton); 1 bus (medium/22 seats);

1 trailer (generator Type A for 15k AC); 1 trailer (arc welding); 1 trailer (two axle – 3-ton); 2 LMG.

1 Recovery Plt: 3 VW (1); 1 motor crane (4.5-ton – 3-ton); 1 halftrack crane (9/1 – 6-ton); 10 halftracks (9).

Armorer Det: 1 VW (1); 1 car (15); 2 trucks (4.5-ton).

Signal Maint Sect: 1 truck (2-ton); 1 signal maintenance van (42); 1 battery van (42); 1 trailer (generator for recharging batteries - *Sd.Ah.* 23).

Co Trains: 2 VW (1); 1 car (15); 1 AA car (4 w/ dual MG); 2 trucks (medium); 3 trucks (4.5-ton).

NOTES:

The first three heavy tank battalions were formed in May 1942. By late June 1943, two battalions had been lost in Tunisia (501. and 504.), and a further two had been raised: 505. and 506.

German tank doctrine stressed that armored formations should be concentrated in one area. The experience gained during the Russian campaign had demonstrated the need for heavier armored and gunned tanks. The GHQ Troops heavy tank battalions were attached to Panzer regiments which were engaged in particularly critical operations. Occasionally, the heavier tanks led the armored attacks, but more often they followed the medium tanks. The heavier tanks provided the supporting fire with their long-range guns. The role of the more powerful tanks was gradually transformed from that of heavily armed assault vehicles leading the breakthrough to that of heavy gun tanks supporting the medium (and more a manoeuvrable) tanks with their heavier and longer range firepower.

The changing role of the Tiger tanks was reflected in that the heavy tank was no longer considered primarily as a breakthrough unit, but rather became a strong antitank force with aggressive character. The Tiger I's were no longer supposed

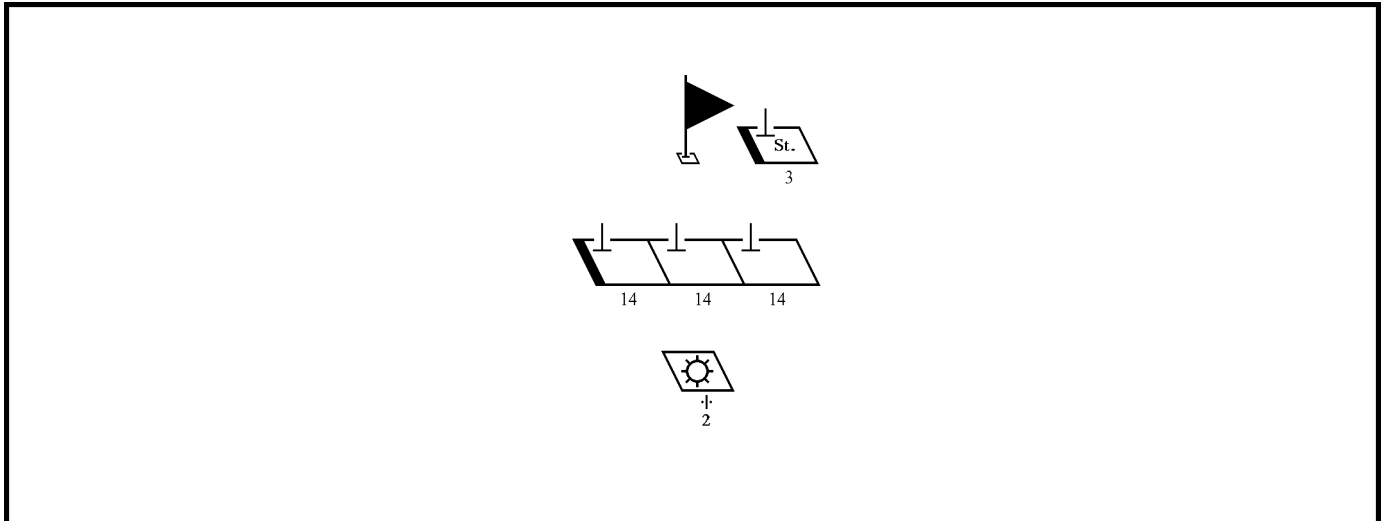
to operate independently, but in conjunction with the Panzer divisions' medium tanks to build main points of effort. Indeed this viewpoint prevailed to such an extent in late 1942 and into early 1943, that all Tiger battalions were assigned permanently to various Panzer regiments as IIIrd battalions. By July 1943, the Tiger battalions were once more completely independent GHQ troops.

[Besides the GHQ battalions equipped with Tiger tanks, by July 1943 the Germans also had also raised the 13./Gross-Deutschland Panzer-Regiment, the 13./Leibstandarte SS-Adolf Hitler Panzer-Regiment, the 13./SS-Das Reich Panzer-Regiment, and the 13./SS-Totenkopf Panzer Regiment. All four companies were later expanded to battalion size.]

Tank strengths on 30.06.1943				
1./502 ¹	05.03.43 KStN	14 Pz-VI	3 Pz-III(lg)	1 Pz-III(75)
503	05.03.43 KStN	45 Pz-VI		
505	15.12.42 KStN	31 Pz-VI	8 Pz-III(kz)	7 Pz-III(lg)

¹ The rest of the battalion was still enroute from France

STURMPANZER-ABTEILUNG Assault Tank Battalion

**KStN 1107**

1.04.1943

Headquarters, Sturm-Panzer Battalion

Bn Hqs: 2 mcl; 3 VW (1); 3 cars (15); 1 truck (2-ton).

KStN 1156

5.05.1943

Headquarters Company, Sturm-Panzer Battalion

Co Hqs: 2 mcl; 1 VW 81; 1 car (15).

Signal Plt: Hqs Sect: 1 mcl; 1 car (15); 3 Bef-Pz-III (141 as command tanks).

Scout Plt: Hqs Sect: 3 mcl; 1 VW (1/20); 2 Maultier (3); 2 trucks (4.5-ton).

3 Scout Sect: 1 mcl; 2 VW (1); 2 LMG.

Engr Plt: Hqs Sect: 1 mcl; 1 VW (1).

3 Engr Sect: 1 Engineer Section w/ 1 LMG; ride in Headquarters Section Maultiers.

Maint Sect: 1 VW (1); 1 VW (2/40); 1 truck (medium); 1 truck (heavy).

Co Trains: 1 car (light); 2 VW (1); 4 trucks (3-ton); 2 trucks (4.5-ton); 1 ambulance (31); 1 SPW (251/8); 2 LMG.

Bn Trains: 2 mcl; 2 cars (light); 1 VW (1); 1 car (15); 5 trucks (3-ton); 11 Maultier (3); 12 trucks (heavy); 2 LMG.

KStN 1160

5.05.1943

Sturm-Panzer Company

Co Hqs: 4 mcl; 1 car (15), 2 Sturm-Panzer (166).

3 Sturm-Panzer Plt: 2 Maultier (3); 4 Sturm-Panzer (166).

Co Maint Sect: 1 VW (1); 1 VW (2/40); 2 trucks (medium); 1 halftrack (10).

Co Trains: 1 car (light); 2 VW (2); 4 trucks (3-ton); 5 trucks (4.5-ton); 1 LMG.

KStN 1185(A)

1.06.1942

Motorized Tank Maintenance Platoon

Plt Hqs: 1 mcl w/sc; 1 car (1).

Workshop Det: 9 trucks (3-ton); 1 van (79); 1 bus (medium/22 seats); 1 trailer (tool); 1 trailer (welding); 2 LMG.

Signal Maint Sect: 1 truck (light); 2 vans (42); 1 trailer (generator).

Recovery Det: 1 mcl w/sc; 1 car (1); 1 halftrack (7); 3 halftracks (9); 1 halftrack crane (9/1 – 6-ton);

1 trailer (10-ton/light tank); 1 trailer (22-ton/medium tank).

Armorer Sect: 1 mcl w/sc; 1 car (15); 2 trucks (medium).

Plt Trains: 1 mcl w/sc; 1 car (light); 3 trucks (medium).

NOTES:

German tactical doctrine emphasized the use of assault guns and heavy infantry guns as the decisive weapon to be employed at the point of main effort of the attack. These guns (Sturmgeschütz and schwere Infanteriegeschütz), by dint of historical development, belonged to the Artillery Inspectorate. It was thought that the self-propelled assault guns (either the 75mm Sturmgeschütz, the 105mm Sturmhaubitze, or the open-topped 150mm heavy Infantry Gun vehicles), did not meet the requirements for street fighting. The "Brummbär" (Sd.Kf. 166) was conceived in late 1942. It was a fully armored, fully enclosed, self-propelled heavy infantry gun. It was based on the mechanical components of the proven Pz-IV. Its first mission was to have been in Stalingrad.

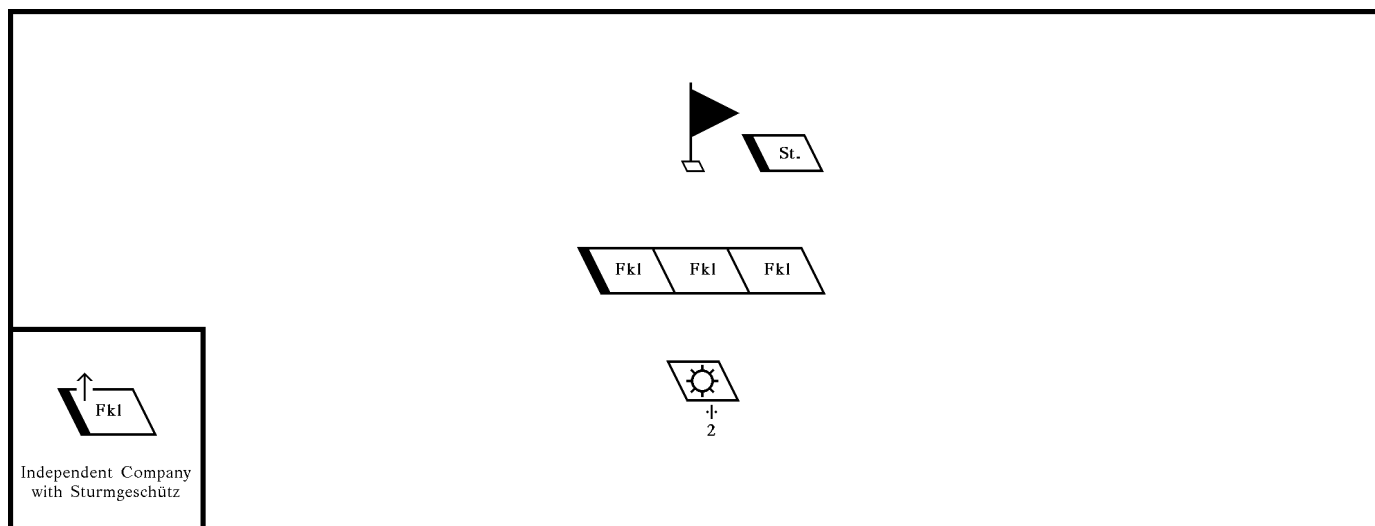
Hitler decided that the new weapon was to be trained and used by Guderians's new Panzertruppen Inspectorate. Hitler ordered that these new vehicles be designated as assault tanks (Sturmpanzer), so as to differentiate them from the self-propelled heavy infantry guns, Sturmgeschütz, and Sturmhaubitze, as well as to indicate that they were Panzertruppen and not Artillery Inspectorate weapons.

The first series of the Brummbär was produced in 1943 (April: 20, May: 32, June: 8). The big advantage over the heavy self-propelled infantry guns was their armored superstructure, with all round protection. In actual fact, they were the same as the original heavy infantry guns, and used as such. The Brummbär was also equipped with a newly-developed, high-explosive, anti-personnel shell.

They were not very effective antitank weapons, but used in combination with, for example, the Ferdinand heavy self-propelled antitank guns, it could reap a devastating harvest amongst enemy infantry especially when they fired the heavy high-explosive shell.

The first 45 Brummbär were issued to the 216. Sturmpanzer-Abteilung in June 1943. This unit was then rushed to the East Front just in time to participate in the Battle of Kursk, where it was assigned to the 656. Panzer-jäger Regiment. The Brummbär soon proved very successful for other purposes besides escorting Ferdinands, such as combating bunkers and other obstacles in the field.

**PANZER-ABTEILUNG (Funklenk)
Tank Battalion (Radio Controlled)**



KStN 1107f
1.02.1943

Headquarters, Radio Controlled Tank Battalion

Bn Hqs: 1 mcl w/sc; 2 mcl; 1 car (light); 3 VW (1); 3 cars (15); 1 truck (light).

KStN 1150f
1.02.1943

Headquarters Company, Radio Controlled Tank Battalion

Co Hqs: 2 mcl; 1 car (15).

1st Signal Det: 1 mcl; 1 car (15); 2 Bef-Pz-III (141 as command tanks).

2nd Signal Det: Hqs Sect: 2 mcl; 1 mcl w/sc; 1 car (1).

5 Light Radio Sect e: 1 van (17).

Scout Plt: Hqs Sect: 3 mcl; 1 VW (1).

3 Scout Sect: 1 mcl; 2 mcl w/sc; 1 LMG.

Engr Plt: Hqs Sect: 1 mcl; 1 VW (1); 2 trucks (3-ton).

3 Engr Sect: 1 Engineer Section w/ 1 LMG. Ride in Headquarters Section trucks.

Co Maint Sect: 1 mcl w/sc; 2 trucks (3-ton); 1 halftrack (10).

Bn Trains: 1 mcl w/sc; 1 car (light); 1 VW (1); 1 AA car (4 w/ dual MG). 2 trucks (2-ton); 4 trucks (3-ton).

Medic Sect: 1 mcl w/sc; 1 truck (3-ton); 1 ambulance (31); 1 SPW (251/8).

Bn Admin Det: 1 mcl; 1 mcl w/sc; 1 car (light); 1 VW (1); 1 car (15); 12 trucks (3-ton).

KStN 1171f
1.01.1943

Radio Controlled Tank Company

Co Hqs: 2 mcl; 2 mcl w/sc; 1 car (15); 2 Pz-III (141).

2 Tank Plt: Hqs Sect: 1 mcl w/sc; 1 VW (1); 1 Pz-III (141).

3 Tank Sect: 1 halftrack (11); 1 Pz-III (141); 4 B-IVs (301).

Plt Trains: 1 truck (3-ton).

Reserve Equipment Sect: 1 mcl w/sc; 1 truck (3-ton); 12 B-IVs (301).

Co Maint Sect: 2 mcl w/sc; 1 car (2/40); 1 truck (3-ton); 1 van (3-ton); 1 trailer (generator); 1 halftrack (10).

Co Trains: 1 mcl w/sc; 1 VW (1); 6 trucks (3-ton).

KStN 1185f
1.04.1943

Motorized Maintenance Platoon, Radio Controlled Tank Battalion

Plt Hqs: 1 mcl w/sc; 2 VW (1).

Maint Det: 6 trucks (3-ton); 2 trucks (4.5-ton); 2 vans (4.5-ton); 1 bus (medium/33 seats); 1 trailer (tool); 1 trailer (welding); 2 LMG.

Signal Maint Sect: 1 truck (3-ton); 1 van (3-ton); 1 van (42); 1 trailer (generator).

Recovery Det: 1 mcl w/sc; 1 VW (1); 1 motor crane (100 – 3-ton); 3 halftracks (7); 1 halftrack (9); 1 trailer (22-ton/medium tank).

Armorer Det: 1 mcl w/sc; 1 car (15); 1 truck (3-ton); 1 van (3-ton).

Co Trains: 1 mcl w/sc; 1 car (light); 3 trucks (medium).

KStN 1171f
1.01.1943

Independent Radio Controlled Tank (Sturmgeschütz) Company

Co Hqs: 2 mcl; 2 mcl w/sc; 1 car (15); 1 Sturmgeschütz-III (142/1).

2 Tank Plt: Hqs Sect: 1 mcl w/sc; 1 VW (1); 1 Sturmgeschütz-III (142/1).

2 Tank Sect: 1 halftrack (11); 1 Sturmgeschütz-III (142/1); 4 B-IV (301).

Plt Trains: 1 truck (3-ton).

Reserve Equipment Sect: 1 mcl w/sc; 1 truck (3-ton); 12 B-IVs (301).

Co Maint Sect: 3 mcl w/sc; 1 car (2/40); 1 truck (3-ton); 1 van (3-ton); 1 trailer (generator); 1 halftrack (10); 1 halftrack (9).

Co Trains: 1 mcl w/sc; 1 VW (1); 12 trucks (3-ton).

NOTES:

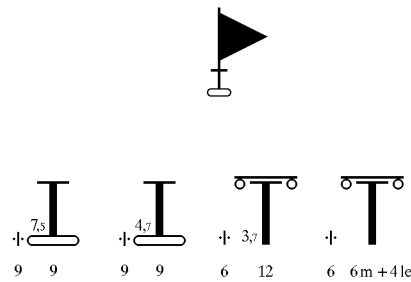
The schwere "Ladungsträger B-IV, Ausf. A (Sd.Kfz. 301)" was a fast, (31 km/h), lightly-armored, radio-controlled demolition delivery vehicle, moved operationally under its own power by the driver, and tactically by radio remote control.

The B-IV was designed to be driven on to or as near to the target as possible, which could be a bridge, a pillbox, a mine field, a fortification, or a selected strongpoint in the enemy's defenses. The driver then dismounted, retaining the control transmitter. The TNT demolition charge of 450–500 kilos was in a container which rested on the sloping front of the vehicle. Upon arriving at its destination, the demolition charge was dropped at or on the target either by remote control or by a trip mechanism which was operated when the vehicle was reversed. The B-IV itself was not considered expendable. After dropping off its charge the charge was detonated after the B-IV was withdrawn a safe distance. The B-IV could be used again, provided that it was not

destroyed by enemy fire. The range of the radio that controlled the B-IV was about 2000 meters under very good conditions. Practical range was found to be about 800 to 1000 meters.

The 301. Panzer-Abteilung (Funklenk), besides the B-IV's, on 30.06.43 had 7 Pz-III (long 50mm), 3 Pz-III (short 75mm); and 17 StuGesch-III. The B-IV was also issued to the independent 311. – 314. Panzerkompanie (Funklenk), (all raised on 9.01.1943), but these companies were equipped with Sturmgeschütz-III. The 312. (7 StuGesch-III with L/48 guns), 313. (with 7 StuGesch-III with L/43 guns), and the 314. Pz-Kp. (Fkl) (7 StuGesch-III with L/43 guns), were used for the first time at Kursk. The 311. Pz-Kp. was still working up, and did not arrive at the East Front until 4.08.1943. Two further StuGesch equipped companies were raised, namely the 315. and 316. Pz-Kompanie (Fkl) on 6.07.1943 and 4.08.1943, respectively.

PANZERJÄGER-ABTEILUNG (motorisiert/selbstfahrlafette)
Mechanized Antitank Battalion



Examples of the different types of companies found with the mechanized antitank battalions.

KSStN 1106
1.11.1941

Headquarters, Motorized Antitank Battalion

Bn Hqs: 2 mcl; 1 mcl w/sc; 1 car (12); 1 car (15); 1 car (21).
Signal Det: 1 Lt Tele Sect c: 2 mcl; 1 car (15).
4 Pack Radio Sect b: 1 car (2).
2 Lt Radio Sect b: 1 van (17).
Bn Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (medium); 1 truck (light); 2 trucks (3-ton).
Bn Trains: 1 mcl w/sc; 2 cars (light); 3 trucks (light); 1 truck (medium); 1 truck (3-ton); 1 ambulance (31).

KSStN 1142
1.11.1941

Motorized Antitank Company

Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (12).
lt ATG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (12).
Gun Sect: 5 trucks (69); 3 ATG (37mm – towed); 2 LMG.
m ATG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (12).
Gun Sect: 5 halftracks (10); 3 ATG (50mm – towed); 2 trailers (ammo); 2 LMG.

KSStN 1145
1.04.1943

hvy ATG Plt: Plt Hqs: 1 mcl w/sc; 1 car (1).
Gun Sect: 5 trucks (3-ton); 3 ATG (75mm – towed); 3 LMG.
Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 car (light); 1 truck (light); 3 trucks (2-ton); 1 truck (medium).

KSStN 1148
1.11.1941

Self-Propelled Antitank Company

Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (15); 1 Pz-I (101).
Engr Sect: 1 trucks (3-ton); 1 Engineer Section w/ 1 LMG.
3 ATG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 halftrack (10); 1 trailer (ammo); 1 LMG.
Gun Sect: 3 SP'd ATG (47mm on Pz-I or Pz-38(t) chassis).
Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 halftrack (10).
Co Trains: 1 mcl; 1 mcl w/sc; 1 car (light); 2 trucks (light); 2 trucks (2-ton); 5 trucks (3-ton); 2 trailers (ammo).

KSStN 1148a *)
1.02.1942

Self-Propelled Heavy Antitank Company

Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (15); 1 Pz-I (101).
2 – 3 ATG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 halftrack (10).
Ammo Sect: 2 armored ammo carriers (111); 2 trailers (ammo).
Gun Sect: 3 SP'd ATG (138 or 139); 3 LMG.
Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (3-ton); 1 halftrack (10); 1 halftrack (8); 1 trailer 10-ton – light tank).
Co Trains: 1 mcl; 1 mcl w/sc; 1 car (light); 1 truck (light); 3 trucks (2-ton); 6 trucks (3-ton).

KSStN 1146
1.11.1941

Self-Propelled Heavy Antitank Company

Co Hqs: 2 motorcycle; 1 motorcycle w/sc; 1 car (Kfz 15).
Signal Det: 1 Med Radio Sect b: 1 car (Kfz 15); 1 van (Kfz 76).
2 Pack Radio Sect b: 1 car (Kfz 2).
1 ATG Plt: Hqs Sect: 1 motorcycle; 3 motorcycles w/sc; 1 car (Kfz 15);
1 AA car (Kfz 4 w/ dual MG).
Ammo Sect: 1 truck (3-ton).
Gun Sect: 2 SP'd ATG (50mm on Pz-II (SdKfz 121)).
Maint Sect: 1 motorcycle w/sc; 1 car (Kfz 2/40); 1 truck (medium).
Co Trains: 1 motorcycle w/sc; 1 car (Kfz 15); 1 truck (2-ton); 4 trucks (3-ton);
4 trucks (3-ton-cc); 1 Pz-II chassis (SdKfz 121).

KSStN 458
1.11.1941

Antitank Platoon

Plt Hqs: 2 motorcycles; 1 motorcycle w/sc; 1 AA car (Kfz 4 w/ dual MG); 1 car (Kfz 15).
1 Lt Tele Sect c: 1 car (Kfz 15).
Gun Sect: 1 SP'd Gun (128mm on VK 3001 (H) chassis).
Ammo Sect: 2 trucks (3-ton-cc).
Maint Sect: 1 motorcycle w/sc; 1 car (Kfz 2/40).
Co Trains: 1 car (light); 1 truck (1½-ton); 2 trucks (3-ton).

Bn	1st Company	2nd Company	3rd Company
48	[mot] 4x 50; 8x 37	[mot] 4x 50; 8x 37	–
463	[mot] 12x 37; 2x 75	[mot] 12x 37; 2x 75	[mot] 12x 37; 2x 75
559	[SP'd/Pz-38(t)] 6x 76.2	[SP'd/Pz-38(t)] 6x 76.2	[SP'd] 2x 50; 4x 128
561	[mot] 4x 37; 6x 50	[mot] 4x 37; 6x 50	[mot] 4x 37; 6x 50
563	[mot] 12x 37	[mot] 12x 37	[mot] 12x 37
616	[SP'd/Pz-II] 9x 75	[SP'd/Pz-II] 9x 75	[SP'd/Pz-I] 9x 47

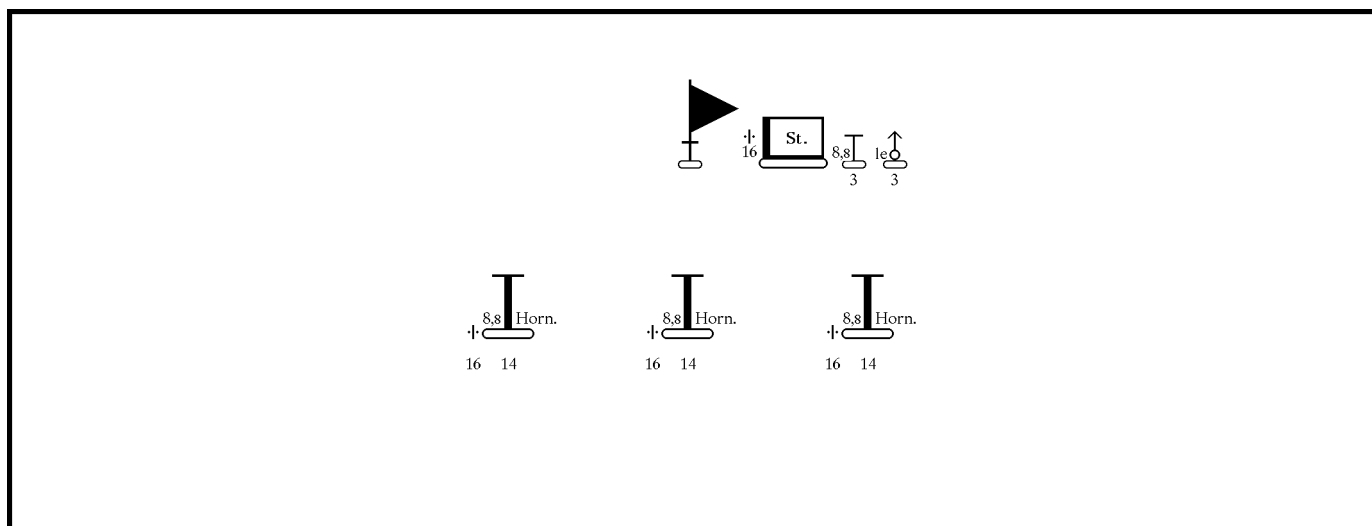
NOTES:

The headquarters of the self-propelled battalions were supposed to have a Pz-I (Sd.Kfz. 101) without turret as the command vehicle for the battalion commander. No strength report ever indicated this vehicle as being present.

Specifications of the antitank guns						
Designation:	3,7cm Pak	4,7cm Pak(t)	5cm Pak 38	7,62cm Pak 36(r)	7,5cm Pak 40	12,8cm Flak 40
Introduced in:	1937	1941	1941	1942	1942	1942
Caliber:	37mm	47mm	50mm	76.2mm	75mm	128mm
Barrel length:	L/45	L/43.4	L/60	L/51.5	L/46	L/61
Effective Range:	500 meters	1,000 meters	1,500 meters	2,000 meters	1,800 meters	4,000 meters
Ammo weight:	0.368 / 0.685 kilos	0.825 / 1.65 kilos	0.926 / 2.06 kilos	4.14 / 7.6 kilos	4.1 / 6.8 kilos	35.0 kilos
Unlimbered weight:	328 kilos	–	–	–	1,425 kilos	–
Limbered weight:	440 kilos	6,400 kilos (*)	10,500 kilos (*)	11,500 kilos (*)	1,500 kilos	35,000 kilos (*)
Traverse:	60° / 60°	17.5° / 17.5°	15° / 15°	25° / 25°	60° / 60°	7° / 7°
Elevation:	– 8° to + 25°	– 8° to + 25°	– 10° / + 20°	– 5° to + 16°	– 6° to + 22°	– 15° / + 10°
Rate of Fire:	15 rpm	15 rpm	12 rpm	10 rpm	12 – 15 rpm	8 – 10 rpm

*) Weight of gun including vehicle.

SCHWERER PANZERJÄGER-ABTEILUNG "Hornisse"
Self-Propelled Heavy Antitank Battalion (Hornisse)



KStN 1106b Headquarters, Self-Propelled Heavy Antitank Battalion "Hornisse"

30.03.1943

Bn Hqs: 2 mcl; 1 mcl w/sc; 3 VW (2); 2 cars (15).
 Bn Hqs Trains: 1 truck (1.5-ton).

KStN 1155b Headquarters Company, Self-Propelled Heavy Antitank Battalion "Hornisse"

1.06.1943

Co Hqs: 2 mcl; 1 car (15); 3 Hornisse SP'd ATG (164).
 Signal Plt: Hqs Sect: 2 mcl.
 1 Lt Tele Sect c: 1 car (15).
 4 Pack Radio Sect b: 1 car (2).
 2 Lt Radio Sect b: 1 van (1.5-ton).
 Engr Plt: Hqs Sect: 1 mcl; 1 VW (1).
 3 Engr Sect: 1 mcl; 1 truck (3-ton); 1 Engineer Section w/ 1 LMG.
 AAPlt: Hqs Sect: 3 mcl; 1 car (15); 1 LMG.
 3 AA Sect: 1 halftrack (7/1 with 20mm quad Flak); 1 halftrack (7/1 without gun for ammo).
 Co Trains: 1 VW (1); 1 truck (medium); 2 trucks (3-ton); 2 trucks (4.5-ton).
 Medical Sect: 1 mcl w/sc; 1 ambulance (31); 1 SPW (251/8).
 Bn Maint Det: Hqs Sect: 2 VW (1).
 Maint Sect: 1 car (2/40); 3 trucks (3-ton); 1 van (3-ton); 1 motor crane (100 – 3-ton); 1 halftrack (10); 1 trailer (tool).
 Recovery Sect: 1 VW (1); 3 halftracks (9).
 Spare Parts Sect: 1 car (light), 5 trucks (medium).
 Armorer Sect: 1 VW (1); 1 truck (medium); 1 trailer (generator).
 Bn Trains: 2 mcl; 2 car (light); 3 trucks (medium); 1 truck (3-ton); 10 trucks (heavy); 8 trucks (4.5-ton); 2 LMG.

KStN 1148b *) Self-Propelled Heavy Antitank Company "Hornisse"

1.04.1943

Co Hqs: 2 mcl; 1 mcl w/sc; 1 car (15); 2 Hornisse SP'd ATG (164); 2 LMG.
 3 SP'd ATG Plt: Hqs Sect: 1 mcl w/sc; 1 VW (1).
 Ammo Sect: 2 Maultier (3); 1 truck (3-ton).
 Gun Sect: 4 Hornisse SP'd ATG (164); 4 LMG.
 Maint Sect: 1 car (2/40); 2 trucks (3-ton); 1 halftrack (10); 1 LMG.
 Co Trains: 1 mcl w/sc; 1 VW (1); 1 truck (2-ton); 3 trucks (3-ton); 4 trucks (4.5-ton); 1 LMG.

NOTES:

There were three heavy self-propelled antitank battalions equipped with the Hornisse on 4.07.1943:

525. s.PzJg-Abt. (sfl) 15. Armeekorps / Heeresgruppe D
 560. s.PzJg-Abt. (sfl) XXXXII. Armeekorps / Armeekorps Kempf
 655. s.PzJg-Abt. (sfl) 2. Armeekorps / Heeresgruppe Mitte

The Panzerjäger "Hornisse" (Sd.Kfz. 164) was an interim solution to provide mobility for the newly-developed and much-needed 88mm antitank gun. The vehicle was based on the tried and proven Pz-IV chassis, with drive train components of the equally well-tried Pz-III. The armor was thin, and could provide protection only against small arms fire and shell splinters. As such, it could be used most effectively in a defensive, long-range role.

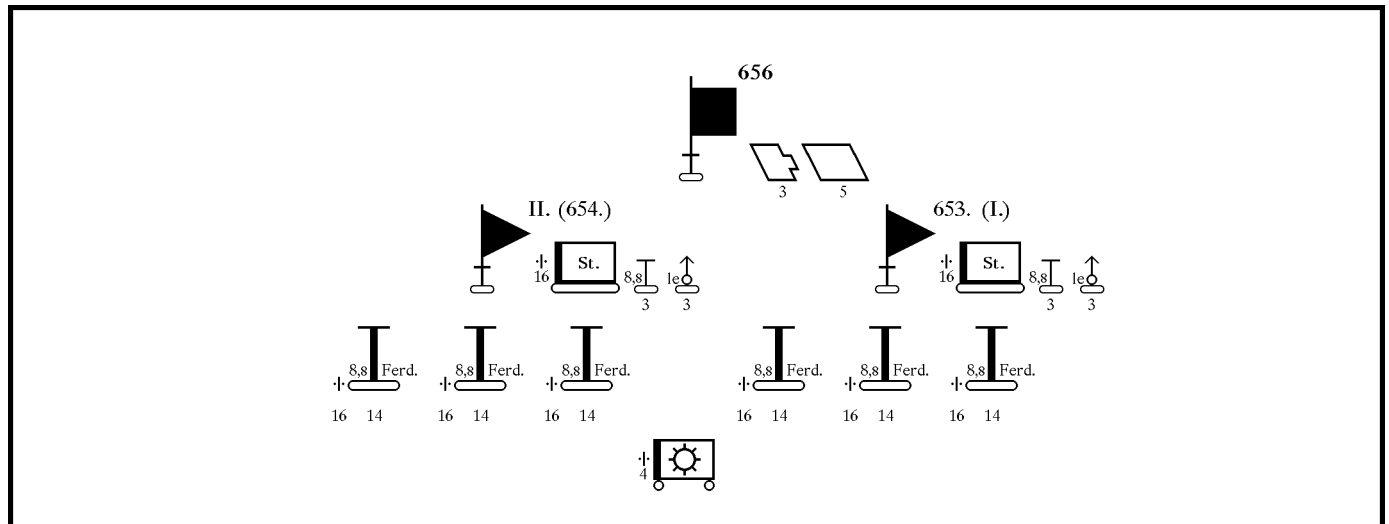
Companies and battalions were to open fire en-masse, and were not to be split up into units smaller than platoons. Although single antitank guns were sometimes employed at ranges up to 2000 meters, the main antitank defenses usually held their fire until the range was reduced to approximately 300 – 500 meters. Employment

of close combat teams supplemented the antitank defenses. When hostile tanks were repulsed, the Hornisse were quickly moved to alternate positions. They were usually held in reserve, and not emplaced within the main line of resistance.

Specifications of the self-propelled heavy Antitank Gun

Designation:	8,8cm Pak 43/41 auf Fahrgestell Panzer III / IV (Sfl) (Sd.Kfz. 164) – Hornisse
Manufactured by:	Deutsche Eisenwerke
Introduced in:	1943
Caliber:	88mm
Barrel length:	L/71
Range:	2,500 meters
Shell weight:	7.3 kilos
Vehicle weight:	24,000 kilos
Traverse:	30°
Elevation:	– 5° to + 20°
Rate of Fire:	6 – 10 rounds per minute
Road Speed:	42 km/h

656. PANZERJÄGER-REGIMENT "Tiger (P)"
656th Self-Propelled Antitank Regiment (Tiger (P))



KSStN 1102
28.05.1943

Headquarters, Self-Propelled Antitank Regiment "Tiger (P)"

Rgt Hqs: 2 mcl w/sc; 4 mcl; 3 VW (1); 1 car (medium); 1 car (15).
 Signal Plt: 1 mcl; 1 VW (1); 1 car (15); 3 Pz-Bef-III (141 as command tank).
 Maint Sect: 1 car (1); 1 truck (2-ton); 1 truck (3-ton).
 Rgt Hqs Trains: 1 car (light); 1 VW (1); 2 trucks (2-ton); 1 truck (medium); 5 trucks (3-ton).

KSStN 1168
5.06.1943

Armored Reconnaissance Platoon, Self-Propelled Antitank Regiment "Tiger (P)"

Plt: 4 Maultier (3); 5 Pz-III (141).

KSStN 1187c
31.03.1943

Motorized Maintenance Company, Self-Propelled Antitank Regiment "Tiger (P)"

Co Hqs: 2 mcl; 2 VW (1); 1 car (15); 1 truck (4.5-ton).
 2 Maint Plt: 14 trucks (4.5-ton); 2 vans (4.5-ton); 1 halftrack crane (9/1 – 6-ton); 1 bus (medium/33 seats);
 1 trailer (cargo); 1 trailer (tool); 1 trailer (welding); 1 trailer (15-ton); 2 LMG.
 1 Recovery Plt: 3 VW (1); 1 motor crane (100 – 3-ton); 1 halftrack crane (9/1 – 6-ton); 15 halftracks (9).
 Armorer Det: 1 VW (1); 1 car (15); 1 truck (3-ton); 1 van (3-ton).
 Signal Maint Sect: 1 car (15); 2 vans (42); 1 trailer (generator).
 Co Trains: 2 VW (1); 2 trucks (3-ton); 3 trucks (4.5-ton).

KSStN 1106c
31.03.1943

Headquarters, Self-Propelled Antitank Battalion "Tiger (P)"

2 mcl; 1 mcl w/sc; 2 VW (2); 4 cars (15).
 Bn Hqs Trains: 1 truck (light).

KSStN 1155
31.03.1943

Headquarters Company, Self-Propelled Antitank Battalion "Tiger (P)"

Co Hqs: 2 mcl; 1 car (15).
 Command Det: 3 Ferdinand SP'd ATG (184); 3 LMG.
 1 Med Tele Sect b: 1 car (15); 1 van (76).
 Scout Plt: Hqs Sect: 3 mcl; 1 VW (1).
 3 Scout Sect: 2 VW; 2 LMG.
 Engr Plt: Hqs Sect: 1 mcl; 1 VW (1).
 3 Engr Sect: 1 mcl; 1 truck (3-ton); 1 Engineer Section w/ 1 LMG.
 AA Plt: Hqs Sect: 3 mcl; 1 car (15); 1 LMG.
 3 AA Sect: 1 halftrack (7/1 w/ 20mm quad Flak); 1 halftrack (7/1 w/o gun); 2 trailers (ammo).
 Bn Maint Det: 3 cars (1); 1 car (2/40); 1 van (3-ton); 1 truck (3-ton); 1 motor crane (100 – 3-ton);
 1 halftrack crane (9/1 – 6-ton); 6 halftracks (9); 3 trucks (heavy); 2 trucks (4.5-ton);
 1 halftrack (10); 1 trailer (tool); 1 trailer (generator); 1 LMG.
 Bn Trains: 2 mcl; 1 mcl w/sc; 2 cars (light); 4 cars (1); 6 trucks (3-ton); 15 trucks (heavy); 17 trucks (4.5-ton); 1 ambulance (31); 2 LMG.

KSStN 1148c
31.03.1943

Self-Propelled Heavy Antitank Company "Tiger (P)"

Co Hqs: 3 mcl; 1 mcl w/sc; 2 cars (15); 2 Ferdinand SP'd ATG (184); 2 LMG.
 3 SP'd ATG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 VW (1).
 Ammo Sect: 2 Maultier (3); 1 truck (3-ton).
 Gun Sect: 4 Ferdinand SP'd ATG (184); 4 LMG.
 Maint Sect: 3 VW (1); 1 car (2/40); 1 truck (3-ton); 1 truck (4.5-ton); 2 halftracks (10).
 Co Trains: 1 mcl; 1 mcl w/sc; 2 VW (1); 4 trucks (3-ton); 7 trucks (4.5-ton); 2 LMG.

NOTES:

The 653. Panzerjäger-Abteilung was raised on 31.03.1943. The 654. Panzerjäger-Abteilung started converting on 1.04.1943. These two antitank battalions were grouped under the 656. Panzerjäger-Regiment Headquarters, raised on 22.05.1943 to coordinate the two battalions. The 653. PzJg-Abt retained its designation. The 654. PzJg-Abt was redesignated as the II./656. Panzerjäger-Regiment.

The *Ferdinand* was a heavy, self-propelled antitank gun, equipped with a powerful long 88mm Pak 43 L/71. The German official designation was "Panzerjäger Tiger (P) für 8,8cm Pak 43/2 (Sd.Kfz. 184) – 'Ferdinand'". By 8.05.1943, 90 vehicles had been produced, of which 89 were accepted by the German Army in April and May 1943.

The enormous Ferdinand, (officially known as the Panzerjäger Tiger (P)), immediately attracted enemy fire the moment it appeared on the battlefield. This massive fire quickly separated the accompanying infantry from the vehicles, leaving them defenseless against enemy infantry, since the Ferdinand at this time carried only one LMG *within* the vehicle, which could only be used by the gunner if he exposed himself to enemy fire.

The Germans reported that 21 of 39 the vehicles lost at Kursk were due to suspension and drive train failure, not enemy action. Unfortunately, the Germans were forced to abandon the battlefield without being able to engage in large-scale recovery operations. Quick recovery of damaged Ferdinands was not possible, as the Ferdinands were far too heavy for conventional recovery vehicles. (At least three 18-ton halftracks (Sd.Kfz. 9) in tandem were needed to tow a Ferdinand; a completely immobilized vehicle required even more). Field repairs, such as the replacement of damaged tracks, required the emplacement of a heavy crane.

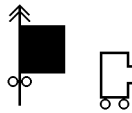
The Ferdinand was an enormously successful antitank weapon. Between 5.07. and 27.07.1943, the 656. Panzerjäger-Regiment knocked out 502 enemy tanks. This ratio of 28:1 (even taking into consideration those vehicles lost through mechanical failure), was a record for antitank units.

The 656. Panzerjäger Regiment was attached to the 292. Infantry Division, (which was to provide infantry support), on 4.07.1943, and was the only antitank regiment raised by the Germans during WWII.

Specifications of the self-propelled heavy Antitank Gun

Designation:	Panzerjäger Tiger (P) für 8,8cm Pak 43/2 (Sd.Kfz. 184) – Ferdinand
Manufactured by:	Nibelungenwerke
Introduced in:	1943
Caliber:	88mm
Barrel length:	L/71
Range:	2,500 meters
Shell weight:	7.3 kilos
Vehicle weight:	65,000 kilos
Traverse:	28°
Elevation:	– 8° to + 14°
Rate of Fire:	6 rounds per minute
Road Speed:	30 km/h

**STAB, PIONIER-REGIMENT (motorisiert)
Headquarters, Motorized Engineer Regiment**



KStN 701 *) Headquarters, Motorized Engineer Regiment
1.04.1943
Rgt Hqs: 2 mcl; 1 car (1); 3 cars (15).
2 Scout Sect: 6 mcl; 1 mcl w/sc.
Rgt Hqs Maint Sect: 1 mcl w/sc; 1 car (2/40).
Rgt Hqs Trains: 1 mcl w/sc; 3 trucks (medium).

KStN 783 *) Signal Platoon, Motorized Engineer Regiment
1.04.1943
Plt Hqs: 1 mcl w/sc; 1 car (15); 1 truck (light).
1 Hvy Tele Sect *a*: 1 car (15).
3 Pack Radio Sect *b*: 1 car (2).
3 Pack Radio Sect *b*: ride together in one truck (2-ton).
2 Lt Radio Sect *e*: 1 van (17).

NOTES:

A headquarters, engineer regiment was normally only attached to a command when there were four or more GHQ engineer units on hand. Engineer staff units were assigned to coordinate the GHQ engineers, and in many cases also the divisional combat engineers within a command.

Besides the motorized GHQ and divisional combat engineer battalions, there were numerous other non-motorized engineer units, such as construction battalions; road construction engineer battalions; specialized bridge construction engineer battalions; railway bridge engineer construction battalions. There were specialized platoons, columns, companies, and battalions for a variety of tasks and with a multitude of equipment, such as snow clearing; well drilling; combat bridge, heavy bridge, railway bridge transport; engineer machine and equipment transport; engineer assault boat; amphibious engineers; searchlight; fortification building, etc., etc. In addition, there were the various types of engineer equipment parks.

The types of engineer units gives an indication of the variety of types of missions that combat, construction, bridge, and railway engineers were expected to execute. The staffs of the headquarters, engineer regiment had to coordinate all the efforts of the

engineers with other GHQ units, such as labor, technical, transport, railway, supply, and other rear echelon services.

Besides being involved in the planning of offensive and defensive operations, they were also charged with improving and expanding the logistical capabilities of the rear areas, including bridges, railway construction and road construction. They also had to liaise with the signal troops and coordinate the efforts of both services.

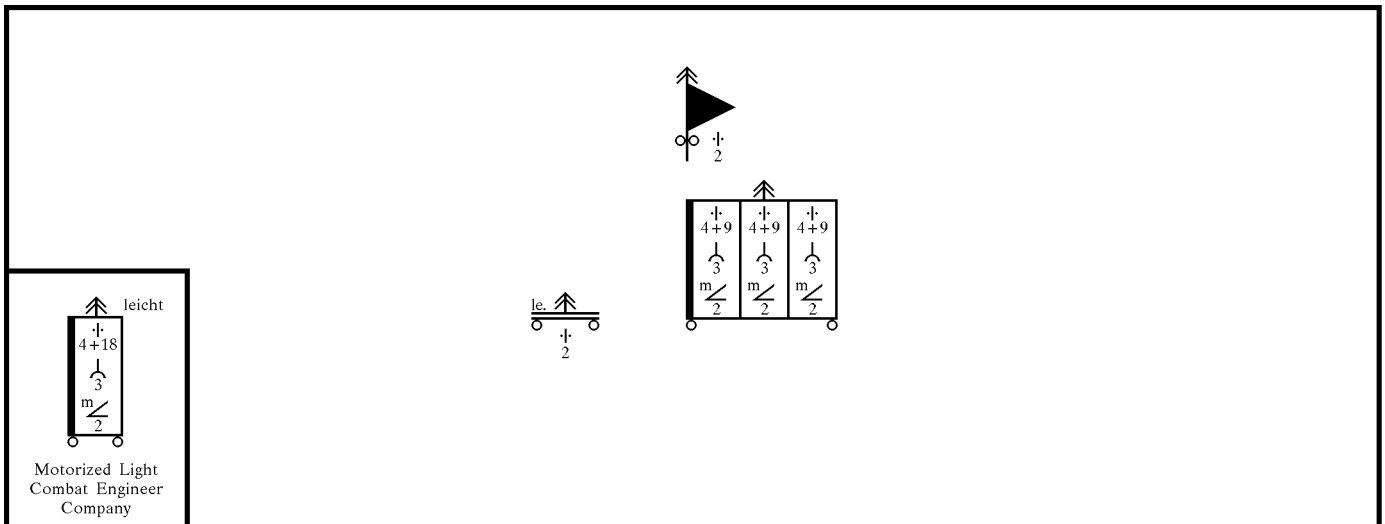
The staffs of these headquarters contained specialists whose main mission was that of coordination of effort, planning, and supervision. Although corps, armies, and army groups had their own engineer officers, the regimental commander (usually a lieutenant colonel or a colonel) was expected to report directly to and advise the commander of the headquarters to which his unit was assigned.

Not all headquarters, engineer regiment had signal platoons. The "z.b.v." (i.e., for special purposes / use) designation had no influence on either the organization or, apparently, the use of these headquarters. There were 44 of these headquarters units on 4.07.1943:

1. z.b.V.
4. z.b.V.
10. z.b.V.
16. z.b.V.
18. z.b.V.
23. z.b.V.
24. z.b.V.
31. z.b.V.
35. z.b.V.
39. z.b.V.
40. z.b.V.
104. z.b.V.
108. z.b.V.
413. (with Signal Platoon)
504. (with Signal Platoon)
507. (with Signal Platoon)
511. (with Signal Platoon)
512. (with Signal Platoon)
513. (with Signal Platoon)
514. (with Signal Platoon)
515. (with Signal Platoon)
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517. (with Signal Platoon)
518. (with Signal Platoon)
519. (with Signal Platoon)
520. (with Signal Platoon)
541. (with Signal Platoon)
601. (with Signal Platoon)
604. (with Signal Platoon)
605.
614.
617. (with Signal Platoon)
620. Mtn (with Signal Platoon)
623.
628. (with Signal Platoon)
667. (with Signal Platoon)
673. (with Signal Platoon)
674. (with Signal Platoon)
677. (with Signal Platoon)
678. (with Signal Platoon)
680. (with Signal Platoon)
685.
690. (with Signal Platoon)
700. Heavy Bridge Construction (with Signal Platoon)

**PIONIER-BATAILLON (motorisiert)
Motorized Combat Engineer Battalion**



KStN 703
1.03.1943

Headquarters, Motorized Combat Engineer Battalion

Bn Hqs: 2 mcl; 2 mcl w/sc; 2 cars (light); 3 cars (15); 2 LMG.
Signal Det: 4 Lt Radio Sect e: 1 van (17).
1 Hvy Tele Sect a: 1 car (2); 1 truck (medium).
Bn Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 2 trucks (3-ton).
Bn Trains: 1 mcl w/sc; 4 trucks (medium); 2 trucks (3-ton); 1 ambulance (31).

KStN 712 *)
1.04.1943

Motorized Combat Engineer Company

Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (15).
Support Det: 3 trucks (3-ton); 2 trailers (compressor).
Signal Det: Hqs Set: 1 car (15).
2 Lt Radio Sect e: 1 van (17)
3 CE Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (15); 1 truck (medium); 1 ATR.
3 Engr Sect: 1 car (15); 1 truck (3-ton); 1 Combat Engineer Section with 1 LMG.
Maint Sect: 1 mcl/w sc; 1 car (2/40).
Co Trains: 1 mcl w/sc; 2 trucks (medium); 1 truck (3-ton).
HMG Sect: 2 trucks (70); 4 HMG.

KStN 728
9.02.1943

KStN 726
1.03.1943

Mortar Sect: 2 trucks (medium); 2 mortars (81mm).

KStN 714
1.04.1943

Motorized Light Combat Engineer Company

Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (15).
Support Det: 1 truck (1.5-ton); 2 trucks (3-ton).
Signal Det: Hqs Set: 1 car (15).
2 Lt Radio Sect e: 1 van (17)
3 CE Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (15); 1 truck (1.5-ton); 1 ATR.
3 Engr Sect: 2 trucks (1.5-ton); 1 Combat Engineer Section with 2 LMG.
Maint Sect: 1 mcl/w sc; 1 car (2/40).
Co Trains: 1 mcl w/sc; 2 trucks (medium); 1 truck (3-ton).
HMG Sect: 2 trucks (70); 4 HMG.

KStN 728
9.02.1943

KStN 726
1.03.1943

Mortar Sect: 2 trucks (medium); 2 mortars (81mm).

KStN 741
1.03.1943

Motorized Light Engineer Column

Col Hqs: 2 mcl; 1 mcl w/sc; 1 car (light).
1 Equipment Plt: 1 mcl; 1 mcl w/sc; 1 car (light); 5 trucks (medium); 1 van (42); 1 trailer (compressor); 1 trailer (cargo);
1 trailer (tool); 1 trailer (8-ton – long); 1 LMG.
1 Support Plt: 1 mcl; 1 mcl w/sc; 5 trucks (medium); 1 trailer (pile driver); 1 trailer (8-ton); 1 LMG.
Col Trains: 1 mcl w/sc; 1 truck (medium).

NOTES:

The trucks in the sections of the Combat Engineer Companies were supposed to be the Pionier-Kraftwagen I (3-ton Pion.Kw. I), whereas the trucks in the sections of the Light Combat Engineer Companies were the Pionier-Kraft-wagen III (1.5-ton Pion.Kw. III).

The support detachment carried engineer equipment, ammunition, and the 12 company flame-throwers. The companies were also equipped with pneumatic tools, welding sets, pile drivers, trailers for long poles, searchlights, 400 rolls of barbed wire, sand bags, explosives, smoke grenades, over 1000 mines, 38 small (4-man) rubber boats and 36 large (11-man) rubber boats.

The 1943 organization authorized 4 HMG and 2 medium mortars for each combat engineer company, as they were often (mis-) used as regular infantry.

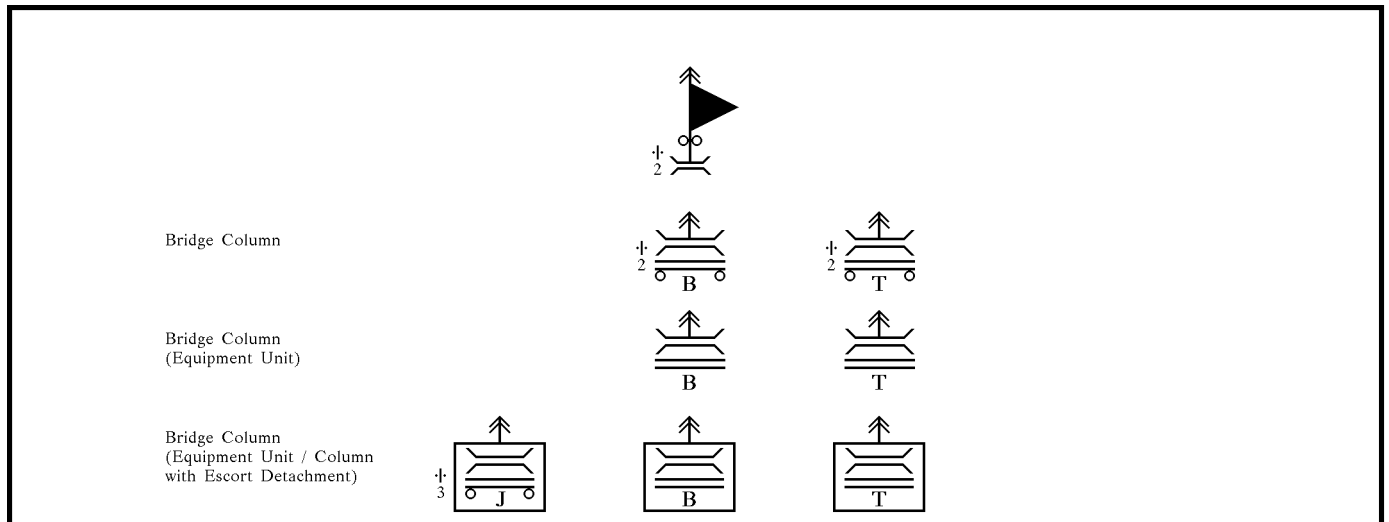
The 1st and 2nd Lehr Battalions were Training Army units. These demonstration battalions were always equipped with the latest equipment and newest KStN. They were at times temporarily transferred to the Field Army for combat experience, to test new equipment, organizations and to develop corresponding training methods.

The 62nd Battalion had originally been a Panzerkorps unit before it was transferred to GHQ Troops, hence its organization varied from the norm.

There were 19 GHQ Motorized Combat Engineer Battalions on 4.07.1943:

1-Lehr	2 companies and 1 light company
2-Lehr	2 companies
41.	3 companies
42.	3 companies
44.	3 companies
45.	3 companies
46.	3 companies
47.	3 companies
48.	3 companies
52.	3 companies
62.	3 light companies and 1 Bridge Column K
70.	3 companies
85.	3 companies
127.	2 companies
505.	3 companies
627.	3 companies
630.	3 companies
651.	3 companies
659.	3 companies
666.	3 companies

BRÜCKEN-KOLONNENSTAFFEL (motorisiert)
Motorized Headquarters Detachment for Bridge Columns



KStN 705 *
10.04.1942

Motorized Headquarters Detachment for Bridge Columns

Det Hqs: 1 mcl; 1 mcl w/sc; 1 car (1); 2 cars (15); 2 LMG.
 1 Lt Tele Sect *a*: 1 car (15).
 2 Pack Radio Sect *b*: 1 car (2).
 Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 2 trucks (medium); 2 vans (42); 1 trailer (welding).
 Det Trains: 2 trucks (medium).

KStN 733 *
1.03.1942

Motorized Bridge Column B

Col Hqs: 3 mcl; 1 car (light).
 2 Bridge Plt: Hqs Sect: 1 mcl; 1 car (15); 1 LMG.
 Pontoon Sect: 4 halftracks (7); 4 trailers (3 pontoons each).
 Pontoon Sect: 4 trucks (4.5-ton); 4 trailers (3 pontoons each).
 Trestle Sect: 2 trucks (4.5-ton); 2 trailers (trestles).
 Transom Sect: 2 trucks (4.5-ton); 2 trailers (shore transoms).
 Boat Sect: 1 truck (4.5-ton); 1 trailer.
 1 Support Plt: Hqs Sect: 2 mcl w/sc.
 Ramp Sect: 2 trucks (4.5-ton); 2 trailers (ramps).
 Winch Sect: 1 truck (4.5-ton); 1 trailer (winch).
 Col Trains: 1 truck (light); 2 trucks (medium).

KStN 760b
9.02.1943

Escort Detachment: 1 car (light); 1 mcl; 1 mcl w/sc. [1 Officer; 8 NCO; 60 EM; personnel ride with Bridge Column "B" vehicles.]

KStN 739 *
1.03.1942

Motorized Bridge Column T

Col Hqs: 1 mcl; 1 mcl w/sc; 1 car (light).
 2 Bridge Plt: Hqs Sect: 1 mcl w/sc; 1 car (15); 1 LMG.
 2 Pontoon Sect: 2 halftracks (7); 2 trailers (3 pontoons each).
 1 Pontoon Sect: 2 trucks (3-ton); 2 trailers (3 pontoons each).
 1 Trestle Sect: 2 trucks (3-ton); 2 trailers (trestles).
 1 Support Plt: Hqs Sect: 1 mcl w/sc; 1 car (light).
 Winch Sect: 1 truck (3-ton); 1 trailer (winch).
 Col Trains: 1 truck (light); 2 trucks (medium).

KStN 736a
23.06.1943

Motorized Bridge Column J

Col Hqs: 3 mcl; 3 mcl w/sc; 1 car (1).
 1 Lt Tele Sect *e*: 1 van (17).
 2 Pontoon Plt: Hqs Sect: 1 mcl; 1 car (1); 2 trucks (4.5-ton); 1 LMG.
 3 Pontoon Sect: 4 trucks (4.5-ton).
 1 Boat Sect: 2 halftracks (7); 2 trailers (motor boat).
 2 Trestle Plt: Hqs Sect: 1 mcl; 1 car (1); 1 LMG.
 3 Trestle Sect: 4 trucks (4.5-ton).
 1 Transom Sect: 4 trucks (4.5-ton).
 1 Ramp Sect: 4 trucks (4.5-ton).
 1 Light Plt: Hqs Sect: 1 mcl.
 1 Rubber Raft: 2 trucks (4.5-ton); 2 trailers (motor boat).
 1 Rubber Raft Bridge Sect: 2 trucks (4.5-ton).
 1 Support Plt: 1 mcl w/sc; 3 trucks (medium); 9 trucks (heavy); 1 halftrack (7); 1 trailer (winch); 1 LMG.
 Maint Sect: 1 mcl w/sc; 1 car (2/40); 2 KK (2); 1 truck (medium); 2 trailers (for KK).
 Col Trains: 1 truck (medium).
 Escort Detachment: 1 car (light); 1 mcl; 1 mcl w/sc. [1 Officer; 8 NCO; 60 EM; personnel ride with Bridge Column "J" vehicles.]

KStN 760a
1.03.1943

NOTES:

The motorized Headquarters Detachment for Bridge Columns were administrative units catering to the needs of the bridge columns, including vehicle maintenance, supply, road march control, etc. No fixed number or type of bridge columns were attached. Command and control functions were carried out by the Headquarters, Combat Engineer Regiment.

There were 20 of these Headquarters Detachments for Bridge Columns on 4.07.1943:

921.	926.	931.	936.
922.	927.	932.	937.
923.	928.	933.	938.
924.	929.	934.	939.
925.	930.	935.	940.

Pontoon trestle bridges were designed as combat bridges. This meant that the bridges had to be raised as soon as possible, depending upon the time needed to build a more permanent bridge next to it. The latter was the job of the bridge construction engineers. To enable the bridge column to provide further bridges, full sets of bridge equipment were kept in bridge parks to the rear, and were issued as Equipment Units. Escort Detachments escorted the bridges from the parks to the bridge columns, and were mainly charged with supervising loading and unloading the equipment during transport.

The bridge column did not itself assemble the bridge, but merely transported and advised. The combat engineers, or construction troops assembled these combat bridges.

Bridge equipment was used in a multitude of roles, including ferries, pontoon bridges of varying widths and lengths, and, without pontoons, as auxiliary bridges and emergency spanning of damaged or destroyed bridges.

The Brückengerät "T" was a wooden medium pontoon and trestle bridge. It had timber reversible pontoons, timber road bearers, and timber decking. Load factor was from 4.5 tons (10 meters long and 3 meters wide). With extra pontoons under each span, the load factor could be increased to 11 tons.

The Brückengerät "B" was a heavy pontoon and trestle bridge. It was the standard combat bridge of the German Army during World War II. It consisted of a steel, flat-bed, wooden-floored superstructure resting on undecked, non-reversible steel (or alloy) pontoons. In effect, each pontoon was only a half-pontoon. When fastened stern to stern, the load capacity was doubled. The load factor of the bridge ranged from 4 tons (with a maximum length of 130 meters) to 20 tons (with a maximum length of 50 meters).

The Brückengerät "J" was a heavy steel box-girder bridge. The girders were launched overrollers. Trestles and four-section pontoons were used as supports. A decking of chesses was laid in a single 4 meter wide track of up to 20 meters length. It could also be constructed with 8 meter tracks. Load factor was a maximum of 35 tons. It was introduced to allow "Panther" tanks to cross obstacles.

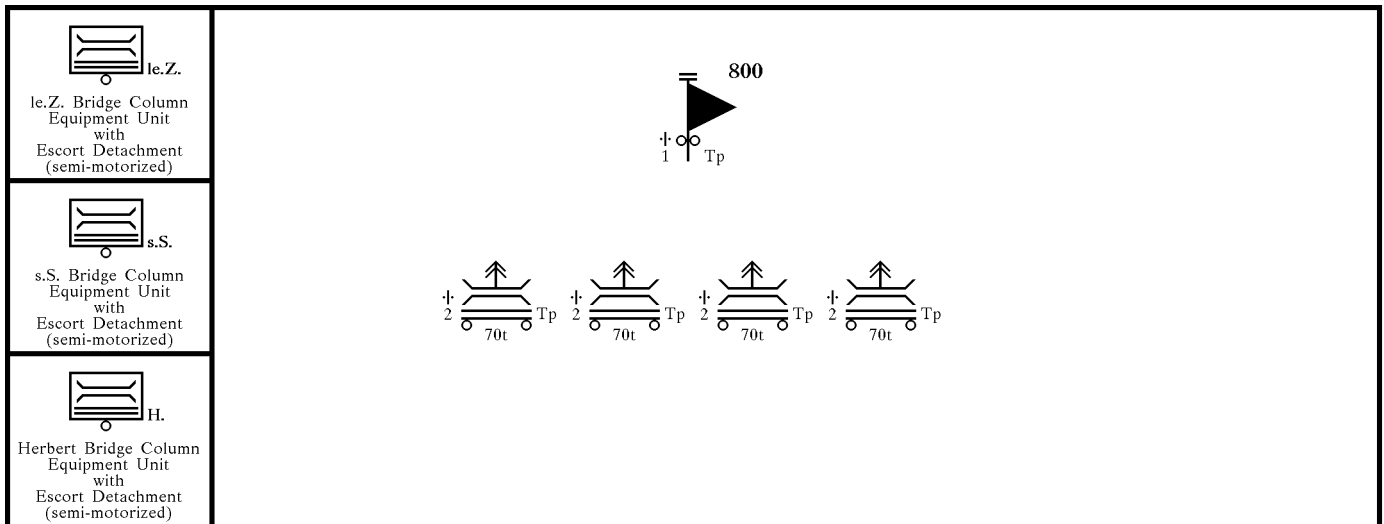
Unit & Type	Unit & Type	Unit & Type
1 B mot	106 B mot	603 B mot
2 B mot	107 B mot	606 B mot
3 B[EU]	110 B mot	609 B mot
4 B[EU+ED]	111 B mot	610 B mot
5 B mot	112 B mot	612 B mot
6 B[EU]	113 B mot	615 B mot
7 B mot	121 B mot	616 B [EU+ED]
8 B mot	123 B[EU]	619 B mot
9 B mot	124 B[EU]	620 B [EU+ED]
10 B mot	125 B mot	624 B mot
11 B mot	126 B mot	626 B mot
12 B mot	129 B mot	627 B mot
13 B mot	132 B mot	630 B [EU]
14 B mot	138 B mot	636 B mot
15 B mot	156 T [EU+ED]	639 B mot
16 B mot	158 T mot	644 B mot
18 B mot	161 B mot	649 B mot
19 B mot	162 T [EU+ED]	651 B mot
20 B mot	168 T [EU+ED]	652 B mot
21 B mot	169 T mot	1./654 dö [EU+ED]
22 B mot	171 T [EU+ED]	2./654 dö [EU+ED]
23 B mot	175 T [EU+ED]	1./655 dö [EU+ED]
24 B mot	176 T [EU+ED]	2./655 dö [EU+ED]
25 B mot	178 T [EU]	1./657 dö [EU+ED]
26 B mot	186 T [EU]	2./657 dö [EU+ED]
27 B [EU]	193 T [EU+ED]	658 B mot
29 B mot	196 T [EU+ED]	660 B mot
31 B mot	198 T [EU+ED]	661 B mot
32 B mot	209 B [EU+ED]	663 B mot
33 B [EU]	222 B mot	664 B mot
34 B mot	297 B mot	666 B mot
35 B [EU]	298 B mot	667 B mot
36 B mot	317 T [EU+ED]	668 B mot
37 B mot	401 B mot	671 B mot
39 K mot	1./402 B mot	672 B mot
1./41 B mot	2./402 B mot	676 B mot
2./41 B mot	1./403 B mot	801 B [EU+ED]
42 B mot	2./403 B mot	802 B [EU+ED]
43 B mot	1./404 B mot	803 B [EU+ED]
44 B mot	2./404 B mot	804 B [EU+ED]
46 B mot	1./405 B mot	805 B [EU+ED]
47 B mot	2./405 B [EU+ED]	806 B [EU+ED]
48 B mot	1./406 B mot	807 B [EU+ED]
49 B[EU]	2./406 B mot	808 B [EU+ED]
50 B mot	2./407 B mot	811 B [EU]
51 B mot	1./408 B mot	812 B [EU+ED]
54 B mot	2./408 B mot	815 B [EU+ED]
57 B[EU]	1./409 B [EU+ED]	819 B [EU]
59 B mot	2./409 B mot	823 B [EU+ED]
2./60 B mot	1./410 B mot	824 B [EU]
2./62 B mot	2./410 B mot	825 B [EU]
3./62 B[EU]	2./411 B mot	826 B [EU+ED]
70 B mot	2./412 B [EU+ED]	827 B [EU+ED]
77 B mot	1./413 B mot	828 B [EU]
78 B mot	2./413 B mot	829 B [EU]
79 B[EU]	1./415 B mot	830 B [EU]
80 B mot	2./415 B mot	831 B [EU]
82 B mot	1./422 B mot	832 B [EU]
83 B[EU]	2./422 B mot	833 B [EU]
85 B mot	1./427 B mot	834 B [EU]
86 B mot	2./427 B mot	835 B [EU]
88 B mot	1./430 B mot	836 B [EU]
89 B mot	2./430 B mot	837 B [EU]
92 B[EU]	442 B [EU]	838 B [EU]
94 B mot	1./505 B mot	840 J mot + [ED]
95 B mot	2./505 B mot	841 J mot + [ED]
96 B[EU]	533 B mot	842 J mot + [ED]
97 B mot	534 B mot	843 J mot + [ED]
98 B mot	535 B mot	844 J mot + [ED]
99 B mot	536 B mot	845 J mot + [ED]
100 B[EU]	537 B mot	846 J mot + [ED]
101 B mot	539 B mot	847 J mot + [ED]
102 B mot	602 B mot	900 B mot

[EU] Equipment Unit (one unit of bridge equipment; no vehicles or personnel)

[ED] Escort Detachment (personnel only; a few vehicles, (if at all), but not enough to move all personnel and equipment)

Note: Missing bridge column numbers were either destroyed, dissolved, amalgamated into engineer battalions or other bridge columns, or not raised.

SCHWERE BRÜCKEN-KOLONNEN Heavy Bridge Columns



KStN 779 Headquarters, Motorized Heavy Bridge Transport Battalion
1.11.1942 Bn Hqs: 3 mcl; 2 mcl w/sc; 1 car (medium); 1 bus (light / 15 seats).
Bn Hqs Trains: 1 truck (light); 1 LMG.

KStN 780 Motorized Heavy Bridge Transport Column (70-ton)
1.11.1942 Col Hqs: 1 mcl; 1 mcl w/sc; 1 car (light); 2 LMG.
4 Sect: 3 trucks (heavy).
1 Sect: 5 trucks (heavy); 2 trailers (cargo).
Col Maint Sect: 1 mcl w/sc; 1 car (2/40).
Col Trains: 3 trucks (medium).

KStN 758 *) Semi-Motorized Escort Detachment, Bridge Column H
1.02.1941 Hqs Sect: 1 mcl; 1 car (light).
Bridge Sect: 1 car (light); 2 trucks (medium); 2 trailers (motor boat).
Det Trains: 1 truck (light); 1 truck (medium).

KStN 760 *) Semi-Motorized Escort Detachment, Bridge Column sS
1.02.1941 Hqs Sect: 1 mcl; 1 car (light).
2 Bridge Sect: 1 car (light); 2 trucks (heavy); 4 motor cranes (10-ton); 2 trailers (motor boat).
Det Trains: 1 truck (light); 1 truck (medium).

KStN 762 *) Semi-Motorized Escort Detachment, Bridge Column le.Z.
1.02.1941 Hqs Sect: 1 mcl; 1 car (light).
Bridge Sect: 1 truck (medium).
Det Trains: 1 truck (light); 1 truck (medium).

NOTES:

There was only the 800th Motorized Heavy Bridge Transport Battalion in the German Army on 4.07.1943. The battalion was intended to transport four columns of the *le.Z.* heavy bridge in one movement. It could also transport other heavy bridges, but this would take many movements.

Heavy bridges could be constructed with standard or even tailor-made material ordered directly from factories in Germany and occupied countries. Since this took time, standardized bridge components had been manufactured in advance and moved to the combat theaters.

Various standard heavy combat bridges were available to the Germans. These bridges existed as units of equipment, and were normally located in bridge parks. They were constituted into standard Equipment Unit columns.

The indicated width and load carrying capacity of a heavy bridge to be built was calculated in the number of Equipment Unit columns necessary to bridge it. Heavy bridge Equipment Unit columns did not have any vehicles or personnel organically assigned to them.

They were dispatched to the indicated area, accompanied by an Escort Detachment. Transportation could be by rail, river, or, in the case of the *le.Z.* bridge column, by road on the 800th Transport Battalion. The Escort Detachment did not build the bridge, but was responsible for care of the bridge en-route to its destination, and for supervising its erection on location. They were the experts on how the bridge was assembled and maintained. Although the Escort Detachments were only semi-motorized, they had enough vehicles to move all their equipment. Some of the personnel had to be transported by other means.

The German heavy bridge equipment comprised the following standard types:

Leicht Zerlegbar (le.Z.) (lit.: easily disassembled)

This heavy combat bridge had a load capacity of 18 tons for wheeled vehicles, and 30 tons for fully tracked vehicles. With a width of 3.7 meters, one Equipment Unit could span 45 meters without supports, such as trestles or pontoons. One combat engineer company was needed to assemble this bridge. Road movement required 28 medium trucks (3-ton) and 2 trailers of at least 5.5 meters length, or 17 heavy trucks (4.5-ton) and 2 trailers. Rail movement required 6 "O" or "R" wagons.

Herbert (H.)

A large WW I era box-girder floating bridge. Each span weighed 4 tons, with a load capacity of 24 tons. It could be used in various self-supporting configurations, with a length of 12 (5 meters wide) to 20 meters (3 meters wide). When used as a floating bridge, it was supported by 45-ton boats or large seven-component pontoons. Road movement required 448 medium trucks (3-ton) and 8 trailers of 5.5 meters length. Rail movement required 144 "O" and 8 "Ol" or "Om" wagons.

schwere Schiffsbrücke (s.S.) (lit.: heavy ship bridge)

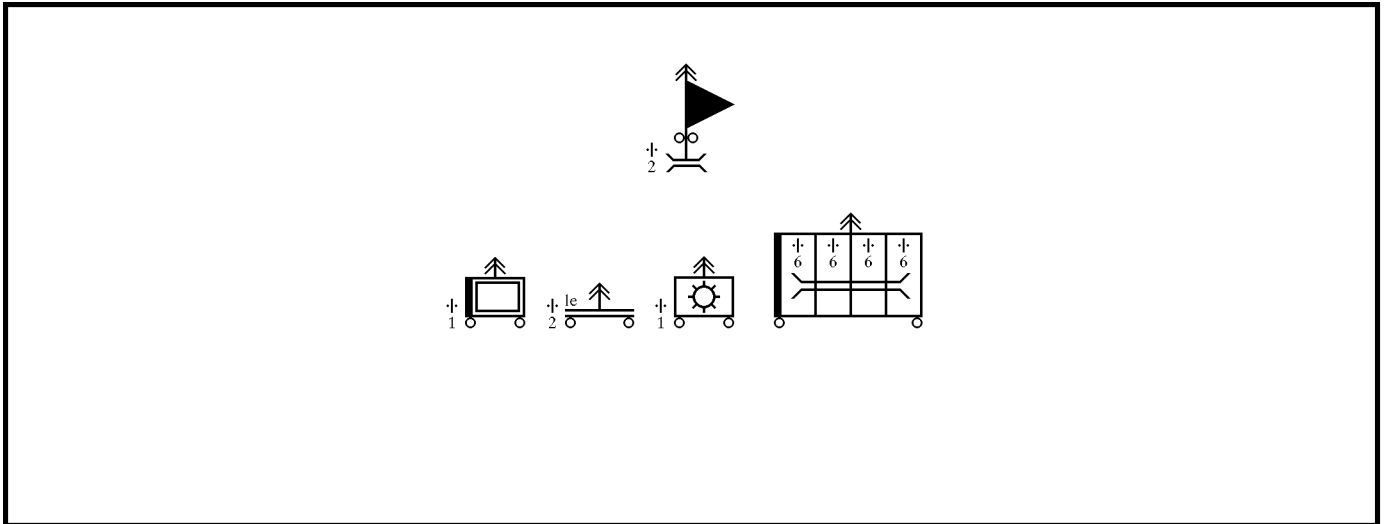
This was a heavy railroad bridge. It consisted of wide, built-up spans. If used as a floating bridge, it was supported by massive decked pontoons or boats. Road movement required 400 heavy trucks (4.5-ton) and 50 trailers of at least 5.5 meters length. Rail movement required 190 "O" and 60 "S" wagons.

Heavy Bridge Columns: Unit & Type

1. H. [EU+ED]
2. H. [EU+ED]
3. H. [EU+ED]
4. H. [EU+ED]
5. H. [EU+ED]
13. le.Z. [EU+ED]
23. s.S. [EU+ED]
24. s.S. [EU+ED]
25. s.S. [EU+ED]
31. le.Z. [EU+ED]
32. le.Z. [EU+ED]
33. le.Z. [EU+ED]
34. le.Z. [EU+ED]
35. le.Z. [EU+ED]
36. le.Z. [EU+ED]
37. le.Z. [EU+ED]
38. le.Z. [EU+ED]
40. le.Z. [EU+ED]

EU: Equipment Unit (bridge equipment only; no vehicles or personnel)
ED: Escort Detachment (personnel and vehicles)

BRÜCKENBAU-BATAILLON (motorisiert) Motorized Bridge Construction Battalion



- KStN 704a** **Headquarters, Motorized Bridge Construction Battalion**
1.03.1943 Bn Hqs: 2 mcl; 2 mcl w/sc; 2 cars (light); 2 cars (medium); 2 LMG.
2 Lt Tele Sect α : 1 car (15).
Bn Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 2 trucks (3-ton).
Det Trains: 6 trucks (medium); 1 ambulance (31).
- KStN 750** **Motorized Bridge Construction Company**
1.03.1943 Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (light).
3 Plt: 1 car (light); 4 trucks (medium); 2 LMG.
Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 3 trucks (medium).
- KStN 735a** **Motorized Engineer Equipment Platoon**
1.03.1943 Plt Hqs: 1 mcl; 1 mcl w/sc; 1 car (light); 1 truck (medium); 1 LMG.
2 Equipment Det: 1 mcl; 1 mcl w/sc; 1 truck (medium); 7 trucks (heavy [6.5-ton]); 2 trailers (generator);
1 trailer (8-ton – long); 2 trailers (compressor); 1 trailer (rock crusher); 2 halftrack cranes (9/1 – 6-ton).
Workshop Det: 1 mcl; 1 truck (medium); 2 halftracks (5); 4 trucks (heavy [6.5-ton]); 1 trailer (tool);
2 trailers (8-ton – long); 1 trailer (generator); 1 trailer (motor boat); 1 trailer (winch).
Plt Trains: 3 trucks (3-ton).
- KStN 741** **Motorized Light Engineer Column**
1.03.1943 Col Hqs: 2 mcl; 1 mcl w/sc; 1 car (light).
1 Equipment Plt: 1 mcl; 1 mcl w/sc; 1 car (light); 5 trucks (medium); 1 van (42); 1 trailer (compressor); 1 trailer (cargo);
1 trailer (tool); 1 trailer (8-ton – long); 1 LMG.
1 Support Plt: 1 mcl; 1 mcl w/sc; 5 trucks (medium); 1 trailer (pile driver); 1 trailer (8-ton); 1 LMG.
Col Trains: 1 mcl w/sc; 1 truck (medium).
- KStN 754** **Motorized Engineer Park Company**
1.03.1943 Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (light); 1 LMG.
3 Plt: 1 car (light); 3 trucks (medium).
Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 5 trucks (medium).

NOTES:

The presentation above shows only the motorized organizations. The battalion headquarters of most units were only partially motorized. In the table to the right, the indication (foot) means that the majority of personnel were on foot, although the equipment was transported on horse-drawn carts and wagons. The (foot) units and the partially motorized units are not presented here. For the sake of completeness, all the battalions are shown, with a breakdown of which units were motorized or (foot), and which battalions had a complete engineer park company or just a motorized light engineer column.

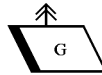
The bridge construction battalions were equipped to build and repair bridges. The four bridge construction companies provided the manpower, whereas the equipment and park units provided the necessary machinery and tools to do just about any job. Although there were special engineer units for railroad construction, railroad bridges were mainly built and repaired by these battalions. For major bridge projects, several bridge construction battalions, railroad construction battalions, (and even specialized railroad bridge construction battalions and heavy bridge columns), were gathered under a Headquarters, Engineer Regiment, which coordinated the efforts of all these units.

The battalions were also trained to erect combat bridges. It was not infrequent that combat bridges were built at the same time that the repair of damaged bridges right next to them was begun. The combat bridges would be disassembled when the other bridge was repaired and open for traffic, to be used elsewhere. Often ferry services with rafts were begun to enable the combat bridge to be removed as soon as possible.

There were 30 GHQ Bridge Construction Battalions (motorized, partially motorized, or foot), on 4.07.1943:

Bn	Bn Hqs	1st Co	2nd Co	3rd Co	4th Co	Equip. Plt	Engineer Col.	Engineer Park
3.	semi-mot	mot	mot	(foot)	(foot)	mot	Col-mot	
4.	semi-mot	mot	(foot)	(foot)	(foot)	mot	–	Co (foot)
7.	semi-mot	mot	(foot)	(foot)	(foot)	mot	–	Co (foot)
21.	semi-mot	mot	(foot)	(foot)	(foot)	mot	Col-mot	–
26.	semi-mot	(foot)	(foot)	(foot)	(foot)	mot	Col-mot	–
37.	semi-mot	(foot)	(foot)	(foot)	(foot)	mot	–	Co (foot)
41.	semi-mot	(foot)	(foot)	(foot)	(foot)	mot	Col-mot	–
42.	semi-mot	(foot)	(foot)	(foot)	(foot)	mot	Col-mot	–
54.	semi-mot	(foot)	(foot)	(foot)	(foot)	mot	Col-mot	–
84.	semi-mot	(foot)	(foot)	(foot)	(foot)	mot	Col-mot	–
145.	mot	mot	mot	mot	mot	mot	–	Co-mot
159.	mot	mot	mot	mot	mot	mot	Col-mot	–
208.	semi-mot	(foot)	(foot)	(foot)	(foot)	mot	Col-mot	–
210.	mot	mot	mot	mot	mot	mot	Col-mot	–
255.	semi-mot	mot	(foot)	(foot)	(foot)	mot	Col-mot	–
521.	semi-mot	(foot)	(foot)	(foot)	(foot)	mot	–	Co (foot)
522.	semi-mot	(foot)	(foot)	(foot)	(foot)	mot	–	Co (foot)
531.	semi-mot	(foot)	(foot)	(foot)	(foot)	mot	–	Co (foot)
548.	semi-mot	(foot)	(foot)	(foot)	(foot)	mot	–	Co (foot)
552.	semi-mot	(foot)	(foot)	(foot)	(foot)	mot	–	Co (foot)
560.	semi-mot	mot	(foot)	(foot)	(foot)	mot	–	Co (foot)
566.	semi-mot	(foot)	(foot)	(foot)	(foot)	mot	–	Co (foot)
577.	mot	mot	mot	mot	mot	mot	–	Co-mot
593.	semi-mot	(foot)	(foot)	(foot)	(foot)	mot	–	Co (foot)
624.	semi-mot	(foot)	(foot)	(foot)	(foot)	mot	–	Co (foot)
646.	semi-mot	(foot)	(foot)	(foot)	(foot)	mot	–	Co (foot)
655.	semi-mot	mot	(foot)	(foot)	(foot)	mot	–	Co (foot)
674.	semi-mot	(foot)	(foot)	(foot)	(foot)	mot	–	Co (foot)
683.	semi-mot	(foot)	(foot)	(foot)	(foot)	mot	–	Co (foot)
699.	semi-mot	(foot)	(foot)	(foot)	(foot)	mot	–	Co (foot)

PANZER-PIONIER-KOMPANIE (Goliath)
Armored Engineer Remote Control Company



KStN 727
12.05.1943

Armored Engineer Remote Control Company

Co Hqs: 2 mcl; 2 mcl w/sc; 1 VW (1); 1 VW (2); 1 truck (1.5-ton); 1 LMG.
 Mortar Sect: 2 trucks (1.5-ton); 2 mortars (81mm).
 2 Goliath Plt: Hqs Sect: 1 mcl w/sc; 1 VW (2); 1 truck (1.5-ton).
 1 HMG Sect: 2 trucks (1.5-ton); 2 HMG.
 3 Goliath Controller Sect: 2 trucks (1.5-ton); 1 LMG.
 Transportation Det: 1 car (1); 4 trucks (3-ton / each with 6 Goliath); 1 truck (3-ton).
 Supply and Maint Det: 1 mcl w/sc; 1 VW (1); 1 VW (2); 1 AA car (4 w/ dual MG); 12 trucks (3-ton / each with 6 Goliath);
 1 truck (3-ton); 1 truck (4.5-ton); 1 trailer (5-ton – workshop); 1 trailer (generator).
 Co Trains: 2 mcl w/sc; 2 trucks (medium); 4 trucks (3-ton).

NOTES:

The *Leichte Ladungsträger Goliath, Ausf. A, (Sd. Kfz. 302)*, was a remote controlled, tracked demolition vehicle. It was driven electrically by two motors. The motors were powered by two 12 volt batteries. The Goliath Model A had four road wheels and three return rollers. It was controlled through a cable (which steered and detonated the charge) of about 600 meters length. The cable, which was connected to a control panel in the hands of the Goliath controller, unwound from a drum in the rear of the moving vehicle. There was no provision for reversing the vehicle. The charge of 60 kilos of TNT was fired electrically by a dry cell battery in the control panel. The vehicle had a speed of about 10 km/h and a range of about 1.5 kilometers. It was expendable and was destroyed when its demolition charge was set off. The vehicle weighed 370 kilos. Model A was discontinued because the batteries available at the time did not give it enough range.

The successor to Model A was the *Leichte Ladungsträger Goliath, Ausf. B, (Sd. Kfz. 303)* which was powered by a gasoline engine. The engine had a large air scoop on top of the vehicle, and exhausts mounted in sponsons on the sides. The Model B had four road wheels and two return rollers. The vehicle was controlled by a 650 meters long cable, which also unwound from the rear of the vehicle. Although in this model provision had been made for reversing the vehicle, in fact the control cable tended to become entangled in the tracks when doing so. The Model B had a speed of 12 km/h, a range of about 12 kilometers, and a payload of 75 kilos of TNT. It weighed 400 kilos.

Six Goliaths were transported on one 3-ton truck. The Goliath – with its short range – could be moved tactically on small, two-wheeled trailers, which engaged two metal rods fitted into the sides of the vehicle. Contrary to pictorial evidence, the 1943 KStN did not authorize these trailers.

The Goliaths were designed to run up against defense works, into minefields, or against stationary targets and then detonated. The low silhouette and light armor protection made the Goliath difficult to destroy. It was hoped that the Goliath would draw the fire of enemy antitank guns well forward, so that these could be destroyed by friendly fire. Their slow speed, vulnerability to small arms fire, and their factual inability to back up meant that they did not always reach their target.

The Model A's electric motors enabled silent use, especially at night. Their unheard approach to the enemy defenses enabled them to cause serious damage. The surprise explosion also could cause panic, and lowered morale.

When used in sufficient numbers, the Goliaths caused widespread devastation to the enemy front lines, destroyed barbed wire entanglements, and were especially effective when followed up by an infantry attack to exploit this tactical advantage.

Production of the Model A started in April 1942. Production ceased in March 1943, by which time 2,650 vehicles had been delivered to the Army. Production of the Model B started in March 1943.

On 4.07.1943, there were 5 of these Armored Engineer Remote Controlled Companies. They were:

811.
812.
813.
814.
815.

STURMBOOT-KOMPANIE (motorisiert)
Motorized Engineer Assault Boat Company



KStN 729 *) Motorized Engineer Assault Boat Company

1.11.1941

Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (1).

2 Pack Radio Sect *b*: 1 car (2).

3 Boat Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (1).

2 Sect: 3 trucks (medium); 3 trailers (3 S-Boot each); 1 LMG.

1 Sect: 3 halftracks (11); 3 trailers (3 S-Boot each); 1 LMG.

Maint Sect: 1 mcl w/sc; 1 car (2/40).

Boat Maint Sect: 1 mcl w/sc; 2 trucks (medium); 1 van (42); 1 trailer (cargo).

Co Trains: 1 mcl w/sc; 1 trucks (light); 5 trucks (medium).

NOTES:

The light assault boat (S-Boot) was the Sturmboot 39. It was equipped with an outboard engine, known as a "mechanical oar" propulsion unit. It was a propeller attached to a long shaft running through a casing bolted to the engine. The propeller revolved about a meter behind the boat. The S-Boot was 6 meters long, 1.8 meters wide, and weighed 210 kilos. It required 8 men to carry and launch. The outboard motor weighed 190 kilos, and required 4 men to carry and install. The S-Boot moved at a maximum speed of 30 km/h fully loaded, and could sustain operations at this speed for about 60 minutes without refuelling.

The S-Boot was steered by pivoting the engine on a bracket which attached it to the rear of the S-Boot. The Helmsman stood or knelt in the rear, and gripped one of the handles at the front of the engine.

The S-Boot was operated by 2 men, and could carry an additional 7 fully-equipped infantrymen. The S-Boot was used to ferry assault engineers and infantry across rivers and other water obstacles. As soon as the attackers jumped off, the crew reversed the boat and sped off to fetch the next load. Assault boat operations were usually carried out under fire, and were used to maintain the momentum of the attack.

There were 5 Motorized Engineer Assault Boat Companies on 4.07.1942:

902.
 904.
 905.
 906.
 912.

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INTRODUCTION TO GERMAN SOFT-SKINNED MOTOR VEHICLES

Identification and Numbering System

The German Wehrmacht identified its motor vehicles by make, by type, by load, by mobility, by purpose, by number of seats, and/or by number. The latter, *Kraftfahrzeug (Kfz.)* and *Sonder Kraftfahrzeug (Sd.Kfz.)* numbers, indicated the purpose but not manufacturer of the vehicle. Early in the war, this series of numbers were reasonably well adhered to, although some vehicles were only classified by their load and mobility. As the war continued, the numbering system fell into disuse. The details of the numerical classifications are given on the next pages. The classifications were:

Kfz. No. Nomenclature

- 1 – 10 light personnel carriers (*le. PKW*)
- 11 – 20 medium personnel carriers (*m. PKW*)
- 21 – 30 heavy personnel carriers (*s. PKW*)
- 31 – 40 light load carriers (*le. LKW*)
- 41 – 50 medium load carriers (*m. LKW*)
- 51 – 60 heavy load carriers (*s. LKW*)
- 61 – 70 light cross-country load carriers (*le. gl. LKW*)
- 71 – 80 medium cross-country load carriers (*m. gl. LKW*)
- 81 – 90 heavy cross-country personnel carriers (*s. gl. PKW*),
and, light cross-country load carriers (*le. gl. LKW*)

The heavy personnel carrier and the light load carrier had the same numbers. Same chassis, different bodies.

Classifications did not always correspond to the actual usage. Mobility for personnel and load carriers, whether military or commercial versions, was defined either as cross-country (indicated by the prefix “*geländegängig*”, abbreviated to “*gl.*”, i.e. cross-country), or road-bound, in which case either the suffix “*(a.)*” was added, or the suffix was omitted altogether.

Commercial vehicles could be directly purchased from the manufacturer, or, upon mobilization, requisitioned from the civilian economy. Indeed 63% of all motor vehicles in the German Army were requisitioned by September 1939.

German Load Carriers

Load carriers came in two versions (truck, i.e. open/with a bed; and van, i.e. closed/with a body instead of a bed), and in two types (commercial and military). As indicated above, the Germans used both numbered and unnumbered series of load carriers. Load carriers with and without “*Kfz.*” numbers came in three different load classifications:

- Light up to 2-ton
- Medium 3-ton
- Heavy 4.5-ton and over.

Load carriers with over a 5-ton load factor were only bought in the commercial versions.

German Commercial Load Carriers in Military Use

up to 2-ton (light)	Adler	W61
	Borgward	L1400
	Daimler-Benz	L1500, L1500S, L1500A
	Phanomen	Granit 25H; 1500S, 1500A
	Opel	Blitz 2,5-32
3-ton (medium)	Steyr (Ost. Daimler)	1500A/01, 1500A/02, 2000A
	Borgward	B3000S, B3000A
	Daimler-Benz	L3000, L3000S, L3000A
	Ford	G21T; V3000, V3000S
	KHD (Magirus)	3000S, 3000A
4.5-ton (heavy)	MAN	E2; E3000
	Opel	Blitz 3,6-36S, Blitz 6700A
	Büssing-NAG	4500S, 4500A
	Daimler-Benz	L4500S, L4500A
	Gräfe & Stift	V7DW
6.5-ton	MAN	ML4500S, ML4500A
	Büssing-NAG	6500
	Daimler-Benz	L6500
	Krupp	LD6,5
	MAN	F4
9-ton	Vomag	6LR-647, 6LR-652
	Tatra	6500A
	Büssing-NAG	801, 802
	Faun	L9000D567

German Personnel Carriers

Personnel carriers, with or without numbers, were also classified according to their mobility and engine size:

- Light up to 1500cc
- Medium up to 3000cc
- Heavy over 3000cc

Personnel carriers were either civilian or military. Civilian and later also military vehicles were identified by the engine size – and sometimes the number of seats.

German Motorcycles

There were a multitude of motorcycle types in the German Army, classified according to engine size:

- Light up to 350cc
- Medium up to 500cc
- Heavy over 500cc

Motorcycles came in solo and sidecar versions. For the heavy motorcycles with sidecars, the sidecar wheel was power-driven. Some motorcycles had a light machine-gun mounted on the sidecar. The side cars were also used to carry light mortars, ammunition, as well as personnel.

The Einheits-Vehicle-Program

The Einheits Program was an attempt by the German Armed Forces in the 1930s to produce a series of standardized vehicles. They were based on complicated 4 x 2, 4 x 4, and 6 x 4 chassis, with varying bodies, each conceived for a specific role.

Four chassis were finally produced. They were designated the light (*le. E-PKW*), the medium (*m. E-PKW*), as well as the heavy (*s. E-PKW*) personnel carriers. The fourth was the light load carrier (*le. E-LKW*, also known as the “*Einheits-Diesel*”). This light load carrier, produced between 1937 and 1940, had a 6 x 6 chassis capable of transporting 2.5-tons, and was powered by a diesel engine, (one of the few WWII German vehicles so powered).

Early Einheits-PKW all had stub axles on both sides for the spare wheels, which were supposed to assist the vehicles in crossing rough terrain. This feature was dropped in later models.

Light load carrier chassis were also fitted with passenger bodies. A typical example of this was the *le. Einheits-LKW*, and later the Steyer 1500.

The Einheits Vehicle Program ran into considerable difficulties owing to production and maintenance complications. The design proved too sophisticated for field use, where maintenance and spare parts were in short supply. The complicated two-axle steering caused particular problems in maintenance. The *le. Einheits-LKW* proved the only one that was a successful design.

The Schell Vehicle Program

The Einheits Program could not meet the motor vehicle needs of the German Armed Forces. In 1938, the Schell Program was initiated. It standardized the number of Einheits vehicles at four, (see paragraph above), and provided a limited number of alternative commercial vehicles with all-wheel drive. It reduced the large variety of models in both commercial and military production from 113 to 30 load carriers, from 52 to 10 personnel carriers, and from 150 to 30 motorcycles, which, as an added benefit, enabled the German Army to commandeer civilian vehicles in time of need without drastically complicating the replacement and spare parts situation. The Schell Program vehicles did not always have the engine performance required for military use.

Neither the Einheits nor the Schell Programs provided enough vehicles for the expanding German Armed Forces. However, no solution was ever found for this problem, and Germany was severely handicapped by a lack of motor vehicles in World War II. Even the incorporation of captured enemy vehicles and the production facilities of occupied countries was unable to remedy this problem.

The Raupenschlepper Ost (RSO)

The Russian Campaign quickly demonstrated that German wheeled vehicles were totally inadequate when it came to moving through mud and snow. This lack of good cross-country mobility led to the development of the Raupenschlepper Ost, created to meet the needs of the infantry for a fully-tracked motor vehicle that could move in all terrain. It was ideal also because it did not move very much faster than the marching infantry. This family of vehicles was produced without the standard identifying numbers being allocated.

The Maultier

The lack of good cross-country mobility also led to field improvisations. One of which was so successful that it was produced in large amounts by German industry. The Maultier was basically a truck with tracks and drive train components similar to that of a light tank instead of a rear axle and wheels. The Germans produced two weight classes, namely the Sd.Kfz. 3 based on the medium truck, (initially with a 2-ton payload, then increased to 3 tons) and the Sd.Kfz. 3/5, based on the 4.5-ton truck, (initially with a 4-ton payload, then increased to 4.5 tons).

The Schwere Wehrmachtsschlepper

A simplified and standardized 6-ton halftrack began production in late 1943. Production was low, with only 1000 being produced during the war.

GERMAN NUMBERED MOTORIZED SOFT-SKINNED VEHICLES

Kfz.	German Nomenclature	Description	Makes & Models
1	le gl PKW (‘Kübelwagen’)	light cc personnel carrier (3 and 4-seater) Hanomag - all models	le. Einheits-PKW BMW 303, 309, 315, 319, 3/15, 4/20PS Daimler-Benz 170-V Dixie 3/15 Opel P-4 Skoda Popular 1100 Steyr 250 Volkswagen Type 82, 87, etc.
1/20	le gl schwimm-PKW	light amphibious cc personnel carrier (4-seater)	Volkswagen Type 128 and 166
2	le Nachrichten-Kw	light cc signals carrier	le. Einheits-PKW
2/1	le Fernsprech-Kw	light cc telephone carrier	BMW 309, 319, 3/15, 4/20
2/2	le Funk-Kw	light cc radio carrier	Hanomag - all models
2/40	le Instandsetzungs-Kw	light cc maintenance section carrier (all 2 seaters with equipment storage in the back)	Daimler-Benz 170-V Volkswagen Type 82, 87, etc.
3	le Messtrupp-Kw	light cc calibration section carrier	le. Einheits-PKW BMW 309 Daimler-Benz 170-V Steyr 250 Volkswagen Type 82, 87, etc.
4	le Truppen-Luftschutz-Kw	light cc anti-aircraft carrier (dual MG)	le. Einheits-PKW
5	m gl Kessel-Kw	medium cc tanker	m. Einheits-PKW
11	m gl PKW	medium cc personnel carrier	m. Einheits-PKW
12	m gl PKW mit Zughaken	medium cc personnel carrier with towing hook (for 37mm ATG, 75mm IG, ammo trailers)	Adler 12N, 3-Gd Daimler-Benz 200, 260, 290, 320 Phänomen Granit 25 Wanderer W-11, W-23S
13	m gl gp PKW (MG)	early armored medium cc car (with one MG)	Adler Standard 6
14	m gl gp PKW (Funk)	early armored medium cc radio car (no armament)	
15	m gl PKW	medium cc personnel carrier	m. Einheits-PKW
15	m gl PKW mit Gerätkasten	medium cc carrier with equipment boxes	Auto Union / Horch 830-R
15/1	m gl Nachrichten-Kw	medium cc signals carriers	Daimler-Benz 340-WK, L1500A
15/1	m gl Fernsprech-Kw	medium cc telephone carrier	Horch 830-R, 830-BL
15/2	m gl Funk-Kw	medium cc radio carrier	Steyr 250
15/4	m gl Funk-Kw	medium cc radio carrier	Stoewer M-12-RW
15/5	m gl Funk-Kw	medium cc radio carrier	
15/6	m gl Funk-Kw	medium cc radio carrier	
15/7	m gl Funk-Kw	medium cc radio carrier	
17	m gl Fernschreibe-Kw	medium cc telex carrier	
16	m gl Meßstelle-Kw	medium cc calibration station carrier	
16	m gl Meßtrupp-Kw	medium cc calibration section carrier	
16/1	m gl Vorwarner-Kw	medium cc advanced warning section carrier	
17	kl Verstärker-Kw	small cc amplifier van	m. Einheits-PKW
17	kl Kabelmess-Kw	small cc wire calibration van	Auto Union / Horch 830-R
17	kl Fernsprechbetriebs-Kw	small cc telephone operations van	
17/1	kl Funktrupp-Kw	small cc radio section van	
17/2	kl Fernsprechtrupp-Kw	small cc telephone section van	
17/3	kl Funk-Kw	small cc radio van	
18	s gl PKW	heavy cc personnel carrier	m. Einheits-PKW
18	Gefechts-Kw (mit Gerätkasten & Zughaken)	heavy cc carrier (combat) (with equipment boxes and towing hook)	s. Einheits-PKW Daimler-Benz 200, L1500A Wanderer W 11, W 14
19	Fernsprechbetriebs-Kw	cc telephone exchange van	Krupp L2H-43, Krupp L2H-143
	Fernsprech-Kw	cc telephone van	
	Funk-Kw	cc radio van	
21	s gl PKW (Kommandeurwagen)	heavy cc staff car (sedan or cabrio)	Daimler-Benz G-4 Krupp L2H-143 Cabrio Steyr 640, 1500A Praga Skoda
23	Fernsprech-Kw	cc telephone equipment van	s. Einheits-PKW
24	Verstärker-Kw	cc amplifier equipment van	
31	Sanitäts-Kw (‘Sanka’) [also: Kranken-Kw (‘KrKw’)]	cc ambulance van	s. Einheits-PKW Phänomen Granit 25H Steyr 640, 1500A Adler W-61K Daimler-Benz L1000, L1500E Ford G917, G987, 997, V3000S, V3000A
42	Sammler-Kw	generator / accumulator / battery van	Krupp L3-M42
	Sammlerwerkstatt-Kw	generator repair van	m. LKW (o.)
	Nachrichtenwerkstatt-Kw	signals repair van	
	Werkstatt-Kw	workshop van	
43	Flakauswert-Kw	anti-aircraft evaluation van	
44	Sauer- und Stickstoff-Erzeugungs-Kw	Oxygen and Nitrogen generation van	
51	Werkstatt-Kw	workshop van	m. LKW (o.) s. LKW (o.)

NOTES:

The early armored cars (*Kraftfahrzeug 13* and *14*) were obviously not soft-skinned vehicles. It is not clear why they were included within this listing and not in the special military motor vehicle (*Sonderkraftfahrzeug*) listing.

GERMAN NUMBERED MOTORIZED SOFT-SKINNED VEHICLES

Kfz.	German Nomenclature	Description	Makes & Models
61	gr Nachrichten-Kw gr Schlüssel-Kw gr Funk-Kw gr Funkbetriebs-Kw gr Fernsprechbetriebs-Kw gr Fernschreib-Kw gr Verstärker-Kw gr Peil-Kw gr Meßtrupp-Kw	large cc signal van large cc code van large cc radio van large cc radio operations van large cc telephone operations van large cc telex van large cc amplifier van large cc sound-ranging equipment van large cc calibration section van	Einheits-Diesel Daimler-Benz G-3a, LG 3000 Büssing-NAG G-31, G500A, G500S, 4500S, 4500A Magirus M-206, M-30, S3000, A3000 Borgward G.W., B3000S, B3000A
61/1	gr Funk-Kw	large cc radio van	
62	gr Nachrichten-Kw gr Fernsprechbetriebs-Kw gr Funk-Kw gr Wetter-Kw gr Druckerei-Kw gr Schall-Aufnahme-Kw gr Schall-Auswertungs-Kw gr Vermessung-Auswertungs-Kw gr Licht-Auswertungs-Kw gr Stabs-Auswertungs-Kw	large cc signals van large cc telephone operations van large cc radio van large cc weather van large cc printing van large cc sound recording van large cc sound evaluation van large cc calibration evaluation van large cc flash evaluation van large cc evaluation command van	
63	gr Nachrichten-Kw gr Meß-Stellen- und Gerät-Kw gr Vermessungs-Gerät-Kw gr Lichtmeß-Stellen-Kw gr Lichtmeß-Gerät-Kw gr Schallmeß-Stellen-Kw gr Schallmeß-Gerät-Kw gr Vorwarner-Kw gr Vermessungsgerät-Kw	large cc signals van large cc calibration station and equipment van large cc calibration equipment van large cc flash ranging station van large cc flash ranging equipment van large cc sound ranging station van large cc sound ranging equipment van large cc advanced warning equipment van large cc calibration equipment van	
64	Funkmast-Kw Fernsprech-Kw	cc radio antenna van cc telephone carrier	Einheits-Diesel Krupp L2H-43, L2H-143 Magirus M-206 Opel Blitz A
68/1	Funkmast-Kw	cc radio antenna van	
69	Protz-Kw	cc prime-mover for light guns	s. Einheits-PKW
70	Mannschafts-Kw	cc personnel carrier	Krupp L2H-43, L2H-143
71	Truppen-Luftschutz-Kw s Truppenluftschutz-Kw	cc anti-aircraft carrier heavy cc anti-aircraft carrier	Mercedes-Benz L1500A
72	Fernsprechbetriebs-Kw Fernsprech-Vermittlungs-Kw Fernschreib-Kw Fernschreib-Vermittlungs-Kw Verstärker-Kw Funk-Kw (a & b) Funkbetriebs-Kw Funkhorch-Kw Befehls-Kw Druckerei-Kw m Wetter-Kw	cc telephone operations van cc telephone exchange van cc telex van cc telex exchange van cc amplifier van cc radio van cc radio operations van cc radio interception van cc command van cc printing van cc weather van	Henschel 33-D1 Magirus 33-G1 Krupp L3H-63, L3H-163 Büssing-NAG III GL6
72/1	Fernschreib-Kw	cc telex van	
74	Flak-Meßtrupp-Kw I & II	cc anti-aircraft calibration section van	
76	Beobachtungs-Kw	cc observation carrier	Daimler-Benz G-3a
77	Feldkabel-Kw Fernsprech-Kw Fernsprechbau-Kw	cc field cable carrier cc telephone carrier cc telephone construction carrier	Büssing-NAG G-31 Magirus M-206
79	Werkstatt-Kw	cc workshop van	Henschel 33-D1 Magirus 33-G1 Krupp L3H-63, L3H-163
81	le Flak-Kw	cc prime-mover for light anti-aircraft guns	s. Einheits-PKW
83	le Scheinwerfer-Kw I & II	cc prime-mover for light searchlights, with generator	Krupp L2H-42, L2H-143
92	Mannschaft-Entgiftungs-Kw	cc personnel decontamination van	Henschel 33-D1, 33-G1
93	Bekleidungs-Entgiftungs-Kw	cc clothing decontamination van	
94	Wasser-Kw (Kessel)	cc decontamination van (hot water shower)	
95	Kammer-Kw	unit stores van	m. LKW (o.)
100	Drehkran 3 – 5 ton	3 – 5-ton revolving crane on cc carrier	s. gl. LKW (4,5-ton)

Abbreviations and Definitions:

“Carrier”	indicates an open vehicle, covered by a canvas top.
“Truck”	indicates a cargo vehicle with an open payload area, covered by a canvas top.
“Van”	indicates a cargo vehicle with a fully or partially enclosed payload area (body).
“Prime-Mover”	indicates a vehicle for towing equipment, usually modified and adapted for that equipment.
“Sedan”	indicates a passenger vehicle (car) with a closed body.
“Cabrio”	indicates an open passenger vehicle (car) covered by a canvas top.
“cc”	indicates a vehicle with cross-country capability.

A	<i>Allrad</i> : all-wheel-drive version. (Makers identification).
S	<i>Steuerermässigt</i> : (taxed reduced) qualified for 33% motor vehicle tax reduction, introduced as incentive to increase demand for off-road capable trucks.
(o.)	<i>(ohne handelsüblich)</i> : commercial vehicle.
Kfz.	<i>Kraftfahrzeug</i> : commercially available chassis and drive train with military body.
Sd.Kfz.	<i>Sonderkraftfahrzeug</i> : specially military body and chassis.
le. / lei.	<i>leicht</i> : light
m.	<i>mittler</i> : medium
s.	<i>schwer</i> : heavy
LKW	<i>Lastkraftwagen</i> : load (cargo) motor vehicle (truck or van)
PKW	<i>Personenkraftwagen</i> : personnel (passenger) motor vehicle (car)
gl.	<i>geländegängig</i> : cross-country
Kw.	<i>Kraftwagen</i> : motor vehicle
kl.	<i>klein</i> : small/light
gr.	<i>gross</i> : large/heavy
gp.	<i>gepanzert</i> : armored
wg.	<i>wassergängig</i> : amphibious
schw.	<i>schwimmfähig</i> : amphibious (alternate)

GERMAN SPECIAL MILITARY VEHICLES

Sd.Kfz. No.	German Designation « German Abbreviation »	Description Main Armament [Ammunition carried]
2	Kleines Kettenrad « KK »	0.5-ton light halftrack n/a
2/1	Kleines Kettenrad (Feldfern-kabel) « KK (FFK) »	0.5-ton halftrack with telephone cable n/a
2/2	Kleines Kettenrad (schwere Feldfern-kabel) « KK (s. FFK) »	0.5-ton halftrack with heavy telephone cable n/a
3	Gleisketten-Lastkraftwagen 2-ton (Maultier) « 2-ton Maultier »	halftracked 2-ton truck n/a
3/4	Gleisketten-Lastkraftwagen 2-ton (Maultier) (Krankenwagen) « 2-ton Maultier (KrKw) »	halftracked 2-ton ambulance n/a
3/5	Gleisketten-Lastkraftwagen 4.5-ton (Maultier) « 4.5-ton Maultier »	halftracked 4.5-ton truck n/a
4	Gleisketten-Lastkraftwagen 3-ton (Maultier) gepanzert (Munitionskraftwagen) « gep. Maultier (muni) »	armored halftracked truck for ammunition transport [transports 20 150mm rockets]
4/1	15cm Panzerwerfer 43 « Pz.Werf. 43 »	armored halftracked truck with rocket launcher 150mm rocket launcher (10 tubes) [20]
6	mittlerer Zugkraftwagen 5-ton (Pionier-Ausführung) « m. Zgkw. 5t (Pion. Ausf.) »	5-ton halftrack (engineer version) n/a
6/1	mittlerer Zugkraftwagen 5-ton (Artillerie-Ausführung) « m. Zgkw. 5t (Artl. Ausf.) »	5-ton halftrack (artillery version) n/a
6/2	3,7cm Flak 36 auf Fahrgestell m. Zugkraftwagen 5-ton « 3,7cm Flak (Sfl) auf lei. Zgkw. 5 t »	self-propelled medium antiaircraft gun on 5-ton halftrack 37mm Flak 18 or 36 [?]
7	mittlerer Zugkraftwagen 8-ton « m. Zgkw. 8t »	8-ton halftrack n/a
7/1	2cm Flakvierling auf Fahrgestell mittlerer Zugkraftwagen 8-ton « 2cm Flakvierl. (Sf) auf Zgkw. 8t »	self-propelled light quad antiaircraft gun on 8-ton halftrack 20mm quad Flak38 L/112.5 [600]
7/2	3,7cm Flak 36 /Sfl) auf Fahrgestell mittlerer Zugkraftwagen 8-ton « 2cm Flakvierl. (Sf) auf Zgkw. 8t »	self-propelled antiaircraft gun on 8-ton halftrack 37mm Flak 36 L/98 [?]
7/6	mittlerer Zugkraftwagen 8-ton (Flakmess) « Zgkw. 8t Flak-Mess »	8-ton halftrack for antiaircraft calibration equipment n/a
8	schwerer Zugkraftwagen 12-ton « s. Zgkw. 12t »	12-ton halftrack n/a
8	8,8cm Flak (Sf) auf gepanzertem Zugkraftwagen 12-ton « 8,8cm Flak (Sf) auf gep. Zgkw. 12t »	self-propelled heavy antiaircraft gun on armored halftrack 88mm Flak L/56 [40]
9	schwerer Zugkraftwagen 18-ton « Zgkw. 18t »	18-ton halftrack n/a
9/1	schwerer Drehkranwagen (Hebekraft 6 ton) « s. Drehkran (6 t) »	18-ton halftrack with 6-ton revolving crane (manufactured by Bilstein) n/a
9/2	schwerer Drehkranwagen (Hebekraft 10 ton) « s. Drehkran (10 t) »	18-ton halftrack with 10-ton revolving crane (manufactured by Demag) n/a
10	leichter Zugkraftwagen 1-ton « lei. Zgkw. 1t »	1-ton halftrack n/a
10/1	leichter Gasspürwagen « lei. Zgkw. (Gas-Spür) »	1-ton halftrack, light gas detection vehicle with sprinkler n/a
10/2	leichter Entgiftungskraftwagen « lei. Zgkw. (Entg.) »	1-ton halftrack, light decontamination vehicle n/a
10/3	leichter Sprühkraftwagen « lei. Zgkw. (Sprüh) »	1-ton halftrack, light bulk decontamination vehicle n/a
10/4	2cm Flak (Sf) auf Fahrgestell leichter Zugkraftwagen 1-ton « 2cm Flak (Sf) auf lei. Zgkw. 1t »	self-propelled light antiaircraft gun on 1-ton halftrack 20mm Flak 30 L/112.5 [280]
10/5	2cm Flak (Sf) auf gepanzertem Fahrgestell leichter Zugkraftwagen 1-ton « 2cm Flak (Sf) auf gp. lei. Zgkw. 1t »	self-propelled light antiaircraft gun on armored 1-ton halftrack 20mm Flak 38 L/112.5 [280]
11	leichter Zugkraftwagen 3-ton « lei. Zgkw. 3t »	3-ton halftrack n/a
11/1	Nebelkraftwagen « m. Zgkw. (Nebel) »	3-ton halftrack for towing rocket launchers n/a [10,5cm Nbl.W. 35: 80 rockets; 15cm Nbl.W. 41: 36 rockets; 28/32cm Nebelwerfer 41: 12 rockets plus launching frames]
11/2	mittlerer Entgiftungskraftwagen « m. Zgkw. (Entg.) »	3-ton halftrack, medium decontamination vehicle n/a
11/3	mittlerer Sprühkraftwagen « m. Zgkw. (Sprüh) »	3-ton halftrack, medium chemical spraying vehicle (bulk decontamination) n/a

GERMAN SPECIAL MILITARY VEHICLES

Sd.Kfz. No.	---German Designation « German Abbreviation »	Description Main Armament [Ammunition carried]
11 /4	Nebelkraftwagen « m. Zgkw. (Nebel) »	3-ton halftrack for towing 15cm rocket launchers n/a [15cm Nbl.W. 41: 36 rockets; 21cm Nbl.W. 42: 10 rockets; 28/32cm Nebelwerfer 41: 4 rockets]
11 /5	Nebelkraftwagen « m. Zgkw. (Nebel) »	3-ton halftrack for towing 21cm rocket launchers n/a [15cm Nbl.W. 41: 36 rockets; 21cm Nbl.W. 42: 10 rockets]
35	Bergepanzer « Berge-Pz. »	armored recovery vehicle (T-34 or KV-I w/o turret) n/a
101	Panzerkampfwagen I « Pz. I »	light tank 2 MG 13 [1525 – 2250]
–	Panzerkampfwagen I, Ausf. F (n.A. verstärkt) « Pz. I, n.A. »	light tank, reinforced armor, Model F 2 MG 34 [2250]
–	4,7cm Pak(t)(Sf) auf Fahrgestell Panzerkampfwagen I « 4,7cm Pak(t) auf Pz-I; [also 4,7cm(t) (mot S)] »	self-propelled antitank gun on Pz-I chassis 47mm Pak(t) L/43.4 [86]
–	15cm sIG 33 auf Panzerkampfwagen I, Ausf. B « 15cm sIG33 auf Pz-I; [also 15cm sIG (mot S)] »	self-propelled heavy infantry gun on Pz-I chassis 150mm L/43.4 [?]
–	Pionier-Panzerwagen I « Pion-Pz. I »	Engineer vehicle (without turret) on Pz-I chassis n/a
111	Munitionsschlepper auf Fahrgestell Panzerkampfwagen I « Muni-Schlepper auf Pz-I »	armored ammunition carrier based on Pz-I chassis varied, depending upon ammunition type carried
121	Panzerkampfwagen II « Pz. II »	light tank 20mm KwK 30 L/55 [180]
122	Flamm-Panzer-II « Fl.Pz. II »	flame throwing tank on Pz-II basis [320 liters flame oil]
123	Panzerspähwagen II (Luchs 2cm) « lei. Pz-Späh. Wg. Luchs »	light, fully tracked recon tank on Pz-II basis 20mm KwK 38 L/55 [330]
123	Panzerspähwagen II (Luchs 5cm) « lei. Pz-Späh. Wg. Luchs »	light, fully tracked recon tank on Pz-II basis 50mm KwK L/60 [33]
124	lei. FH 18/2 Selbstfahrlafette auf Pz-II (Wespe) « Wespe »	self-propelled light field howitzer on Pz-II basis 105mm le FH 18/2 [32]
–	Munitions-Selbstfahrlafette auf Pz-II (Wespe) « Muni. Wespe »	armored ammunition carrier for Wespe on same chassis [transports 90 light field howitzer rounds]
–	Geschützwagen II für 15cm sIG « 15cm sIG (sfl) »	self-propelled heavy infantry gun 150mm L/43.4 [30]
–	Pionier-Panzerwagen II « Pion-Pz. II »	Engineer vehicle (without turret) on Pz-II chassis n/a
131	Panzer-Selbstfahrlafette für 7,5cm Pak 40/2 auf Fahrgestell Panzerkampfwagen II « Marder II; [also 7,5cm Pak 40 (Sf) auf Pz-II; also Pz Sf 2] »	self-propelled antitank gun on Pz-II chassis 75mm Pak L/43 [37]
132	Panzer-Selbstfahrlafette für 7,62cm Pak 36(r) auf Fahrgestell Panzerkampfwagen II « Marder II; [also 7,62cm Pak 36(r)(Sf) auf Pz-II; also Pz Sf 1] »	self-propelled antitank gun on Pz-II chassis (Models D and E) 76.2mm Pak(r) L/51.5 [30]
135	75mm Pak auf Lorraine-Schlepper (Marder I) « Marder I »	self-propelled heavy antitank gun on Lorraine basis 75mm s FH Pak 40/1 [?]
135 /1	s. FH 13/1 Selbstfahrlafette auf Lorraine-Schlepper « s.FH (sfl) auf Lorraine »	self-propelled heavy field howitzer on Lorraine basis 150mm s FH 13/1 [8]
–	Panzerkampfwagen 35 (t) « Pz-35(t) »	Czech medium tank (designation changed from LTM 35 on 16.01.40) 37mm A33 L/42 [72]
–	Panzerbefehlswagen 35 (t) « Pz-Bef-Wg 35(t) »	Czech medium command tank 37mm A33 L/42 [?]
–	Mörserwagen 35 (t) « Mörs.Wg. 35(t) »	tracked prime mover for heavy mortar on Czech medium tank basis n/a
–	Zugkraftwagen 35 (t) « Zgkw. 35(t) »	tracked prime mover based on Czech medium tank n/a
–	Panzerkampfwagen 38(t), Ausführung A–G « Pz-38(t) »	Czech medium tank (designation changed from LTM 38 on 16.01.40) 37mm A7 L/42 [90]
–	Panzerbefehlswagen 38(t) « Pz-Bef-Wg 38(t) »	Czech medium command tank 37mm A7 L/42 [?]
138	Panzerjäger 38(t), Ausf. H für 7,5cm Pak « Marder III »	self-propelled antitank gun on Pz-38(t) chassis 75mm Pak 40/3 L/48 [38]
138	Panzerjäger 38(t), Ausf. M für 7,5cm Pak « Marder III »	self-propelled antitank gun on Pz-38(t) chassis 75mm Pak 40/3 L/48 [27]
138	Munitionsfahrzeug für 15cm s.IG selbstfahrlafette « Muni. Fahrzeug für 15cm s.IG Sfl »	armored ammunition carrier for Bison on same chassis [transports 40 infantry gun rounds]

GERMAN SPECIAL MILITARY VEHICLES

Sd.Kfz. No.	German Designation « German Abbreviation »	Description Main Armament [Ammunition carried]
138 /1	s.IG auf Selbstfahrlafette 38(t) « s.IG (sfl) <i>Grille</i> »	self-propelled heavy infantry gun on Pz-38(t) chassis 150 sIG 33/1 L/11 [15]
138 /2	Jagdpanzer 38 « <i>Hetzer</i> »	light tank destroyer on Pz-38(t) basis 75mm Pak 39 L/48 [41]
–	Flammpanzer 38 « Flamm-Pz 38 »	flame tank based on <i>Hetzer</i> hull [700 liters flame oil]
–	Bergepanzer 38 « Berge-Pz 38 »	recovery tank based on <i>Hetzer</i> hull n/a
–	15cm schwerer Infanteriegeschütz 33/2 auf Jagdpanzer 38 « 15cm sIG 33/2 auf PzJg 38(t) »	self-propelled heavy infantry gun based on <i>Hetzer</i> hull 150mm sIG 33/2 [?]
139	Panzerjäger 38(t) für 7,62cm Pak 36(r) « <i>Marder III</i> »	self-propelled antitank gun on Pz-38(t) chassis 76.2mm Pak(r) L/51.5 [30]
140	Flakpanzer 38 « Flak-Pz-38 »	Self-propelled anti-aircraft gun based on Czech Pz-38(t) 20mm Flak 38 [540]
140 /1	Aufklärungspanzer 38(t) (2cm) « Aufkl-Pz-38(t) (2cm) »	Czech reconnaissance tank based on Pz-38(t) 20mm KwK 38 [108]
140 /1	Aufklärungspanzer 38(t) (7,5cm) « Aufkl-Pz-38(t) (7,5cm) »	Czech reconnaissance support tank based on Pz-38(t) 75mm KwK 37 L/24 [?]
141	Panzerkampfwagen III, Ausführung A – G « Pz. III (3,7cm) »	medium tank, Models A – G 37mm KwK 35/36 L/45 [120]
141	Panzerkampfwagen III, Ausführung H – J « Pz. III (5cm); [also Pz-III (kz)] »	medium tank, Models H – J 50mm KwK L/42 [99]
141 /1	Panzerkampfwagen III, Ausführung J – L « Pz. III (5cm); [also Pz-III (lg)] »	medium tank, Model J – L 50mm KwK L/60 [84 – 78]
141 /2	Panzerkampfwagen III, Ausf. M – N « Pz. III (7,5cm) »	medium tank, Models M – N 75mm KwK 37 L/24 [84 – 64]
141 /3	Flammpanzer III « Flamm-Pz. III »	medium flame-throwing tank [1020 liters flame oil]; MG [3750]
–	SturmInfanteriegeschütz 33B « St. Inf. Gesch. 33 »	self-propelled, armored heavy infantry gun on Sturmgeschütz basis 150mm Stu IG L/11 [30]
142	7,5cm Sturmgeschütz 40, Ausführung A – D « Sturmgeschütz III [also: Stu. Gesch. III] »	assault gun, Model A – D 75mm StuK 37 L/24 [44]
142	7,5cm Sturmgeschütz 40, Ausführung E « Sturmgeschütz III [also: Stu. Gesch. III] »	assault gun, Model E 75mm StuK 37 L/24 [50]
142	7,5cm Sturmgeschütz 40, Ausführung F « Sturmgeschütz III [also: Stu. Gesch. III] »	assault gun, Model F 75mm StuK 37 L/24 [44]
142 /1	7,5cm Sturmgeschütz 40, Ausführung F8 – G « Sturmgeschütz III [also: Stu. Gesch. III] »	assault gun, Model F8 – G 75mm StuK40 L/43 [54]
142 /2	7,5cm Sturmhaubitze, Ausführung F – G « Sturmhaubitze III [also: Stu. Haub. III] »	assault howitzer, Model F – G 105mm StuH 42 L/28 [36]
143	Panzer-Beobachtungswagen III « Pz. Beob. Pz. III »	armored artillery observation tank MG [2100]
161	Panzerkampfwagen IV, Ausführung A – F ₁ « Pz. IV [also: Pz-IV(kz)] »	medium tank, Models A – F ₁ 75mm KwK 37 L/24 [80]
161 /1	Panzerkampfwagen IV, Ausführung F ₂ – G « Pz. IV [also: Pz-IV(lg)] »	medium tank, Models F ₂ – G 75mm KwK 40 L/43 [87]
161 /2	Panzerkampfwagen IV, Ausführung H – J « Pz. IV [also: Pz-IV(lg)] »	medium tank, Models H – J 75mm KwK 40 L/48 [87]
161 /3	Flakpanzer-IV « Flak-Pz 3,7cm [<i>Ostwind</i>] »	anti-aircraft tank 37mm Flak 43 L/98 [400]
161 /4	Flakpanzer-IV « Flak-Pz 2cm-Vierling [<i>Wirbelwind</i>] »	anti-aircraft tank 20mm quad Flak 38 [1000]
–	Panzer-Flak Sfl IV « Pz-Flak IV [<i>Möbelwagen</i>] »	anti-aircraft tank 37mm Flak 43 L/98 [416]
162	7,5cm Pak 39 auf Fahrgestell Panzerkampfwagen IV « Jagdpanzer IV »	self-propelled heavy antitank gun on Pz-IV basis 75mm Pak 39 L/48 [79]
162 /1	7,5cm StuK 42 auf Fahrgestell Panzerkampfwagen IV, Ausführung A « Panzer-IV/70 (A) »	tank destroyer on Pz-IV basis 75mm StuK 42 L/70 [55]
162 /1	7,5cm StuK 42 auf Fahrgestell Panzerkampfwagen IV, Ausführung V « Panzer-IV/70 (V) »	tank destroyer on Pz-IV basis 75mm StuK 42 L/70 [55]

GERMAN SPECIAL MILITARY VEHICLES

Sd.Kfz. No.	German Designation « German Abbreviation »	Description Main Armament [Ammunition carried]
163	7,5cm Sturmgeschütz IV « Sturmgeschütz IV [also: StuG IV] »	assault gun based on Pz-IV 75mm StuK40 L/48 [63]
164	8,8cm Pak 43/1 auf Fahrgestell Panzerkampfwagen III/IV (Hornisse) « Hornisse; [as of 1944: Nashorn] »	self-propelled heavy antitank gun on mixed Pz-III/IV basis 88mm Pak 43/1 L/71 [40]
165	s. Panzerhaubitze 18/1 auf Fahrgestell III/IV (Hummel) « Hummel »	self-propelled heavy field howitzer on mixed Pz-III/IV basis 150mm sFH 18/1 [18]
–	Munitionsfahrzeug für 15cm s. IG selbstfahrlafette « Muni. Fahrzeug für 15cm s.IG Sfl »	armored ammunition carrier for Hummel on same chassis [transports 60 heavy field howitzer rounds]
165 /1	leichte Feldhaubitze (Sfl)/Geschützwagen IVb « leFH (sfl) »	self-propelled light field howitzer on Pz-IV basis 105mm leFH 18/1 [60]
166	s. IG auf Panzerkampfwagen-IV Fahrgestell (Sturmpanzer) « Stu-Pz IV [aka <i>Brummbär</i>] »	armored, self-propelled heavy infantry gun on Pz-IV chassis 150mm StuH 43 L/12 [38]
–	10,5cm Kanone 18 auf Panzer-Selbstfahrlafette IVa « 10,5cm K18 auf Pz-Sfl IVa »	self-propelled gun on Pz-IV chassis 105mm StuK 18/1 L/52 [25]
171	Panzerkampfwagen V (Panther), Ausführung D, A « Panther »	medium tank, Models D and A 75mm KwK 42 L/70 [79]
171	Panzerkampfwagen V (Panther), Ausführung G « Panther »	medium tank, Models G 75mm KwK 42 L/70 [82]
173	Jagdpanzer V « Jagdpanther »	tank destroyer on <i>Panther</i> basis 88mm Pak 43/3 L/71 [57]
179	Bergepanther « Berge-Pz-V »	armored recovery vehicle on <i>Panther</i> basis 20mm KwK 38 [?]
181	Panzerkampfwagen VI (Tiger I), Ausführung E « Tiger I »	heavy tank, Model E 88mm KwK 36 L/56 [92]
–	Panzer-Mörser 38cm auf VI (Tiger) « Sturmiger »	self-propelled heavy rocket launcher on Pz-VI(I) chassis 380mm rocket launcher [12]
182	Panzerkampfwagen VI (Tiger II), Ausführung B « Tiger II [aka <i>Königtiger</i>] »	heavy tank 88mm KwK 43 L/71 [72–84]
184	Panzerjäger Tiger (P) für 8,8cm Pak 43 (Ferdinand) « Ferdinand; [later <i>Elefant</i>] »	self-propelled, heavy antitank gun on prototype Pz-VI chassis 88mm StuK 43/1 L/71 [55]
186	schwere Panzerjäger, Ausführung B « Jagdtiger »	heavy tank destroyer 128mm Pak 44 L/55 [40]
221	leichter Panzerspähwagen (MG) « lei. Pz-Späh. Wg. (MG) »	light armored car (4x4) MG [1020]
221	leichter Panzerspähwagen (schwere Panzerbüchse 41) « le. Pz-Späh. Wg. (sPzBü 41) »	light armored car (4x4) 28mm sPzBü 41 [180]
222	leichter Panzerspähwagen (2cm) « le. Pz-Späh. Wg. (2cm) »	light armored car (4x4) 20mm KwK 38 L/55 [180]
223	leichter Panzerspähwagen (Funk) « le. Pz-Späh. Wg. (Fu) »	light armored radio car (4x4) MG [1050]
231	schwerer Panzerspähwagen (2cm)(6-Rad) « s. Pz-Späh. Wg. (2cm) »	heavy armored car (6x4) 20mm KwK 30 L/55 [200]
232	schwerer Panzerspähwagen (Funk)(6-Rad) « s. Pz-Späh. Wg. (Fu) »	heavy armored radio car (6x4) 20mm KwK 30 L/55 [200]
231	schwerer Panzerspähwagen (2cm)(8-Rad) « s. Pz-Späh. Wg. (2cm) 8-Rad »	heavy armored car (8x8) 20mm KwK 30 L/55 [180]
232	schwerer Panzerspähwagen (Funk)(8-Rad) « s. Pz-Späh. Wg. (Fu) 8-Rad »	heavy armored radio car (8x8) 20mm KwK 30 L/55 [180]
233	schwerer Panzerspähwagen (7,5cm)(8-Rad) « s. Pz-Späh. Wg. (7,5cm) 8-Rad »	heavy armored radio car (8x8) 75mm StuK 37 L/24 [32]
234 /1	schwerer Panzerspähwagen (2cm) « Pz-Späh. Wg. (2cm) »	heavy armored car (8x8) 20mm KwK 30 L/55 [250]
234 /2	schwerer Panzerspähwagen (5cm) « Pz-Späh. Wg. (2cm) [aka <i>Puma</i>] »	heavy armored car (8x8) 50mm KwK 39/1 L/60 [55]
234 /3	schwerer Panzerspähwagen (7,5cm) « Pz-Späh. Wg. (7,5cm) »	heavy armored car (8x8) 75mm K-51 L/24 [50]
234 /4	schwerer Panzerspähwagen (7,5cm Pak) « Pz-Späh. Wg. (7,5cm Pak) »	heavy armored car (8x8) 75mm Pak 40 [12]
247	schwerer geländegängiger gepanzerter Personenkraftwagen (4-Rad) « s. gl. gep. PKW »	heavy armored staff car (4x4) n/a
247	schwerer geländegängiger gepanzerter Personenkraftwagen (6-Rad) « s. gl. gep. PKW »	heavy armored staff car (6x4) n/a

GERMAN SPECIAL MILITARY VEHICLES

Sd.Kfz. No.	German Designation « German Abbreviation »	Description Main Armament [Ammunition carried]
250 /1	leichter Schützenpanzerwagen « le. SPW »	light armored halftrack, personnel carrier MG [2010]
250 /1	leichter Schützenpanzerwagen « le. SPW »	light armored halftrack, heavy machine gun section carrier MG [2010]
250 /2	leichter Fernsprechpanzerwagen « le. Fe. Pzgw. »	light armored halftrack, telephone & wire carrier MG [1100]
250 /3	leichter Funkpanzerwagen « le. Fu. Pzgw. »	light armored halftrack, radio carrier MG [1100]
250 /4	leichter Beobachtungs-Panzerwagen « le. Beob. Pzgw. »	light armored halftrack, observation vehicle MG [1100]
250 /5	leichter Beobachtungspanzerwagen « le. Beob. Pzgw. »	light armored halftrack, observation vehicle MG [2010]
250 /5	leichter Aufklärungspanzerwagen « le. Beob. Pzgw. »	light armored halftrack, reconnaissance vehicle MG [2010]
250 /6	leichter Munitionspanzerwagen « le. Muni. Pzgw. »	light armored halftrack, ammunition carrier MG [1100] [transports 70 L/24 or 60 L/43 rounds]
250 /7(I)	leichter Schützenpanzerwagen (schwere Granatwerfer) « le. SPW (Gr Wfr) »	light armored halftrack, mortar carrier 81mm mortar [42]
250 /7(II)	leichter Schützenpanzerwagen (Munitionsfahrzeug) « le. SPW (Muni) »	light armored halftrack, 81mm mortar ammunition carrier MG [2010] [transports 66 mortar rounds]
250 /8	leichter Kanonenpanzerwagen (7,5cm) « le. SPW (2cm) »	light armored halftrack, support vehicle 75mm KwK 51 L/24 [20]
250 /9	leichter Schützenpanzerwagen (2cm) « le. SPW (2cm) »	light armored halftrack, reconnaissance vehicle 20mm KwK 38 [100]
250 /10	leichter Schützenpanzerwagen (3,7cm Pak) « le. SPW (3,7cm) »	light armored halftrack, Platoon Leader vehicle 37mm Pak L/45 [216]
250 /11	leichter Schützenpanzerwagen (schwere Panzerbüchse 41) « le. SPW (sPzBü 41) »	light armored halftrack, Platoon Leader vehicle 28mm PzBü 41 [168]
250 /11	leichter Messtrupp-Auswertungs-Panzerwagen « le. Mess-Trupp-Pzgw. »	light armored halftrack, Calibration Section vehicle MG [1040]
251 /1	mittlerer Schützenpanzerwagen « m. SPW »	medium armored halftrack, personnel carrier MG [2010]
251 /2	mittlerer Schützenpanzerwagen (Granatwerfer) « m. SPW (Gr Wfr) »	medium armored halftrack, mortar carrier 81mm mortar [66]
251 /3	mittlerer Funkpanzerwagen « m. Fu. Pzgw. »	medium armored halftrack, radio carrier MG [2010]
251 /4	mittlerer Schützenpanzerwagen (Infanteriegeschütz) « m. SPW (IG) »	medium armored halftrack, light IG prime-mover MG [1100] [transports 120 rounds of 75mm ammo]
251 /5	mittlerer Pionierpanzerwagen « m. Pion. Pzgw. »	medium armored halftrack, engineer vehicle MG [4800]
251 /6	mittlerer Kommandopanzerwagen « m. Pion. Pzgw. »	medium armored halftrack, command vehicle MG [1100]
251 /7	mittlerer Pionierpanzerwagen « m. Pion. Pzgw. »	medium armored halftrack, engineer vehicle MG [4800]
251 /8	mittlerer Krankenpanzerwagen « m. Kranken-Pzgw. »	medium armored halftrack, ambulance n/a
251 /9	mittlerer Schützenpanzerwagen (7,5cm) « m. SPW (7,5cm) »	medium armored halftrack, self-propelled light gun 75mm KwK 37 L/24 [32]
251 /10	mittlerer Schützenpanzerwagen (3,7cm Pak) « m. SPW (3,7cm) »	medium armored halftrack, Platoon Leader vehicle 37mm Pak L/45 [168]
251 /10	mittlerer Schützenpanzerwagen (sPzBü) « m. SPW (sPzBü) »	medium armored halftrack, Platoon Leader vehicle 28mm sPzBü 41 L/28/20 [168]
251 /11	mittlerer Fernsprech-Panzerwagen « m. SPW (Fe) »	medium armored halftrack, telephone cable-laying vehicle MG [1100]
251 /12	mittlerer Meßtrupp- und Gerät-Panzerwagen « m. Meßtrupp Pzgw. »	medium armored halftrack, Calibration Section equipment vehicle MG [1100]
251 /13	mittlerer Schallaufnahme-Panzerwagen « m. Schall-Aufnahme-Pzgw. »	medium armored halftrack, sound recording vehicle MG [1100]
251 /14	mittlerer Schallauswerte-Panzerwagen « m. Schall-Auswerte-Pzgw. »	medium armored halftrack, sound ranging vehicle MG [1100]

GERMAN SPECIAL MILITARY VEHICLES

Sd.Kfz. No.	German Designation « German Abbreviation »	Description Main Armament [Ammunition carried]
251 /15	mittlerer Lichtauswerte-Panzerwagen « m. Licht-Auswerte-Pzwg. »	medium armored halftrack, sound flash ranging vehicle MG [1100]
251 /16	mittlerer Flamm-Panzerwagen « m. SPW (Flamm) »	medium armored halftrack, with 2 pivoted flame throwers 80 bursts of 2 – 3 seconds (700 liters flame oil); MG [2100]
251 /17	mittlerer Flak-Panzerwagen « m. SPW (2cm) »	medium armored halftrack, self-propelled light anti-aircraft gun 20mm Flak 38 [600]
251 /18	mittlerer Beobachtungs-Panzerwagen « m. Beob.-Pzwg. »	medium armored halftrack, observation vehicle MG [1100]
251 /19	mittlerer Fernsprech.Betriebs-Panzerwagen « m. Fs.Betr.-Pzwg. »	medium armored halftrack, telephone operations vehicle MG [1100]
251 /20(I)	mittlerer Panzerwagen (Uhu) « m. Pzwg. (Uhu) »	medium armored halftrack, infrared projector vehicle MG [1100]
251 /20(II)	mittlerer Panzerwagen (Falke) « m. Pzwg. (Falke) »	medium armored halftrack, infrared viewer vehicle MG [1100]
251 /21	mittlerer Panzerwagen (MG 151/15 Drilling) « m. SPW (MG 1,5cm) »	medium armored halftrack, self-propelled light anti-aircraft gun 15mm triple MG 151/15 [3000]
251 /21	mittlerer Panzerwagen (MG 151/20 Drilling) « m. SPW (MG 2cm) »	medium armored halftrack, self-propelled light anti-aircraft gun 20mm triple MG 151/20 [3000]
251 /22	mittlerer Panzerwagen (7,5cm Pak) « m. SPW (7,5cm Pak) »	medium armored halftrack, self-propelled anti-tank gun 75mm Pak 40 L/48 [22]
251 /23	mittlerer Panzerwagen (2cm Flak) « m. SPW (2cm Flak) »	medium armored halftrack, self-propelled light anti-aircraft gun 20mm KwK 38 L/55 [180]
252	leichter gepanzerter Munitionswagen « le. gep. Muni-Wg. »	light armored halftrack, ammunition carrier MG [1020]
253	leichter gepanzerter Beobachtungswagen « le. gep. Beob. Wg. »	light armored halftrack, observation vehicle MG [1100]
254	mittlerer gepanzerter Beobachtungswagen « m. gep. Beob. Wg. »	medium armored wheeled/tracked observation vehicle MG [1100]
260	kleiner Panzerfunkwagen « kl. Pz. Fu. Wg. »	light armored radio car (4x4) n/a
261	kleiner Panzerfunkwagen « kl. Pz. Fu. Wg. »	light armored radio car (4x4) n/a
263	schwerer Panzerfunkwagen « s. Pz. Fu. Wg. »	heavy armored radio car (6x4) MG [1020]
266	Panzerbefehlswagen « gr. Pz-Bef-Wg. »	command tank based on Pz-III, Pz-IV, Pz-V, or Pz-VI MG [1500]
267	Panzerbefehlswagen « gr. Pz-Bef-Wg. »	command tank based on Pz-III, Pz-IV, Pz-V, or Pz-VI MG [1500]
268	Panzerbefehlswagen « gr. Pz-Bef-Wg. »	command tank based on Pz-III, Pz-IV, Pz-V, or Pz-VI MG [1500]
300	Minenräumwagen B-I & B-II « Minenräum-Wg. »	tracked mineclearing vehicle, Model B-I & B-II n/a
301	schwere Ladungsträger B-IV « B-IV »	tracked, remote-controlled demolition vehicle, Model B-IV n/a
302	Leichte Ladungsträger Goliath, Ausf. A « Goliath »	tracked, remote-controlled demolition vehicle, Model A (electric) n/a
303	Leichte Ladungsträger Goliath, Auf. B « Goliath »	tracked, remote-controlled demolition vehicle, Model B (gasoline) n/a
304	mittlere Ladungsträger « Springer »	tracked, remote-controlled demolition vehicle n/a

Notes:

For the sake of completeness, this list includes the unnumbered vehicles belonging to the same family of vehicles.

GERMAN SPECIAL MILITARY TRAILERS AND MILITARY TRAILERS

German Trailers

Besides the numbered trailers listed below, there were also trailers without numbers. These were identified by load factor, number of axles, open or covered, and/or purpose. Furthermore, upon mobilization, the German military requisitioned trailers from the civilian sector. These trailers were strictly for use by road-bound units, and only found in rear-echelon units where they provided a valuable increase in transportation capacity. There were even trailers built specifically for towing horse drawn equipment with motor vehicles.

A few military horse-drawn vehicles (wagons and carts) were modified for towing by motor vehicles by the addition of wheel and parking brakes, rubber-rimmed or even pneumatic tires, rear lights, and towing arrangements.

Some horse-drawn wagon and carts were issued with towing bars allowing them to be towed by motor vehicles.

It was not unusual, specially in the non-motorized units, that unmodified horse-drawn vehicles be towed by motor vehicles. Naturally at comparatively low speeds.

Although many combat units had trailers for guns, ammunition, components of heavy guns, generators, bridging equipment, etc., convoy speed of all vehicles was reduced when towing trailer, and maneuverability was hampered off-road. However, the expense of motor vehicles made the use of trailers an attractive alternative.

<i>Sd.Anh.</i> – <i>Sonder Anhänger</i>	<i>Special Trailers with numbers</i>
Sd.Anh. 1 (1 Achsig) für kleines Kettenkrad	trailer (1 axle) for Kettenkrad
Sd.Anh. 1/1 (1 Achsig) für kleines Kettenkrad	trailer (1 axle) for Kettenkrad
Sd.Anh. 1/2 (1 Achsig) für kleines Kettenkrad für schweres Feldkabel	trailer (1 axle) for Kettenkrad, with heavy telephone field cable.
Sd.Anh. 3 (1 Achsig) für leichte Lasten	trailer (1 axle) for transporting light artillery guns (7,5cm leFK 16 and 10,5cm leFH 16)
Sd.Anh. 4 (1 Achsig) für mittlere und schwere Lasten	trailer (1 axle) for transporting medium and heavy artillery guns (15cm sFH 13)
Sd.Anh. 5 (1 Achsig) für Artilleriemunition	trailer (1 axle) for artillery ammunition
Sd.Anh. 7 (1 Achsig) für Munition (Nbl. Wfr.)	trailer (1 axle) for Nebelwerfer ammunition
Sd.Anh. 8 (1 Achsig) für Veterinärgerät	trailer (1 axle) for veterinary equipment
Sd.Anh. 11 (1 Achsig) für Entseuchung mit Brausevorrichtung	trailer (1 axle) for decontamination with showers
Sd.Anh. 13 (1 Achsig) für M-Boot (100 PS MB 41)	trailer (1 axle) for motorboat (100 HP Type MB 41)
Sd.Anh. 14 (1 Achsig) für Abschleppzwecke	trailer (1 axle) for motor vehicle towing and recovery
Sd.Anh. 15 (1 Achsig) für Fährseil	trailer (1 axle) for winch
Sd.Anh. 20 (1 Achsig) für Erdkabel	trailer (1 axle) for underground telephone cable
Sd.Anh. 21 (2 Achsig) für Fernsprechbau	trailer (1 axle) for telephone construction
Sd.Anh. 22 (1 Achsig) Azetylen-Erzeugeranhänger	trailer (1 axle) for generator for Acetylene gas
Sd.Anh. 23 (1 Achsig) für Sammlerladegerät D	trailer (1 axle) for Generator Type D for recharging batteries
Sd.Anh. 23/1 (1 Achsig) für Maschinensatz 220/65V; 4,5/1,3 Kw	trailer (1 axle) for Generator 220/65 Volt, 4.5/1.3 Kw
Sd.Anh. 24 (1 Achsig) für Maschinensatz I	trailer (1 axle) for Generator Type I
Sd.Anh. 24 (1 Achsig) für Maschinensatz A (Drehstrom 15k VA)	trailer (1 axle) for Generator Type A for 15k AC
Sd.Anh. 25 (1 Achsig) für Feldfernkabel	trailer (1 axle) for heavy telephone field cable
Sd.Anh. 25/1 (1 Achsig) für Maschinensatz F	trailer (1 axle) for Generator Type F
Sd.Anh. 25/2 (1 Achsig) für Nachrichtengerät	trailer (1 axle) for signal equipment
Sd.Anh. 25/3 (1 Achsig) Beleuchtungsanhänger N	trailer (1 axle) for Lighting Equipment Type N
Sd.Anh. 25/4 (1 Achsig) Nachschubanhänger	trailer (1 axle) for supply
Sd.Anh. 25/3 (1 Achsig) Beleuchtungsanhänger N	trailer (1 axle) for lighting equipment
Sd.Anh. 26 (1 Achsig) für Führungsfernkabel	trailer (1 axle) for command telephone heavy cable
Sd.Anh. 28 (1 Achsig) für Peilanhänger (für Peiltrupp (LMW))	trailer (1 axle) for direction finder of a Direction Finding Section
Sd.Anh. 29 (1 Achsig) für für gepanzerten Munitionsschlepper	trailer (1 axle) for ammunition (for armored ammunition carrier)
Sd.Anh. 30 (1 Achsig) Wassertankanhänger	trailer (1 axle) for water tank
Sd.Anh. 31 (1 Achsig) für Munition Type A	trailer (1 axle) for ammunition Type A
Sd.Anh. 31/1 (1 Achsig) für Munition (7,5cm Stuk 40)	trailer (1 axle) for ammunition for 7.5cm Assault Gun Model 40
Sd.Anh. 32 (1 Achsig) für Munition (3,7cm Pak)	trailer (1 axle) for ammunition for 3,7cm Antitank Gun
Sd.Anh. 32/1 (1 Achsig) für Munition (7,5cm)	trailer (1 axle) for ammunition for 7.5cm
Sd.Anh. 32/2 (1 Achsig) für Munition (s. Pz Bü 41)	trailer (1 axle) for ammunition for heavy antitank rifle Model 41
Sd.Anh. 32/3 (1 Achsig) für s. Pz Bü 41 auf leichte Feldlafette	trailer (1 axle) for heavy antitank rifle Model 41 on light field carriage
Sd.Anh. 33 (1 Achsig) für Nebelwerfermunition	trailer (1 axle) for ammunition (rocket launcher)
Sd.Anh. 34 (1 Achsig) für Entgiftungsanhänger	trailer (1 axle) for decontamination
Sd.Anh. 35 (1 Achsig) für Teigknetanhänger	trailer (1 axle) for dough mixer
Sd.Anh. 36 (1 Achsig) für leichten Ladungsschlepper	trailer (1 axle) for remote control vehicle (Goliath)
Sd.Anh. 40 (1 Achsig) Panzerbergeanker als Anhänger	trailer (1 axle) for tank recovery anchor
Sd.Anh. 46 (1 Achsig) schmalspurig	trailer (1 axle) with narrow wheel spacing
Sd.Anh. 51 (1 Achsig) Beleuchtungsanhänger (Vermessungstrupp (mot))	trailer (1 axle) for electricity generator in enclosed body for Calibration Detachment
Sd.Anh. 51 (1 Achsig) für 2cm Geschütz 30 mit Munition- und Zubehörkasten	trailer (1 axle) for 2cm antiaircraft gun Model 30 with ammo and equipment boxes
Sd.Anh. 51 (1 Achsig) für Scheinwerfer 60cm mit Zubehörkasten	trailer (1 axle) for 60cm antiaircraft searchlight with equipment boxes
Sd.Anh. 51 (1 Achsig) für 2cm Flak 38 mit Munition- und Zubehörkasten	trailer (1 axle) for 20mm antiaircraft gun Model 38 with ammo and equipment boxes
Sd.Anh. 52 (1 Achsig) für 2cm Flak Vierling 38/1 mit Munition- und Zubehörkasten	trailer (1 axle) for 2cm quad antiaircraft gun Model 38/1 with ammo and equipment boxes
Sd.Anh. 52 (1 Achsig) für 3,7cm Flak 36/37 mit Munition- und Zubehörkasten	trailer (1 axle) for 3.7cm antiaircraft gun Model 36/37 with ammo and equipment boxes
Sd.Anh. 52 (1 Achsig) für Kommando-Gerät 40	trailer (1 axle) for antiaircraft fire direction computer Model 40
Sd.Anh. 53 (1 Achsig) für Kommando-Hilfsgerät 35	trailer (1 axle) for antiaircraft auxiliary fire direction computer Model 35
Sd.Anh. 54 (1 Achsig) für Kinotheodolit für Flakmess-Auswerte-Zug	trailer (1 axle) for antiaircraft optical tracking computer for Calibration Evaluation Platoon
Sd.Anh. 55 (1 Achsig) für V-Messgerät Flak	trailer (1 axle) for antiaircraft muzzle velocity calibration equipment
Sd.Anh. 56 (1 Achsig) für 2cm Flak mit Munition- und Zubehörkasten	trailer (1 axle) for 2cm quad antiaircraft gun with ammo and equipment boxes
Sd.Anh. 56 (1 Achsig) für 2cm Flakvierling 38/1 mit Munition- und Zubehörkasten	trailer (1 axle) for 2cm quad antiaircraft gun Model 38/1 with ammo and equipment boxes
Sd.Anh. 57 (1 Achsig) für 3,7cm Flak mit Munition- und Zubehörkasten	trailer (1 axle) for 3.7cm antiaircraft gun with ammo and equipment boxes
Sd.Anh. 58 (1 Achsig) für 3,7cm Flak 43 mit Munition- und Zubehörkasten	trailer (1 axle) for 3.7cm antiaircraft gun Model 43 with ammo and equipment boxes
Sd.Anh. 58 (1 Achsig) für 3,7cm Flak 43/1 mit Munition- und Zubehörkasten	trailer (1 axle) for 3.7cm antiaircraft gun Model 43/1 with ammo and equipment boxes
Sd.Anh. 101 (2 Achsig) für Flakhorchgerät	trailer (2 axle) for antiaircraft sound tracking equipment
Sd.Anh. 101 (2 Achsig) für mittleren Flak-Maschinensatz	trailer (2 axle) for antiaircraft generator for sound tracking equipment
Sd.Anh. 102 (2 Achsig) für Flak-Scheinwerfer 110cm	trailer (2 axle) for antiaircraft searchlight (110cm)
Sd.Anh. 102 (2 Achsig) für Flak-Maschinensatz	trailer (2 axle) for antiaircraft generator for searchlight (110cm)
Sd.Anh. 103 (2 Achsig) für mittlere und schwere Lasten	trailer (2 axle) for medium and heavy cargo
Sd.Anh. 104 (2 Achsig) für 150cm Flak-Scheinwerfer	trailer (2 axle) for 150cm antiaircraft searchlight
Sd.Anh. 104 (2 Achsig) für Maschinensatz 24 Kw für 150cm Flak-Scheinwerfer	trailer (2 axle) for generator Model 24Kw for 150cm antiaircraft searchlight
Sd.Anh. 104 (2 Achsig) für Sperrballonwinde	trailer (2 axle) for winch for antiaircraft barrage balloon
Sd.Anh. 104 (2 Achsig) für Funkmessgerät 39 TD	trailer (2 axle) for antiaircraft radar Model 39TD
Sd.Anh. 104 (2 Achsig) für 3,7cm Flak 18	trailer (2 axle) for 3.7cm antiaircraft gun Model 18
Sd.Anh. 104 (2 Achsig) für Kommandogerät 36	trailer (2 axle) for antiaircraft fire direction computer Model 36
Sd.Anh. 104 (2 Achsig) für Richting-Richtungshörer (RRH)	trailer (2 axle) for antiaircraft sound tracking equipment
Sd.Anh. 105 (2 Achsig) Backanhänger	trailer (2 axle) for baking oven
Sd.Anh. 106 (2 Achsig) Backanhänger	trailer (2 axle) for baking oven
Sd.Anh. 107 (2 Achsig) Grosskühlbehälteranhänger	trailer (2 axle) for refrigeration
Sd.Anh. 108 (2 Achsig) für S-Boot (Pionier-Strumboot 39)	trailer (2 axle) for three assault boats (Engineer Assault Boat Model 39)
Sd.Anh. 109 (2 Achsig) leichter Vermessungsanhänger	trailer (2 axle) for light calibration equipment
Sd.Anh. 109/1 (2 Achsig) leichte Kartendruck-Anhänger	trailer (2 axle) light workshop for map printing

GERMAN SPECIAL MILITARY TRAILERS AND MILITARY TRAILERS

Sd.Anh.	109/2	(2 Achsig) leichte Kartenzeichner-Anhänger	trailer (2 axle) for cartographer
Sd.Anh.	109/3	(2 Achsig) Bildstellen-Anhänger	trailer (2 axle) for photographs
Sd.Anh.	109/4	(2 Achsig) Bildmess-Anhänger	trailer (2 axle) for photogrammetry
Sd.Anh.	109/5	(2 Achsig) Bildkartei-Anhänger	trailer (2 axle) for photo storage
Sd.Anh.	109/6	(2 Achsig) Dunkelkammer-Anhänger	trailer (2 axle) as dark room
Sd.Anh.	109/7	(2 Achsig) Vermessungs-Anhänger	trailer (2 axle) survey workshop
Sd.Anh.	109/8	(2 Achsig) Werkstattanhänger für Feinmechanik	trailer (2 axle) workshop for precision instrument repair
Sd.Anh.	109/9	(2 Achsig) Buchbinder-Anhänger	trailer (2 axle) workshop for book binding
Sd.Anh.	109/10	(2 Achsig) leichter Kartenreproduktions-Anhänger I	trailer (2 axle) light workshop for reproduction Type I
Sd.Anh.	109/11	(2 Achsig) leichter Kartenreproduktions-Anhänger II	trailer (2 axle) light workshop for reproduction Type II
Sd.Anh.	109/14	(2 Achsig) leichter Kopier-Anhänger	trailer (2 axle) light workshop for copying
Sd.Anh.	111	(2 Achsig) schwerer Vermessungsanhänger	trailer (2 axle) for heavy calibration equipment
Sd.Anh.	111/1	(2 Achsig) schwerer Reproduktions-Anhänger	trailer (2 axle) heavy workshop for reproduction
Sd.Anh.	111/3	(2 Achsig) schwerer Kartendruck-Anhänger	trailer (2 axle) heavy workshop for map printing
Sd.Anh.	113	(3 Achsig) für Langerät (8 ton)	trailer (3 axle) for cargo, long (8 ton)
Sd.Anh.	115	Tiefeladeanhänger für PzKfPwG 10–12 ton	trailer (2 axle) low boy (also: low bed) for armored vehicles (10 – 12 ton)
Sd.Anh.	116	Tiefeladeanhänger für PzKfPwG 22 ton	trailer (4 axle) low boy (also: low bed) for armored vehicles (22 ton)
Sd.Anh.	119	(2 Achsig) für 100 PS-Motorboot	trailer (2 axle) for motorboat (100 HP Type MB 41)
Sd.Anh.	120	(2 Achsig) für 250 PS-Motorboot	trailer (2 axle) for motorboat (250 HP Type MB 42)
Sd.Anh.	121	Tiefeladeanhänger für PzKfPwG 65 ton	trailer (6 axle) low boy (also: low bed) for armored vehicles (65 ton)
Sd.Anh.	127	(2 Achsig) Mastanhänger	trailer (2 axle) for mast antenna
Sd.Anh.	141	(2 Achsig) für Pionier-Landungs-Fahrzeug 20-ton	trailer (2 axle) for engineer landing vehicle (20ton)
Sd.Anh.	201	(2 Achsig) für 8,8cm Flak	trailer (2 axle) for 8.8cm antiaircraft gun
Sd.Anh.	202	(2 Achsig) für 8,8cm Flak 37/37	trailer (2 axle) for 8.8cm antiaircraft gun Model 36/38
Sd.Anh.	202	(2 Achsig) für 8,8cm Flak 41	trailer (2 axle) for 8.8cm antiaircraft gun Model 41
Sd.Anh.	203	(2 Achsig) für 10,5cm Flak 38/39	trailer (2 axle) for 10.5cm antiaircraft gun Model 38/39
Sd.Anh.	203	(2 Achsig) für Fahrgerüst für schwere 12,8cm Flak (o)	trailer (2 axle) for mobilizing the static, heavy 12.8cm antiaircraft gun
Sd.Anh.	203	(2 Achsig) Transportbrücke für 12,8cm Flak-Zwilling	trailer (2 axle) for 12.8cm twin antiaircraft gun
Sd.Anh.	204	(2 Achsig) für 5cm Flak 41	trailer (2 axle) for 5cm antiaircraft gun Model 41
Sd.Anh.	204	(2 Achsig) für 200cm Flak-Scheinwerfer	trailer (2 axle) for 200cm antiaircraft searchlight
Sd.Anh.	204	(2 Achsig) für Maschinensatz für 200cm Flak-Scheinwerfer	trailer (2 axle) for generator for 200cm antiaircraft searchlight
Sd.Anh.	204	(2 Achsig) für Maschinensatz 60 kW	trailer (2 axle) for generator Model 60Kw
Sd.Anh.	204	(2 Achsig) für Sperballonwinde	trailer (2 axle) for winch for barrage balloon
Sd.Anh.	205	(2 Achsig) Rohrwagen für 10,5cm Flak	trailer (2 axle) for barrel wagon for 10.5cm antiaircraft gun
Sd.Anh.	206	(2 Achsig) für 5,5cm Flak 58	trailer (2 axle) for 5.5cm antiaircraft gun Model 58
Sd.Anh.	206	(2 Achsig) für 3,7cm Flak-Zwilling 43	trailer (2 axle) for 3.7cm dual antiaircraft gun Model 43
Sd.Anh.	206	(2 Achsig) für 200cm Flak-Scheinwerfer 44	trailer (2 axle) for 200cm antiaircraft searchlight Model 44
Sd.Anh.	206	(2 Achsig) für Maschinensatz 120 kW	trailer (2 axle) for generator Model 120Kw
Sd.Anh.	206	(2 Achsig) für Funkmessgerät	trailer (2 axle) for antiaircraft radar
Sd.Anh.	206	(2 Achsig) für Flakrakete H3 117 "Schmetterling"	trailer (2 axle) for antiaircraft rocket Model Hs 117 "Schmetterling" (Butterfly)
Sd.Anh.	220	(4 Achsig) für Funkmessgerät	trailer (4 axle) for radar system
Sd.Anh.	220	(4 Achsig) für 12,8cm Flak 40/1	trailer (4 axle) for 12.8cm antiaircraft gun Model 40/1
Sd.Anh.	301	(1 Achsig) für Tankspritze	trailer (1 axle) for fire engine equipment (auxiliary for the fire engine)
Sd.Anh.	302	(1 Achsig) für Schlauchtender	trailer (1 axle) for mobile fire fighting (for independent operation)
Sd.Anh.	319	für Fla-Rakete "Wasserfall"	trailer for antiaircraft rocket "Wasserfall" (Waterfall)
Sd.Anh.	322	für A2 (o) 7,5-ton mit geschlossenem Aufbau	trailer for rocket A2 (o) with enclosed body (7.5 ton)
Sd.Anh.	322/2	für Landescheinwerfer (GI 1500)	trailer for 1500cm landing searchlight Model GI 1500
Sd.Anh.	322/3	für Landescheinwerfer (HgLl 1500)	trailer for 1500cm landing searchlight Model Hg LL 150
Sd.Anh.	350	für B2 (3-ton) (o) mit geschlossenem Aufbau	trailer B2 with enclosed body (civilian type)(3-ton)
Sd.Anh.	350/7	Fernsprechvermittlungs-Anhänger	telephone exchange trailer
Sd.Anh.	350/32	Leuchtfeueranhänger	generator trailer for airfield beacons
Sd.Anh.	350/33	Leuchtfeueranhänger	generator trailer for airfield beacons
Sd.Anh.	350/32	Prüf- und Wartungs-Anhänger für Bordfunk- und Peilgerät	trailer for maintenance and testing of aircraft radio and radar equipment
Sd.Anh.	350/43	Prüf- und Wartungs-Anhänger für Bordfunk- und Peilgerät	trailer for maintenance and testing of aircraft radio and radar equipment
Sd.Anh.	350/?	Anhänger B2 für Ladestation FR	trailer B2 with enclosed body (civilian type)(3-ton) for battery charger for V2 rocket units
Sd.Anh.	363	für B3 (4,5-ton) (o) mit geschlossenem Aufbau	trailer B3 with enclosed body (civilian type)(4.5-ton)
Sd.Anh.	363/1	für B3 (4,5-ton) (o) für Bildbearbeitung	trailer B3 with enclosed body (civilian type)(4.5-ton) for photograph production Type I
Sd.Anh.	363/2	für B3 (4,5-ton) (o) für Bildbearbeitung	trailer B3 with enclosed body (civilian type)(4.5-ton) for photograph production Type II
Sd.Anh.	401	(1 Achsig) Feldküche als Anhänger	trailer (1 axle) mobile field kitchen ("Gulaschkanone")
Sd.Anh.	422	(1 Achsig) Navigations-Funkpeilanhänger	trailer (1 axle) for direction finding equipment for navigation
Sd.Anh.	447	(2 Achsig) Navigations-Funkpeilanhänger	trailer (2 axle) for direction finding equipment for navigation
Sd.Anh.	450	(2 Achsig) Tragflächen 6 Meter	trailer (2 axle) for transporting wings (6 meters)
Sd.Anh.	451	(2 Achsig) Tragflächen 10 Meter	trailer (2 axle) for transporting wings (10 meters)
Sd.Anh.	450	(2 Achsig) Tragflächen 6 Meter	trailer (2 axle) for wings (6 meters)
Sd.Anh.	454	(2 Achsig) Flugbetriebsstoffkessel-Anhänger	trailer (2 axle) bowser for aircraft fuel
Sd.Anh.	458	(2 Achsig) Waffenabwurfgerät-Anhänger	trailer (2 axle) for bomb transport
Sd.Anh.	459	(2 Achsig) Waffenabwurfgerät-Anhänger	trailer (2 axle) for bomb transport
Sd.Anh.	469	(2 Achsig) Fernschreib-Anschlussanhänger	trailer (2 axle) with enclosed body for telephone switchboard
Sd.Anh.	470	(2 Achsig) Funkanhänger (Kurz- /Langwelle)	trailer (2 axle) with enclosed body for short and medium wave radio station
Sd.Anh.	471	(2 Achsig) Betriebs-Funkempfängeranhänger	trailer (2 axle) with enclosed body for radio receiver operation station
Sd.Anh.	472	(2 Achsig) leichter Leuchtfeueranhänger	trailer (2 axle) with enclosed body light generator for airfield beacons
Sd.Anh.	473	(2 Achsig) mittlerer Leuchtfeueranhänger	trailer (2 axle) with enclosed body medium generator for airfield beacons
Vsah.	= Versuchsanhänger	Experimental Trailers	
Vsah.	642	Tiefeladeanhänger für Panzerkampfwagen	medium tank transport trailer
Vsah.	654	Tiefeladeanhänger für Panzerkampfwagen	light tank transport trailer
Anhänger	Trailers without numbers	
(1 Achsig) Anhänger-Fahrgestell 900 kg		trailer (1 axle) chassis (900 kilos)	
(1 Achsig) Anhänger-Fahrgestell 1500 kg Baumuster 41		trailer (1 axle) chassis Model 41 (1500 kilos)	
(1 Achsig) Anhänger-Fahrgestell 1900 kg		trailer (1 axle) chassis (1900 kilos)	
(1 Achsig) Anhänger-Fahrgestell gl. 500 kg		trailer (1 axle) chassis cross-country capable (500 kilos)	
(1 Achsig) Anhänger-Fahrgestell gl. 900 kg		trailer (1 axle) chassis cross-country capable (900 kilos)	
(1 Achsig) Anhänger-Fahrgestell gl. 1500 kg		trailer (1 axle) chassis cross-country capable (1500 kilos)	
(1 Achsig) Anhänger-Fahrgestell gl. 2200 kg		trailer (1 axle) chassis cross-country capable (2200 kilos)	

GERMAN SPECIAL MILITARY TRAILERS AND MILITARY TRAILERS

(1 Achsig) Anhänger A1 (0,5 t), offen (o)	trailer (1 axle) Model A1, civilian type, open (500 kilos)
(1 Achsig) Anhänger A1 (0,5 t), offen (o) als Schlauchhaspel für Kfz. 346	trailer (1 axle) Model A1, civilian type, open (500 kilos), for hoses, towed by Kfz. 346
(1 Achsig) Anhänger mit geschlossenem Aufbau (o) für Eisenbahn-Pionier	trailer (1 axle) civilian type, enclosed, for Railroad Engineers
(1 Achsig) Anhänger mit geschlossenem Aufbau (o) für Kraftfahrzeug-Parkes	trailer (1 axle) civilian type, enclosed, for Motor Vehicle Parks
(1 Achsig) Anhänger gl. für Einheitsbehälter für Kraftstoff	trailer (1 axle) cross-country capable, for standard fuel cans ("Jerry cans")
(1 Achsig) Anhänger für 200-Liter Kraftstoff-Fass	trailer (1 axle) fuel barrel (200 liters)
(1 Achsig) Anhänger für 2x 200-Liter Kraftstoff-Fass	trailer (1 axle) 2 fuel barrels (each 200 liters)
(1 Achsig) Anhänger für Ladungswerfer	trailer (1 axle) for heavy spigot mortar of the engineers
(1 Achsig) Anhänger für M.S. Boot (handelsüblichen Gerät) der Pioniere	trailer (1 axle) for civilian motor boat used by the engineers
(1 Achsig) Anhänger mit Notstromaggregat 12kVA "Carfais" Diesel der Marine	trailer (1 axle) for diesel power generator "Carfais" for the Navy
(1 Achsig) Anhänger mit Notstromaggregat 12kVA "Fimag" Bezin der Marine	trailer (1 axle) for gasoline power generator "Fimag" for the Navy
(1 Achsig) Anhänger für schwere Panzerbüchse 41	trailer (1 axle) for heavy antitank rifle (PzBü 41)
(1 Achsig) Anhänger für Räudegaszellen	trailer (1 axle) for gas bottles (gas used against mangle)
(1 Achsig) Anhänger für Verschluss-Sachen der Vermessungs- und Karten-Einheiten	trailer (1 axle) enclosed, lockable, for confidential material of the surveying and mapping units
(1 Achsig) Anhänger offen (o) für Veterinärgerät für Pferdelaazrett	trailer (1 axle) civilian type, open, for veterinary equipment for veterinary hospital
(1 Achsig) Anhänger für V2-Abschussplattform	trailer (1 axle) for firing platform for V2 rocket units
(1 Achsig) Diesel-Eisbereiter als Anhänger	trailer (1 axle) for diesel powered ice maker
(1 Achsig) Brennschluss-Antennen-Anhänger für schiess Fernraketen-Batterien	trailer (1 axle) for antenna for establishing rocket-cutoff for V2 rocket units
(1 Achsig) Grosser Drucklufizerzeuger als Anhänger	trailer (1 axle) with large air compressor
(1 Achsig) Fallschirmjägerkarren als Anhänger für das Kettenkrad	cart (1 axle) for Kettenkrad for Fallschirmjäger (Parachute Infantry)
(1 Achsig) Grosse Feldküche als Anhänger	trailer (1 axle) for mobile large field kitchen range
(1 Achsig) Festungskabellötterkarren	cart (1 axle) for Fortress Signal Troops, with soldering and other equipment
(1 Achsig) Festungskabelmesskarren	cart (1 axle) for Fortress Signal Troops, with calibration and other equipment
(1 Achsig) schweren Grabenpflug (Entgiftungspflug) als Anhänger	trailer (1 axle) heavy plow, originally for decontamination, but also used for entrenching
(1 Achsig) Handkarren für leichten Ladungswerfer der Pioniere	hand cart (1 axle) for light spigot mortar of the engineers
(1 Achsig) kleiner Kabeltrommel-Anhänger für Fernraketen-Einheit	trailer (1 axle) for light cable drums for V2 rocket units
(1 Achsig) Leitstrahl-Antennen-Anhänger für FR-Einheit	trailer (1 axle) for guiding beam antenna for V2 rocket units
(1 Achsig) Leitstrahl-Kontroll-Anhänger für FR-Einheit	trailer (1 axle) for guiding beam instrumentation for V2 rocket units
(1 Achsig) Lichtbogen-Schweissmaschinensatz auf Anhängerfahrgestell 1500 t	trailer (1 axle) arch welding equipment on chassis Model 41 (1500 kilos)
(1 Achsig) Maschinensatz 110/220 V 24 Kw als Anhänger fahrbar	trailer (1 axle) generator (110/220 Volts, 24 kW)
(1 Achsig) Maschinensatz 220 V 6,5 Kw als Anhänger fahrbar	trailer (1 axle) generator (220 Volts, 6,5 kW)
(1 Achsig) Maschinensatz 220 V (Wechselstrom) 15/18 Kw A der Sanitätstruppe	trailer (1 axle) generator (220 Volts, AC, 15 kVA) for the Medical Troops
(1 Achsig) Maschinensatz 220/380 (Drehstrom) 36 Kw A als Anhänger fahrbar	trailer (1 axle) generator (220/380 Volts, DC, 36 kVA)
(1 Achsig) Motorspritze als Anhänger fahrbar (o)	trailer (1 axle) motor water pump (civilian type)
(1 Achsig) Anhänger leichter Sprühanhänger	trailer (1 axle) light decontamination spray unit
(1 Achsig) Tragkraftspritzen-Anhänger (Tsga 8)(Bauart 1937)	trailer (1 axle) fire fighting equipment, including a portable water pump Type Tsga 8/37
(1 Achsig) Tragkraftspritzen-Anhänger (Tsga 8)(Bauart 1939)	trailer (1 axle) fire fighting equipment, including a portable water pump Type Tsga 8/39
(1 Achsig) Tragkraftspritzen-Anhänger (o)	trailer (1 axle) fire fighting equipment, civilian type, including a portable water pump
(1 Achsig) Troganhänger für Entgiftungskraftwagen (Kfz. 305/112) des S.H.D.	trailer (1 axle) for decontamination van of the S.H.D. ("Sicherheits- und Hilfedienst")
(1 Achsig) T-Stoff- Vorwärmer-Anhänger für FR-Einheit	trailer (1 axle) for warming fuel (T-Staff= Hydrogensuperoxyd) for the V2 rocket units
(1 Achsig) Wasser-Anhänger 100 liter	trailer (1 axle) bowser for water (1000 liters)
(2 Achsig) Anhänger A2 Einheits-Anhänger 1 t offen (o)	trailer (2 axle) Standard Model A2, civilian type, open (1 ton)
(2 Achsig) Anhänger A2 als Schlauchhaspel für Schlauchkraftwagen (Kfz. 346)	trailer (2 axle) Standard Model A2, civilian type, open (1 ton), for hoses, towed by Kfz. 346
(2 Achsig) Anhänger B2 Einheits-Anhänger 3 t offen (o)	trailer (2 axle) Standard Model B2, civilian type, open (3 ton)
(2 Achsig) Anhänger B2 mit Maschinensatz 220/380 V Drehstrom 60 Kw A	trailer (2 axle) Standard Model B2, for generator (220/380 Volts, DC, 60 kVA)
(2 Achsig) Anhänger B3 Einheits-Anhänger 4,5 t offen (o)	trailer (2 axle) Standard Model B3, civilian type, open (4,5 ton)
(2 Achsig) Anhänger E5 Einheits-Anhänger 5 t offen (o)	trailer (2 axle) Standard Model E5, civilian type, open, (5 ton)
(2 Achsig) Anhänger E8 Einheits-Anhänger 8 t offen (o)	trailer (2 axle) Standard Model E8, civilian type, open, (8 ton)
(2 Achsig) Anhänger mit Anlage zum Nachfüllen des Sauerstoffbedarf von Kampfflugzeuge	trailer (2 axle) for filling Oxygen into fighter planes
(2 Achsig) Anhänger (Langholz) für 6 Auffahrtsschienen Brückengerät 1.Z.	trailer (2 axle) for 6 ramps of Type 1.Z. bridge (long pole equipment)
(2 Achsig) Anhänger mit mittlerer Betriebsstoffkesselanlage (o) der Luftwaffe	trailer (2 axle) with medium boiler tank for aviation fuel
(2 Achsig) Anhänger mit schwerer Betriebsstoffkesselanlage (o) der Luftwaffe	trailer (2 axle) with heavy boiler tank for aviation fuel
(2 Achsig) Anhänger mit Feldballonwinde 40 der Artillerie	trailer (2 axle) with winch for observation ballon Model 40 of the artillery
(2 Achsig) Anhänger mit Flakkommandogerät Hazemeyer der Marine	trailer (2 axle) with antiaircraft fire direction computer Model Hazemeyer
(2 Achsig) Anhänger mit 2cm-Flak auf Sockellafette	trailer (2 axle) for 2 cm antiaircraft gun Model 30 on pedestal base
(2 Achsig) Anhänger mit Kessel für Flüssigsauerstoff für Fernraketen	trailer (2 axle) with tank for Liquid Oxygen for V2 rocket units
(2 Achsig) Anhänger mit Kurbel mast 30m der Nachrichtentruppen	trailer (2 axle) with extendable antenna (30 meters) for the Signal Troops
(2 Achsig) Anhänger 1,5 t für Raupenschlepper Ost	trailer (2 axle) for Raupenschlepper Ost (1.5 ton)
(2 Achsig) Anhänger für Schleppboot 200 PS der Pioniere	trailer (2 axle) for towing boat (200 HP) of the Engineers
(2 Achsig) Anhänger schwimmfähig für Land-Wasser-Schlepper (Kässbohrer)	trailer (2 axle) for the amphibious truck ("LWS")(made by Kässbohrer)
(2 Achsig) Entgiftungsgeräte-Anhänger für den Entgiftungsgerätek. (Kfz. 305/12)	trailer (2 axle) for the decontamination equipment truck (Kfz. 305/12)
(2 Achsig) Kabeltrommel-Anhänger für FR-Einheiten	trailer (2 axle) for cable drums for V2 rocket units
(2 Achsig) Kfz. Werkstatt-Anhänger für FR-Einheiten	trailer (2 axle) with motor maintenance shop for V2 rocket units
(2 Achsig) Landebahn-Leuchtanhänger	trailer (2 axle) for runway lighting
(2 Achsig) Luftverdichter-Anhänger für FR-Einheiten	trailer (2 axle) for air compressor for V2 rockets
(2 Achsig) Omnibus-Anhänger (Käsebohrer Type P4 1939)	trailer (2 axle) for motor bus (bus Model P4 1939)(made by Käsebohrer)
(2 Achsig) Rohrwagen 40 für 12,8cm Flak 40	trailer (2 axle) for 12,8cm antiaircraft gun barrel
(2 Achsig) Sägevollgater auf Anhänger	trailer (2 axle) for mobile buzzsaw
(2 Achsig) Scheinwerfer-Transportwagen für Scheinwerfer G150 (alter Art)	trailer (2 axle) for 150cm searchlight Model G150 (old type)
(2 Achsig) Scheinwerfer-Transportwagen für Scheinwerfer G110	trailer (2 axle) for 110cm searchlight Model G110
(2 Achsig) Strabo-Kran 16t als Anhänger	trailer (2 axle) for 16 ton collapsible crane (made by Strabo)
(2 Achsig) Tragflächen-Transportanhänger a & b (Bauart 39)	trailer (2 axle) for transport of aircraft wings Type a and b, Model 39
(2 Achsig) V2 Transport-Anhänger Vidal	trailer (2 axle) for transporting a V2 rocket (made by Vidal)
(2 Achsig) Wasserstoffverdichter-Anhänger 41+42	trailer (2 axle) for Hydrogen compression Model 41+42
(2 Achsig) Wasserstoffentwickler-Anhänger 40+41	trailer (2 axle) for Hydrogen developing Model 40+41
(3 Achsig) Anhänger 8 t für 800 PS Motorboot 43	trailer (3 axle) (8 ton) for motor boat Model 53 (800 HP)
(3 Achsig) Anhänger offen (o) mit Nutzlast 11.000 kg	trailer (3 axle) cargo, civilian type, open (11 ton)
(3 Achsig) Anhänger mit 30-t Kran	trailer (3 axle) for 30-ton collapsible crane
(3 Achsig) Anhänger schwimmfähig mit Nutzlast von 10 t	trailer (3 axle) amphibious (10 ton)
(3 Achsig) Anhänger schwimmfähig mit Nutzlast von 20 t	trailer (3 axle) amphibious (20 ton)
(3 Achsig) Anhänger für die Fernrakete A4 (V2) Fabrikat Meiller	trailer (3 axle) for transporting a V2 rocket (made by Meiller)
(4 Achsig) Anhänger für schwere Lasten Culemeyer	trailer (4 axle) for heavy cargo (made by Culemeyer)
(6 Achsig) Anhänger für schwere Lasten Culemeyer bis 60 t	trailer (6 axle) for heavy cargo (60 ton) (made by Culemeyer)
(6 Achsig) Anhänger für schwere Lasten Gothaer Waggonfabrik bis 60 t	trailer (6 axle) for heavy cargo (60 ton) (made by Gothaer Waggonfabrik)
(Mehrachsig) Anhänger für schwere Lasten bis 110 t	trailer (multi-axle) for heavy cargo (110 ton)
(Mehrachsig) Anhänger für schwere Lasten bis 150 t	trailer (multi-axle) for heavy cargo (150 ton)
(Mehrachsig) Anhänger mit geschlossenem Aufbau für Zinkdruckrotationspresse	trailers (multi-axle) with enclosed body for zincograph rotating printing press

GERMAN VEHICLES: WAGONS – CARTS — SLEDS

Af = Artilleriefahrzeuge	Artillery Vehicles
Af 3 Munitionswagen 96 n.A.	ammunition limber Type 96 n.A.
Af ? Munitionshinterwagen 96 n.A.	ammunition rear limber Type 96 n.A.
Af 4 Feldhaubitzen-Munitionswagen	field howitzer ammunition wagon 98
Af 5 schwerer Munitionswagen 02	heavy ammunition wagon 02
Af 7 Rohrwagen für 10cm K17	barrel wagon – 10cm Gun (K17)
Af 8 Rohrwagen für 15cm K16	barrel wagon – 15cm Gun (K16)
Af 12 Beobachtungswagen	artillery observation wagon
Af 14 Munitionswagen	ammunition wagon
Af 19 Rohrwagen für 10cm K18 oder sFH 18	barrel wagon – 10cm Gun or 15cm sFH
Af ? Feldhaubitzzprotze	limber for field howitzer
Af ? Munitionshunterwagen 98	ammunition rear limber Type 98
Af ? Munitionswagen 38 für 7,5cm Feldkanone 38	ammunition limber for 7,5cm field gun
Af ? Feldkanonenprotze für 7,5cm Feldkanone 38	limber for 7,5cm field gun 38
Af ? leichte Feldhaubitzzprotze 98E	limber for light field howitzer 98E
Af ? leichte Feldhaubitzzprotze 18	limber for light field howitzer 18
Af ? leichte Feldhaubitzzprotze 18/40	limber for light field howitzer 18/40
Af ? schwerer Feldhaubitzen-Munitionswagen	heavy field howitzer ammunition wagon

EF = Ersatzfeldwagen	Replacement Field Wagon
EF40 Wirtschaftswagen	supply wagon

Hf = Heeresfahrzeug	Army Vehicles
Hf 1 leichter Feldwagen (gefedert)	light field wagon (sprung)
used as Verpflegungswagen	rations wagon
Sanitätsträgerwagen	stretcher bearer wagon
Packwagen	baggage wagon
Veterinärmittelwagen	veterinary equipment wagon
Schanzzeugwagen	entrenching equipment wagon
Hf 1/1 grosser Gefechtswagen	large combat wagon
used as Nachrichtengerätwagen (gefedert)	signal equipment wagon (sprung)
Pioniergerätwagen (gefedert)	engineer equipment wagon (sprung)
Vermessungsgerätwagen (gefedert)	survey equipment wagon (sprung)
Hf 1/2 Handscheinwerferwagen (M)	hand held searchlight wagon
Hf 1/3 Handscheinwerferwagen (S)(gefedert)	hand held searchlight wagon (sprung)
Hf 1/4 Beobachtungs-Gerätwagen	observation equipment wagon
Hf 1/11 grosser Gefechtswagen	large combat wagon
used as Nachrichtengerätwagen	signal equipment wagon
Hf 1/13 grosser Fahnschmiedwagen	large farrier wagon
Hf 1/14 Packwagen für Feldschmiede	field forge wagon
Hf 1/14 Waffenmeisterwagen	armorer wagon
Hf 1/16 Bäckereigerät-Wagen	bakery equipment wagon
Hf 1/18 Truppensanitäts-Wagen	medical equipment wagon
Hf 2 schwere Feldwagen	heavy field wagon
used as Gerätwagen	equipment wagon
schwerer Gefechtswagen	heavy combat wagon
Lastwagen	cargo wagon
Munitionswagen	ammunition wagon
Packwagen	baggage wagon
Verpflegungswagen	rations wagon
Vorratswagen	stores wagon
Hf 3 kleiner Feldwagen	small field wagon (600 kilo)
Hf 3/1 Nachrichtengerätwagen (gefedert)	signal wagon (sprung)
Hf 3/2 leichter Frenspchswagen (gefedert)	light telephone wagon (sprung)
Hf 3/11 kleiner Gefechtswagen	small combat wagon
Hf 3/12 kleiner Fahnschmiedwagen	small farrier wagon
Hf 4 Gebirgskarren	mountain cart
Hf 7 Stahlfeldwagen (gefedert)	field wagon (steel)(sprung)
Hf 7/11 grosser Gefechtswagen (Stahlfeldwagen)	large combat wagon (steel)
Hf 7/13 grosser Fahnschmiedwagen (Stahlfeldwagen)	large farrier wagon (steel)
Hf 7/14 Waffenmeisterwagen (Stahlfeldwagen)	armorer wagon (steel)
Hf 8 Bockwagen	tressel transport wagon
Hf 9 Pontonwagen	pontoon transport wagon
Hf 11 grosser Feldküche	large field kitchen
Hf 12 kleiner Feldküche	small field kitchen
Hf 13 grosser Feldküche	large field kitchen
Hf 14 kleiner Feldküche	small field kitchen
Hf ? Munitionswagen	ammunition wagon
Hf ? Vorratswagen	supply wagon
Hf ? Sanitätswagen	medic wagon
Hf ? Veterinärvorratswagen	veterinary supply wagon

GERMAN VEHICLES: WAGONS – CARTS — SLEDS

If	= Infanteriefahrzeuge	Infantry Vehicles
If 3	Maschinengewehr-Wagen (s) (2 sMG)	heavy machine gun wagon (2 HMG)
If 4	Maschinengewehr-Wagen (1) (2 sMG)	light machine gun wagon (2 HMG)
If 4	Gebirgskarre	mountain cart
If 5	Maschinengewehrwagen (Zwillingssockel)	machine gun wagon (with pedestal for dual MG)
If 6	Gefechtskarre für s Gr.Wfr. /m. Gr.Wfr.	medium & heavy mortar wagon
If 7	Maschinengewehrwagen (1 sMG)	machine gun wagon (1 HMG)
If 7/24	Maschinengewehrwagen (MG7/24 Schwarzlose)	machine gun wagon (for HMG 7/24 Scharzloser)
If 8	Tornister-Funktrupp-Wagen	pack radio wagon
If 9	Gefechtskarre	combat cart
If 9/1	Gefechtskarre für 8cm Granatwerfer	combat cart for 8cm mortar
If 9/1	Munitionskarre für 8cm Granatwerfer	ammunition cart for 8cm mortar
If 12	Beobachtungswagen	observation wagon
If 12/1	leichte Infantriegeschützprotze	limber for light infantry gun
If 14	Munitionswagen	ammunition wagon
If 15	Beobachtungswagen	observation wagon
If ?	Gebirgskarre für 3,7cm Pak	mountain cart for 3,7cm antitank gun
If ?	Granatwerferkarre mit Rahmen M.24/25	mortar cart with frames
Nf	= Nachrichtenfahrzeuge	Signal Vehicles
Nf 1	schwerer Fernsprechwagen	heavy telephone wagon
Nf 2	leichter Fernsprechwagen	light telephone wagon
Nf 4	kleiner Funkwagen	small radio wagon
Nf 5	kleinfunkwagen	small radio wagon
Nf 6	Funkwagen	radio wagon
Nf 7	Infanterie-Nachrichtenwagen	infantry signal wagon
Nf ?	Bauwagen 13	construction equipment wagon
Nf ?	Leiterwagen für Fernsprechrupp	ladder wagon for telephone section
Nf ?	Kastenwagen für Fernsprechrupp	equipment wagon for telephone section
Pf	= Pionierfahrzeuge	Engineer Vehicles
Pf. 10	(2 Achsig) Bockwagen	motor towed trailer (2 axle) for bridge tressels [1]
Pf. 11	(2 Achsig) Pontonwagen	motor towed trailer (2 axle) for bridge pontoons [1]
Pf. 12	(2 Achsig) Rampenwagen	motor towed trailer (2 axle) for bridge ramps [1]
Pf. 13	(1 Achsig) für M-Boot (100 PS MB 41)	motor towed trailer (1 axle) for motorboat (100 HP Type MB 41) [1]
Note [1]:	The designation of these four engineer trailers was a holdover from an earlier period; the old nomenclature was maintained, except that Pf. 13 is mentioned also as Sd.Anh. 13.	
Pf 21	Flammenwerfer-Füllwagen	flamethrower refill wagon
Pf 22	Pionierhandkarren	engineer hand cart
Pf 25	Handkarren für leichten Landungswerfer	hand cart for light spigot mortar
Sf	= Sanitätsfeldwagen	Medical Field Wagons
Sf 1	Krankenwagen	ambulance wagon
Sf 2	Krankenwagen	ambulance wagon
Vf	= Fahrzeuge der Veterinärtruppen	Wagons for Veterinary Troops
Vf 1	Pferdetransportwagen	horse transport wagon
Vwf=	Fahrzeuge der Verwaltungstruppen	Wagons for Administration Troops
Vwf 1	Backofentransportwagen	oven transport wagon
Vwf 2	Teigknetwagen	dough mixer wagon
Vwf 3	Kraftquellenwagen	water pump wagon
Fahrzeuge ohne Numerierung	Wagons without Numbers	
—	Pleskau-Wagen I	Pleskau I (359 kilo) (1 horse team)
—	Pleskau-Wagen II	Pleskau II (700 kilo) (2 horse team)
—	Kutschwagen	carriage / coach
—	grosser Feldwagen (t)	large Czech field wagon
—	kleiner Feldwagen (t)	small Czech field wagon
—	grosser Feldküche (t)	large Czech field kitchen
—	kleiner Feldküche (t)	small Czech field kitchen
—	Gebirgskarren M15 für Munition (t)	Czech mountain cart for ammunition
Hs	= Heeresschlitten	Army Sleds
Hs 1	Schlitten (300 Kg)	sled (300 Kilo) (single or tandem)
Hs 3	Schlitten (500 Kg)	sled (500 Kilo) (single or tandem)
Hs 3/1	Krankenschlitten	stretcher sled (single or tandem)
Hs 5	Schlitten (1000 Kg)	sled (1000 Kilo) (single or tandem)
Hs 41	zweispännige Schlitten	sled (dual)
Hs 42	zweispännige Schlitten	sled (dual)
Hs 43	zweispännige Schlitten	sled (dual)
Hs 61	einspännige Schlitten	sled (single)
Hs 62	einspännige Schlitten	sled (single)

GERMAN ARMY RANKS AND *STELLEGRUPPEN* (BILLET GROUPS)

This is only a simplified account of the German military personnel structure and hierarchy. Readers are warned that, as in all armies, they were in actual fact more complicated, with important differentiations being made between designations of rank, billet, function, and skill.

'Billet' indicates an appointment to (staffing of) a position – also called a 'slot' – like Squad Leader, Platoon Commander, Divisional Commander, Executive Officer, Supply Sergeant, etc. Confusingly, in some cases, the billet has the same designation as a rank, such as *Hauptfeldwebel*.

The equivalent Ranks given in English are neither completely World War II British nor American, and is not going to satisfy any specialist. (However a specialist would probably not be reading this anyway). Nearly all German officer ranks correspond to US Army ranks, although their terminology differs, a *Generalmajor* being the equivalent of a brigadier general. Modern US Army rank equivalents have some differences. There is one more enlisted rank (Command Sergeant Major), and one more Warrant Officer rank (Warrant Officer 3rd Class). US Army Warrant Officers are counted as officers, not enlisted men. In the German WWII Army, all ranks below 2nd Lieutenant were enlisted men.

The German Army divided officers billets into eight groups, depending on the function to be carried out. German wartime officer ranks were permanent, which often made it impossible for German officers to be promoted to the higher rank which their wartime billet would actually have warranted. For example, although a Captain normally staffed the billet of Company Commander, this was not always a rule. If there were not enough Captains then a senior member of a lower rank was assigned to that billet. Conversely, if there were too many of a higher rank than one or more might be assigned a lower ranking billet. Many Divisions were commanded by a Brigadier General - and even an occasional Colonel - instead of a Major General. Conversely, if a billet was particularly critical, a higher-ranking person might be assigned to that billet than would normally be the case. Skill was preferred to rank. Promotion was achieved by serving time. The function or billet filled as such was not a ground for promotion.

The enlisted men were divided into three billet groups: Senior Sergeants (*Unteroffiziere mit Portepee*) ("O" Group), Junior Sergeants (*Unteroffiziere ohne Portepee*) ("G" Group), and Other Ranks (*Mannschaften*) ("M" Group).

Enlisted members of the German Army had an 'Occupation' (*Laufbahn*), i.e. a career or field of specialty, like Infantry, Supply, Finance and so on. The occupation might be incorporated into the rank designation, such as *Beschlagschmiedobergefreiter*, a farrier (horseshoe smith) corporal; or even be used instead of the rank designations, such as *Beschlagmeister*, ('Farrier Master'), who was an expert farrier sergeant.

The highest combat leader position held by an enlisted man was that of platoon leader. However, this usually applied only to the third and fourth platoons. All other combat command positions were held by officers. Sergeants and Warrant Officers were in charge of logistics and administration, freeing the officers for their primary function of leading men into combat. It was not unusual for senior enlisted men to become involved in combat when the need arose, although the German Army considered it a waste of skilled manpower to use these highly trained and experienced men for this purpose.

German Tables of Organization (KStN – *Kriegsstärkenachweisungen*) had many notes indicating which billets and specialist slots were to be filled with what ranks and specialists, listing which billets had priority over others, which could alternatively be filled by a person with specialized knowledge or skill, and which billets should by preference be filled with regular army personnel.

Although it was expected to have rank and billet corresponding to each other, this was far from the case. Specialist personnel was rare and many units were raised in a hurry, not having enough time to acquire all its correct personnel. And once a unit entered combat, the chances of acquiring the exact, highly-skilled soldier for the correct position often became merely a matter of luck.

The German Wehrmacht also had a unique category of personnel within its ranks, namely the *Wehrmachtbeamten*, which can be loosely translated as Armed Forces Civil Servants or as Government Service Officials. They were found in administrative, legal, and technical service positions. They were civilians performing functions within the Armed Forces. Although they were not classified as soldiers, they wore uniforms identical with those of the Service branch they were serving with, albeit with different insignia. Their duties, at least at field and company level, could lead to armed encounters with enemy forces, and they were all armed with pistols.

Generals

Billet Group "A"

Commander-in-Chief / General Officer in an "A" Group
Oberbefehlshaber / General in A-Stelle
Generalfeldmarschall General of the Army (Field Marshal)
Generaloberst General

Billet Group "F"

Commanding General / General Officer in an "F" Group
Kommandierender General / General in F-Stelle
General Lieutenant General
der Infanterie of the Cavalry
der Kavallerie of the Infantry
der Artillerie of the Artillery
der of the ...

Billet Group "D"

Divisional Commander / General Officer in a "D" Group
Divisionskommandeur / General in D-Stelle
Generalleutnant Major General
Generalstabsarzt Major General (Medical Corps)
Generalstabs- Major General (...)

Billet Group "I"

Infantry, Artillery, or Brigade Commander / General Officer in an "I" Group
Infanterie-, Artillerie-, Brigadekommandeur / Offizier in I-Stelle
Generalmajor Brigadier General
Generalarzt Brigadier General (Medical Corps)
General- Brigadier General (...)

Officers

Billet Group "R"

Regimental Commander / Officer in an "R" Group
Regimentskommandeur / Offizier in R-Stelle
Oberst Colonel
Oberstarzt Colonel (Medical Corps)
Oberst- Colonel (...)

Billet Group "B"

Battalion Commander / Officer in a "B" Group
Abteilungs- bzw. Bataillonskommandeur / Offizier in B-Stelle
Oberstleutnant Lieutenant Colonel
Oberfeldarzt Lieutenant Colonel (Medical Corps)
Oberfeld- Lieutenant Colonel (...)
Major Major
Oberstabsarzt Major (Medical Corps)
Oberstabs- Major (...)

Billet Group "K"

Battery, Squadron, or Company Commander / Officer in a "K" Group
Batterie-, Schwadron- bzw. Kompanieführer / Offizier in K-Stelle
Hauptmann Captain
Rittmeister Captain (Cavalry Corps)
Stabsarzt Captain (Medical Corps)
Stabsveterinär Captain (Veterinary Corps)
Stabsmusikmeister Captain (Band)
Stabs- Captain (...)

Billet Group "Z"

Platoon Leader / Officer in a "Z" Group
Zugführer / Offizier in Z-Stelle
Oberleutnant First Lieutenant
Oberarzt First Lieutenant (Medical Corps)
Obermusikmeister First Lieutenant (Band)
Oberzahlmeister First Lieutenant (Paymaster Corps)
Ober- First Lieutenant (...)
Leutnant Second Lieutenant
Assistenzarzt Second Lieutenant (Medical Corps)
Musikmeister Second Lieutenant (Band)
Assistenzahmesiter Second Lieutenant (Paymaster Corps)
Assistenz- Second Lieutenant (...)

Enlisted Men

Billet Group "O"

Senior Non-Commissioned Officer in an "O" Group
Oberfeldwebel (Unteroffiziere mit Portepee)
Stabsfeldwebel Warrant Officer First Class
Obermeister Warrant Officer 1st Class of a Technical Establishment
Hauptfeldwebel Warrant Officer 2nd Class
Hauptwachtmeister Warrant Officer 2nd Class (Cavalry, Artillery, AA, etc.)
Oberfeldwebel Sergeant Major
Oberwachtmeister Sergeant Major (Cavalry, Artillery, AA, etc.)
Musikleiter Sergeant Major (Band)
etc. etc.
Feldwebel First Sergeant
Wachtmeister First Sergeant (Cavalry, Artillery, AA, etc.)
Beschlagmeister Farrier First Sergeant
Feuerwerker Ordnance First Sergeant
Brieftaubenmeister Pigeon Postmaster
etc. etc.

Billet Group "G"

Non-Commissioned Officer in a "G" Group
Gruppenführer (Unteroffiziere ohne Portepee)
Unterfeldwebel Staff Sergeant
Unterwachtmeister Staff Sergeant (Cavalry, Artillery, AA, etc.)
etc. etc.
Unteroffizier Sergeant
Sanitätsunteroffizier Sergeant (Medical Corps)
etc. etc.
Obergefreiter Corporal
Sanitätsobergefreiter Corporal (Medical Corps)
etc. etc.

Billet Group "M"

Other Rank in an "M" Group
Mannschaft
Gefreiter Private First Class
Oberschütze Private 2
Oberreiter Trooper First Class
etc. etc.
Schütze Private 1 (infantryman)
Grenadier Private (alternate designation for infantryman)
Jäger Private (Mountain or Light Infantry)
Pionier Engineer / Pioneer (Engineers)
Fahrer Driver (usually of a horse-drawn vehicle)
Kraftfahrer Driver (motor vehicle)
Beschlagschmiedschütze Farrier (horse smith)
Spielman Bandsman / Bugler
etc. etc.

GERMAN MILITARY PERSONNEL JOB DESCRIPTIONS

Abteilungsarzt	Battalion Physician	Melder	Messenger / Runner
Abteilungskommandeur	Battalion Commander	Meldereiter	Messenger (horse-mounted)
Abteilungsschreiber	Battalion Headquarters Clerk	Mitarbeiter	Assistant Clerk
Abteilungsveterinär	Battalion Veterinary Doctor	Motorschlosser	Motor Mechanic
Adjutant	Adjutant	Munitionskanonier	Ammunition Handler
Arzt	Physician	Munitionsschütze	Ammunition Handler
Auswerter	Plotter / Evaluator	Musiker	Bandsman
Autoschlosser	Motor Vehicle Mechanic	Musikmeister	Band Leader
Bataillonsarzt	Battalion Physician	Nachrichtenmechaniker	Signals Technician
Bataillonskommandeur	Battalion Commander	Nachrichtenoftizier	Signal Officer
Bataillonsveterinär	Battalion Veterinary Doctor	Nachrichtenunteroffizier	Signal NCO
Batterieführer	Battery Commander	Offizier	Officer
Batterieoffizier	Firing Battery Commander	Ordnanzoffizier	Aid (-de-Camp) (officer)
Batterieschreiber	Battery Headquarters Clerk	Ordnanz	Orderly (enlisted)
Beamte	Armed Forces Civil Servant / Government Service Official / Civilian Employee in Military Service	Panzerbüchenschütze	Antitank Rifleman
Beobachter	Observer	Panzerrelektromechaniker	Armored Vehicle Electrician
Beobachtungsoffizier	Observation Officer	Panzerrelektroschweisser	Armored Vehicle Arc Welder
Beschlagschmied	Farrier / Horseshoe Smith	Panzerführer	Armored Vehicle Commander
Betreuungsoffizier	Entertainment Officer	Panzerfunkwart	Armored Vehicle Radio Repairman
Bootsmann	Boat Operator	Panzergetriebenschlosser	Armored Vehicle Drive Train Mechanic
Chef des Stabes	Chief of Staff	Panzerjägerführer	Antitank Vehicle Commander
Divisionionsarzt	Division Physician	Panzermotorschlosser	Armored Vehicle Motor Mechanic
Divisionskommandeur	Division Commander	Panzerschlosser	Armored Vehicle Mechanic
Dolmetscher	Interpreter	Panzerschützen	Infantryman in an Armored Vehicle
Dreher	Lathe Operator	Panzerwart	Armored Vehicle Mechanic
Drucker	Printer	Peiler	Direction Finder
Elektriker	Electrician	Pferdeführer	Horse Leader. Driver on foot of a horse-drawn wagon
Elektromechaniker	Electro Mechanic	Pferdehalter	Horse Holder (Groom)
Entfernungsmesser	Rangefinder / Distance Measurer	Pferdewärter	Groom (Horse Holder)
Erkunder	Scout	Pionier	Pioneer / Engineer / Sapper
Erkundungsoffizier	Observation Officer	Planoffizier	Triangulation Officer
Facharbeiter	Specialist	Postfachkraft	Postal Worker
Fahnenschmied	Farrier NCO	Prüfer	Accounts Controller
Fahrer	Driver	Quartiermeister	Quartermaster
Fahrer vom Bock	Wagoner. (Driver of a horse-drawn vehicle sitting on the driver's box)	Rechner	Calculator
Fahrer vom Sattel	Horse Team Leaders. (Drivers of a horse-drawn vehicle sitting on the horses)	Rechnungsführer	Accountant
Feinmechaniker	Optics Technician	Regimentsadjutant	Regiment Adjutant
Feldfunksprecher	Field Radio Operator	Regimentsarzt	Regiment Physician
Feldgendarm	Military Policeman	Regimentskommandeur	Regiment Commander
Feldkoch	Cook	Regimentskraftfahrstoffizier	Regiment Motor Officer
Feldkochunteroffizier	Cook NCO	Regimentschreiber	Regiment Headquarters Clerk
Feldwebel	Sergeant	Regimentsveterinär	Regiment Veterinary Doctor
Fernsprecher	Telephonist	Richter	Judge
Feuerwerker	Ordnance NCO	Richtkreisunteroffizier	Gun Layer NCO / Gun Director NCO
Flakwaffenwart	Antiaircraft Weapon Armorer	Richtmeister	Master Fitter
Flugmeldeauswerter	Air Observation Evaluator	Richtschütze	Gunner
Flugmelder	Air Observer	Sachbearbeiter	Clerk
Führer	Leader	Sanitätsoffizier	Medical Officer
Führer der Gefechtsfahrzeuge	Leader of the Company/Battery Vehicles	Sanitätsunteroffizier	Medical NCO
Funker	Radio Operator	Sattelpferd	Near Horse
Funkmeister	Senior Radio Operator	Sattler	Saddler / Harness Maker
Funkwart	Radio Repairman	Scherenfernrohrunteroffizier	Scissors Telescope NCO
Futtermeister	Fodder NCO	Schirmmeister	Foreman / Harness Keeper / Storekeeper NCO / Maintenance Technical Sergeant
Gaschützunteroffizier	Chemical Warfare NCO	Schleifer	Polisher
Gefechtschreiber	Headquarters Clerk	Schlosser	Mechanic
Gerätverwalter	Equipment Administrator	Schneider	Smith
Gerätwart	Equipment Repairman	Schreiber	Tailor
Geschützbedienung	Gun Crew	Schumacher / Schuster	Clerk
Geschützführer	Gun Layer / Gun Captain / Gun Commander	Schwadronführer	Shoemaker / Cobbler
Getreibeschlosser	Drive Train Mechanic	Schwadrontruppführer	Company Commander (cavalry arm)
Gruppenführer	Section Leader	Schweisser	Company Headquarters Section Leader (cavalry arm)
Handwerker	Craftsman	Spähtruppführer	Welder
Hauptfeldwebel	Senior Company NCO / Company First Sergeant	Staffelführer	Scout Section Leader
Hauptwachmeister	Senior Battery NCO / Battery First Sergeant	Stellmacher	Detachment Leader
Hilfsbeobachter	Assistant Observer	Stellungsunteroffizier	Cartwright / Wheelwright
Hilfsprüfer	Assistant Controller	Steuermann	Gun Position NCO
Hiwi (Hilfswilliger)	Foreign Volunteer for Military Service	Tankwart	Helmsman (driver of a boat)
Holzarbeiter	Wood Worker	Tischler	Fuel Handler
Intendant	Commissary Officer	Trossführer	Joiner / Cabinet Maker
Kanonier	Gunner	Truppenarzt	Trains Leader
Kartenzeichner	Cartographer	Truppenführer	Troop Doctor
Kettenkraftradfahrer	Kettenkraftrad Fahrer	Unteroffizier	Team Leader
Klempner	Plumber	Urkundsbeamter	NCO (Non-Commissioned Officer)
Koch	Cook	Verbindungssoffizier	Document Clerk
Kommandant	Commandant	Vermessungsdienst	Liaison Officer
Kommandeur	Commander	Verpflegungsmann	Measuring Service
Kompanieführer	Company Commander	Verpflegungsunteroffizier	Rations Handler
Kompanietrossführer	Company Trains Leader	Veterinärsoffizier	Rations NCO
Kompanietruppführer	Company Headquarters Section Leader	Vorgeschobener Beobachter	Veterinary Officer
Kradmelder	Motorcycle Messenger	Vorhandwerker	Forward Observer
Kraftfahrzeugelektriker	Motor Vehicle Electrician	Vorreiter	Leading Craftsman
Kraftfahrzeugmotorschlosser	Motor Vehicle Motor Mechanic	Vorwarmer	Outrider. Escort on horse-back of a horse-drawn vehicle.
Kraftfahrzeugschlosser	Motor Vehicle Mechanic	Waffenmeister	Advance Warning Man
Kraftwagenbeifahrer	Motor Vehicle Codriver	Waffenmeistergehilfe	Armorer
Kraftwagenfahrer	Motor Vehicle Driver	Waffenmeisterunteroffizier	Assistant Armorer
Krankenträger	Stretcher Bearer	Waffenunteroffizier	Master Armorer NCO
Ladeschütze	Loader	Wagenbegleiter	Armorer NCO
Laufwerkschlosser	Running Gear Mechanic	Wagenführer	Wagon Escort. Escort of a horse-drawn vehicle on foot
Leiter	Chief Leader	Werferführer	Leader of the vehicles in the trains
Lichtpauser	Photographer	Werkmeister	Launcher or Mortar Gunner
Maler	Painter	Zahlmeister	Foreman / Chief Technician
Mann	(Enlisted) Man	Zeichner	Paymaster / Finance Officer
Mannschaft	Privat / Other Rank / (Enlisted) Man	Zimmermann	Draftsman
Maschinengewehrschütze	Machine Gunner	Zugführer	Carpenter
Meldefahrer	Motor Vehicle Messenger	Zugtruppführer	Platoon Leader
Meldefahrer	Messenger (motor vehicle)		Platoon Headquarters Section Leader

