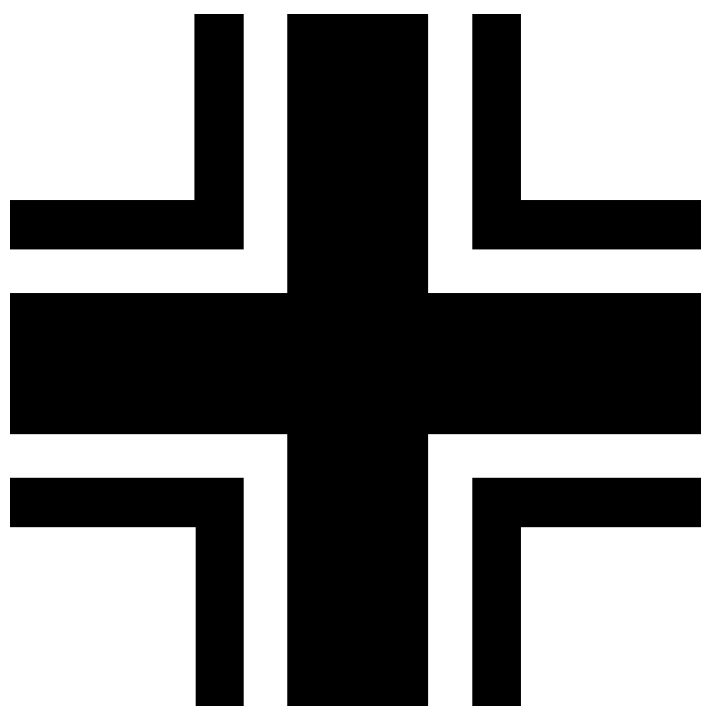


GERMAN WORLD WAR II ORGANIZATIONAL SERIES



Volume 3/II

HIGHER HEADQUARTERS — MECHANIZED GHQ UNITS
(22.06.1941)

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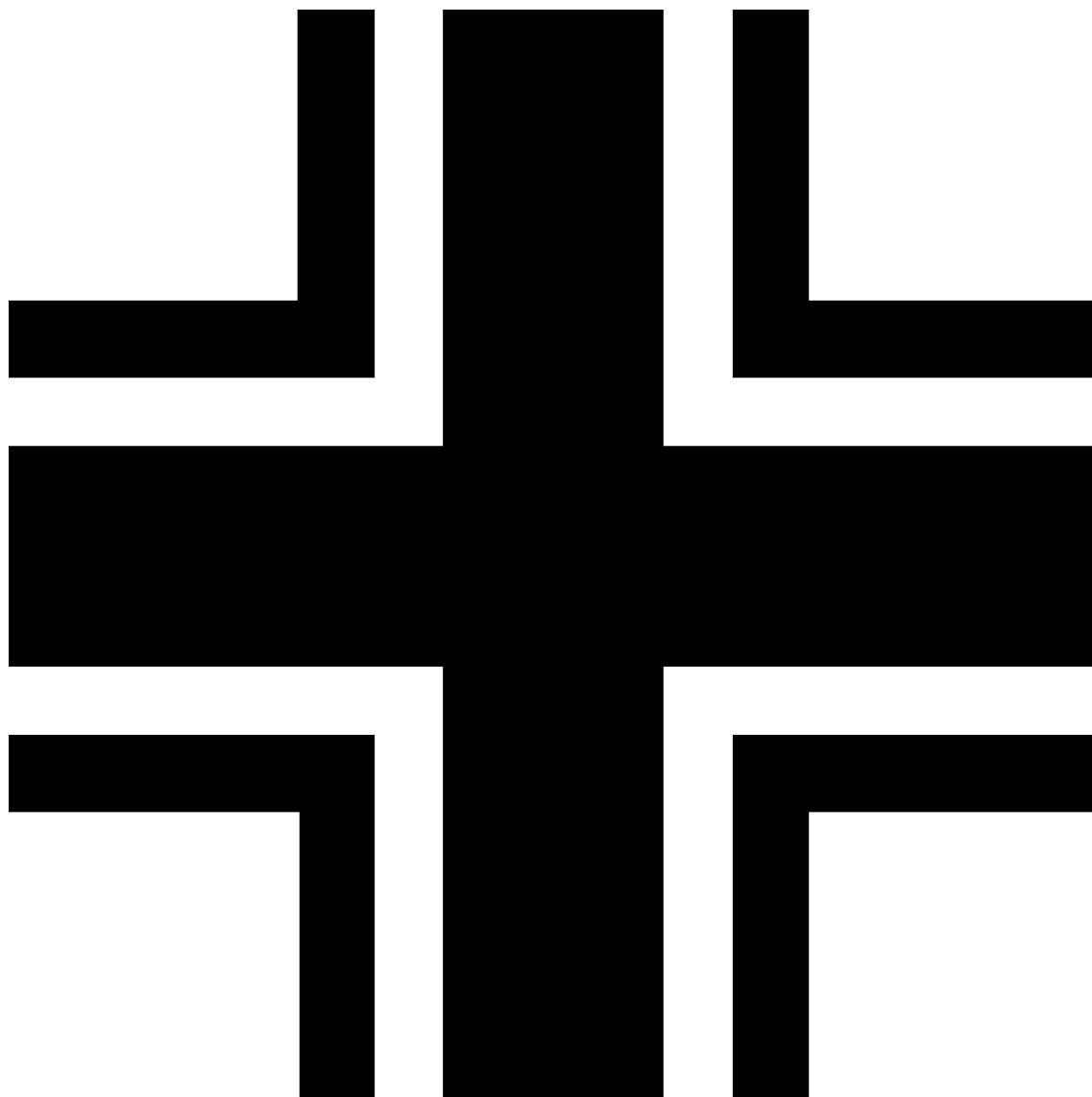
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by Leo W.G. Niehorster



Volume 3/II

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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 republishing 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

Much has been written about the East Front, including the 1941 Russian and African Campaigns, but little has appeared in print about the organization of those units participating in them. Hence, this is not a book about the 1941 Campaigns, but instead it is an in-depth documentation of the organization of the German Armed Forces at this period. This particular volume deals with the higher headquarters and the mechanized GHQ (General Headquarters, i.e. non-divisional) units. The mechanized Army formations on 22 June 1941 are covered in Vol. 3/I.

The series is structured so that the reader can pick and choose the particular subject of interest, but still have the pertinent information for that particular volume at hand. Each volume of the series is meant to stand on its own. This is the main reason why each volume has a relevant sections on vehicles, sources and references. There is some overlap, but each volume can normally be read without having to refer to another volume. This is also the reason why it was decided to go ahead with a series of static, as opposed to a dynamic, presentations.

Army groups and armies did not have fixed organizations. They did have a printing detachment and maintained a relatively standard set of GHQ service units.

Corps and other formations varied from day to day, if not hour to hour. Corps, besides the units directly assigned to the headquarters, also retained their more or less permanently assigned signal and supply battalions. Corps had an immense variation in the number and type of GHQ subordinate units, depending on the number and mission of formations under their command. These units varied consistently, again depending on the situation the corps, or their neighbors, found themselves in.

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 anti-tank, 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.

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. Although provided with extra supply and support elements, they were basically orphans. They were continually reassigned to different formations and commands, and often had to scrounge for needed spare parts, ammunition, supplies, and other necessities. They were trained for and expected to operate independently. The unit commanders, (for battalions usually majors or lieutenant colonels), 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 were not supposed to be left in the line for defensive purposes, nor used to consolidate recently taken positions. Instead, they were to be removed from the line to the rear to pull maintenance and restore full fighting power, so as to be ready for use again, there or elsewhere.

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. Independence and intelligence were prime requisites for commanders to lead these compact units in continually changing environments and situations, and they were particularly selected for their aggressiveness in an already aggressively trained army.

Information regarding the German Army GHQ units has been difficult to acquire. First, on 14.04.1945, all war diaries and records of the GHQ units stored at the German military archives in Potsdam were destroyed in a major Allied air raid. Second, with a very few exceptions, GHQ unit histories have not been published. Hence, information regarding most units can usually 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. Campaign histories are an even more unrewarding source for GHQ units. It has been, however, possible to determine all existing GHQ units and their assignment on 22nd June 1941.

The KStN applying to the 1941 units included various vehicles which were either not yet in production, or not yet available in sufficient quantities.

The light armored halftracks (Sd. Kfz. 250), although scheduled for earlier production, were just coming off the production lines. There were not enough tanks (Pz-II, Pz-III, Pz-IV) to fill up the Panzer regiments to the authorized KStN. The armored command car (Sd. Kfz. 247), the armored halftrack (Sd. Kfz. 251), etc., suffered from production bottlenecks, or incorrect planning, and were only available in limited quantities.

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 divisions of the period.

In a project as immense as this one, it is necessary to rely upon the assistance of others. I would like to mention the following for their continuing assistance: Heer Piet Duits; Herr Kurt Gätzschmann; Mr. Thomas L. Jentz; Herr Brün Meyer; Herr Adolf Schönefeld; Mr. William Russ. To all of them, my continuing thanks.

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.

Preface to the Second Edition

This second edition has been thoroughly revised, amended, and updated. It now includes the trains (including maintenance units) of all the company-sized units and headquarters, as well as the support services of the various GHQ and SS formations. The diagrams and order of battle have been corrected where necessary. New units have been added.

I wish to thank the many readers around the world who have responded to my request to provide additions, corrections and new information, as well as all those who have written and encouraged me to continue this work. If I have not already done so personally, thank you for your patience, support, and encouragement.

HOW TO READ THE CHARTS

Dates are indicated in the following manner: Day.Month.Year. (Thus 22.06.41 is the 22nd Day of June 1941).

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. 21. *Panzer-Division* is the German way of designating the 21st 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 anti-tank 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, whereas truck (medium) refers to a civilian (rear-axle-driven) load carrier with a load factor of 3 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 normally maintenance sections and detachments were included under this designation, they have been presented here separately for clarity.

TABLES OF ORGANIZATION – *KRIEGSTÄRKENACHWEISUNGEN*

German unit organizations were based on tables of organization, (*Kriegstärkenachweisungen* – KStN). Every unit raised had one, and all orders raising units indicated the corresponding KStN number and date 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 these KStN on the issue dates. The issue date referred to a specific deadline upon which the KStN were to become effective. In several cases, the KStN were issued later, although with an earlier date. 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.

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

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 reorganization of the units was 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 or complicated equipment were usually withdrawn to training grounds, transferring their old equipment to other units upon departure. A new unit was normally raised, trained, and equipped at one of these training grounds and then sent to the front, where normally (but not always immediately) it joined its parent unit or formation.

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 to the effect 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, and never appeared on these validity lists, (either cancelled, never authorized, or superseded).

As new KStN appeared, the old ones were supposed to be destroyed, at least at unit levels. This practice was also carried out at higher levels also. The destruction of the military archives at Potsdam in April 1945 means that only portions of the KStN remain.

The author has extrapolated and reconstructed 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, organizational charts, 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 1942

The symbols in this book are based on the official German handbook of military symbols (H.Dv. 272) of 24.03.1941, (with changes up to November 1941) and on the actual symbols used in the organizational charts (Kriegsgliederungen des Feldheers, (15.05.1941 through May 1942)). Where symbols in the latter are at variance with the former, those symbols of the organizational charts have been used.

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 sometimes 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.

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. The same applied to battalions and regiments.

An interesting feature of company and sub-unit symbols is that their size and shape 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 the thickened edge used to indicate its size (more of this below). The variations in size and shape followed the original configuration, so that 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.

The mobility of the unit was also quickly recognizable. The two small circles ('wheels') underneath a symbols 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 self-propelled.

All units assigned to Panzer divisions were at least motorized, so that it was thought that the addition of the motorization wheels to the upright staff symbol could be dispensed with, and that the Panzer-Truppen pennant was indication enough.

Although the official handbook indicated that armored infantry units should have the halftrack symbol underneath them instead of the motorized symbol, this practice was not yet followed in most organizational charts at that time. The diagrams in this book reflect this usage.

The lozenge symbol represented armor. All tank units used this symbol. 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 at least 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.

Excluded from this were the firing artillery (tube, rocket-launcher, and Army anti-aircraft) batteries. There, the weapon symbol itself in firing batteries (usually with the number of guns underneath) indicating a battery. (Firing artillery in units smaller than battery size were depicted on a smaller scale). None-firing batteries of the artillery arm followed the normal form of thickening a portion of the symbol to indicate their size. Infantry-type artillery (anti-aircraft and infantry gun) and well as machine gun companies followed the normal practice, and the weapon symbols representing these types of companies had the upright stems thickened accordingly.

Where several columns, platoons, or detachments were gathered into a headquarters company or heavy company, (and each of these sub-units had its own KStN), these symbols were enclosed in a box without a thick side.

Units smaller than companies appeared on organizational charts only if they had their own KStN. Exceptions occurred, particularly if headquarters sub-units had specialized equipment. They were usually depicted on a smaller scale than company-sized units.

Staffel (Detachment) 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 operated independently, or were distributed to other 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) 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) An 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) This was 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) In the case of infantry and reconnaissance units, 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, the LMG 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 1941

SIZE, FUNCTION, MOBILITY

General Headquarters	Army Group Headquarters	Army Headquarters	Group Headquarters	Corps Headquarters	Division Headquarters	Brigade Headquarters	Regiment Headquarters	Battalion Headquarters	Company Headquarters	Motorcycle Messenger Platoon	Band
Infantry	Motor Transport	Panzer Troops	Cavalry	Reconnaissance	Signal	Engineer	Bridging Engineer	Railroad Engineer	Supply	Medical	Veterinary
Infantry	Mountain	Bicycle	Machine Gun	Mixed Mobility	Motorized	Motorcycle	Tank / Armored	Anti-Tank	Construction	Traffic Control	Military Police
Artillery	Mountain Artillery	Artillery Observation	Rocket Artillery	Infantry Anti-Aircraft	Army Anti-Aircraft	Luftwaffe Anti-Aircraft	Assault Artillery	Recoilless Artillery	Fortress	Field Replacement	Security
Foot / Horse-Drawn	Mountain	Bicycle	Pack Animal	Mixed Mobility	Motorized	Motorcycle	Halftrack Towed	Motor Towed	Self-Propelled	Halftrack	Train

WEAPON SYMBOLS

Light Machine Gun	Heavy Machine Gun	Anti-Tank Rifle	28mm Anti-Tank Gun	20mm Anti-Tank Gun	37mm Anti-Tank Gun	47mm Anti-Tank Gun	50mm Anti-Tank Gun	75mm Anti-Tank Gun	88mm Anti-Tank Gun		
50mm Light Mortar	81mm Heavy Mortar	75mm Light Infantry Gun	150mm Heavy Infantry Gun	Flame Thrower	20mm Light Anti-Aircraft Gun	20mm Quad Anti-Aircraft Gun	37mm Medium Anti-Aircraft Gun				

INFANTRY UNITS AND MOUNTAIN UNITS




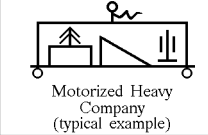



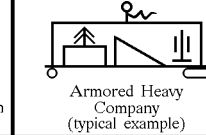
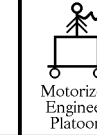








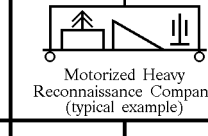

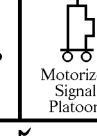
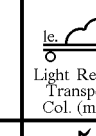




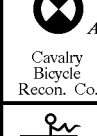




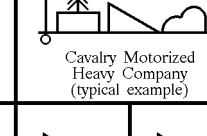
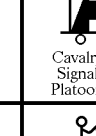












Infantry Platoon	Infantry Company	Infantry Heavy Company	Infantry Bicycle Platoon	Infantry Engineer Platoon	Infantry Signal Platoon	Infantry Anti-Tank Platoon	Infantry Gun Company	Light Anti-Aircraft Co. (mot)	Medium Anti-Aircraft Co. (mot)	Infantry Mounted Recon. Plt.	Light Infantry Transport Column
Mountain Infantry Platoon	Mountain Infantry Company	Mountain Heavy Company	Mountain Bicycle Inf. Plt.	Mountain Engineer Platoon	Mountain Signal Platoon	Mountain Anti-Tank Co. (mot)	Heavy Infantry Gun Co. (SP'd)	Light Anti-Aircraft Co. (SP'd)	Medium Anti-Aircraft Co. (SP'd)	Machine Gun Company (motorized)	Mountain Transport Column
Infantry Platoon (motorized)	Infantry Company (motorized)	Infantry Heavy Co. (motorized)	Infantry Motorcycle Platoon	Infantry Engineer Plt. (mot)	Infantry Signal Plt. (mot)	Infantry Gun Platoon (motorized)	Infantry Gun Company (motorized)	20mm Anti-Aircraft Plt. (mot)	20mm Quad Anti-Aircraft Plt. (mot)	Light Mtn. Anti-Aircraft Co. (mot)	Light Infantry Transport Column (mot)

ENGINEER UNITS










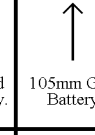
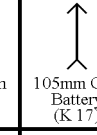
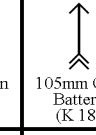









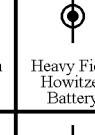
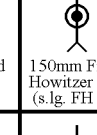
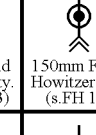
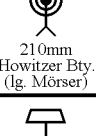


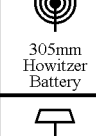

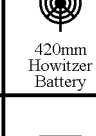
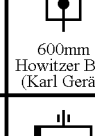
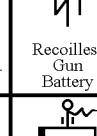
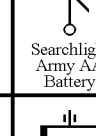
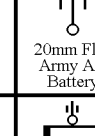
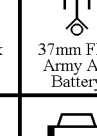
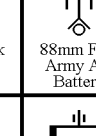
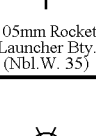
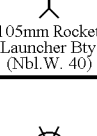
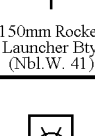
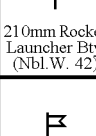
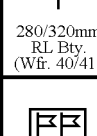
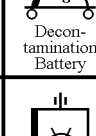
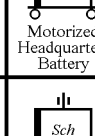
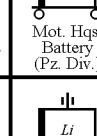
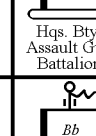
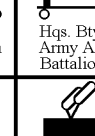
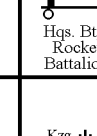
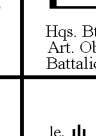





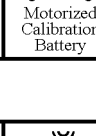
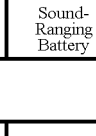
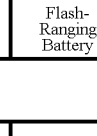
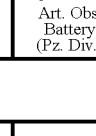
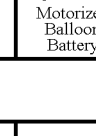
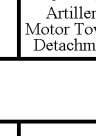
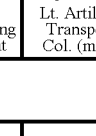
Engineer Platoon	Engineer Company	Mountain Engineer Company	Light Engineer Co. (mot)	Armored Engineer Company	Engineer Assault Boat Company	Bridge Construction Company	Construction Company	Road Construction Company	Railroad Engineer Company	Engineer Park	Railroad Engineer Park
Bridge Column B (motorized)	Bridge Column C (motorized)	Bridge Column D (motorized)	Bridge Column K (motorized)	Bridge Column T (motorized)	Bridge Equipment Unit	Railroad Combat Bridge	Engineer Equipment Plt. (mot)	Engineer Searchlight Plt. (mot)	Engineer Snow-Clearing Plt. (mot)	Lt. Engineer Transport Column (mot)	

German Organizational Symbols 1941









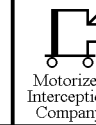


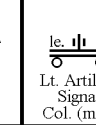
MOBILE TROOPS

 Motorized Infantry Platoon	 Motorized Infantry Company	 Motorized Machine Gun Company	 Motorized Heavy Company (typical example)		 Armored Infantry Platoon	 Armored Infantry Company	 Armored Machine Gun Company	 Armored Heavy Company (typical example)		 Motorized Engineer Platoon	 Motorized Infantry Gun Company
 Motorcycle Infantry Platoon	 Motorcycle Infantry Company	 Motorcycle Machine Gun Company	 Armored Car Platoon	 Armored Car Company	 Motorcycle Recon. Platoon	 Motorcycle Recon. Company	 Motorized Heavy Reconnaissance Company (typical example)		 Armored Recon. Company	 Motorized Signal Platoon	 Light Recon. Transport Col. (mot)
 Cavalry Platoon	 Cavalry Company	 Cavalry Machine Gun Company	 Cavalry Bicycle Company	 Cavalry Bicycle Recon. Co.	 Cavalry Recon. Platoon	 Cavalry Infantry Gun Company	 Cavalry Engineer Platoon	 Cavalry Antitank Platoon	 Cavalry Motorized Heavy Company (typical example)		 Cavalry Signal Platoon
 Light Tank Platoon	 Light Tank Company	 Medium Tank Company	 Heavy Tank Company	 Flame-Tank Company	 Armored Headquarters Company	 Reserve Tank Detachment	 Armor Maintenance Company	 Armored Signal Platoon	 Motorized Antitank Company	 Self-Propelled Antitank Company	 Light Armor Transport Col. (mot)







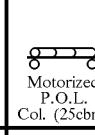
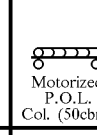
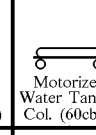
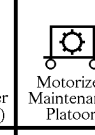
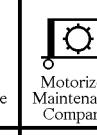
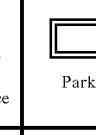





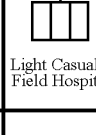
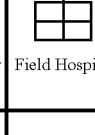
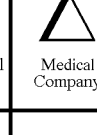


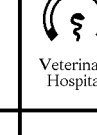
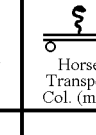












ARTILLERY UNITS

 75mm Field Gun Battery	 75mm Mtn. Gun Battery (GK 15)	 75mm Field Gun Battery (FK 16 nA)	 75mm Cav. Gun Battery (FK 16 nA)	 Assault Gun Battery (Sd.Kfz. 142)	 75mm Field Gun Battery (FK 18)	 105mm Field Howitzer Battery	 105mm Field Howitzer Bty. (le.FH 16)	 105mm Field Howitzer Bty. (le.FH 18)	 105mm 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)	 210mm Gun Battery (K 12)	 210mm Gun Battery (K 38)	 210mm Gun Battery (K 39)	 240mm Gun Battery	 240mm Gun Battery (K 3)	 Heavy Field Howitzer Battery	 150mm Field Howitzer Bty. (s.lg. FH 13)	 150mm Field Howitzer Bty. (s.FH 18)
 210mm Howitzer Bty. (lg. Mörser)	 210mm Howitzer Bty. (M 18)	 240mm Howitzer Bty. (H 39)	 305mm Howitzer Battery	 355mm Howitzer Bty. (M 1)	 420mm Howitzer Battery	 600mm Howitzer Bty. (Karl Gerät)	 Recoilless Gun Battery	 Searchlight Army AA Battery	 20mm Flak Army AA Battery	 37mm Flak Army AA Battery	 88mm Flak Army AA Battery
 105mm Rocket Launcher Bty. (Nbl.W. 35)	 105mm Rocket Launcher Bty. (Nbl.W. 40)	 150mm Rocket Launcher Bty. (Nbl.W. 41)	 210mm Rocket Launcher Bty. (Nbl.W. 42)	 280/320mm RL Bty. (Wfr. 40/41)	 Decontamination Battery	 Motorized Headquarters Battery	 Mot. Hqs. Battery (Pz. Div.)	 Hqs. Bty. Assault Gun Battalion	 Hqs. Bty. Army AA Battalion	 Hqs. Bty. Rocket Battalion	 Hqs. Bty. Art. Obs. Battalion
 Motorized Calibration Detachment	 Mountain Calibration Detachment	 Motorized Calibration Platoon	 Weather Detachment	 Weather Platoon	 Motorized Calibration Battery	 Sound-Ranging Battery	 Flash-Ranging Battery	 Art. Obs. Battery (Pz. Div.)	 Motorized Balloon Battery	 Artillery Motor Towing Detachment	 Lt. Artillery Transport Col. (mot)

SIGNAL 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	 Lt. Artillery Signal Col. (mot)
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REAR ECHELON UNITS

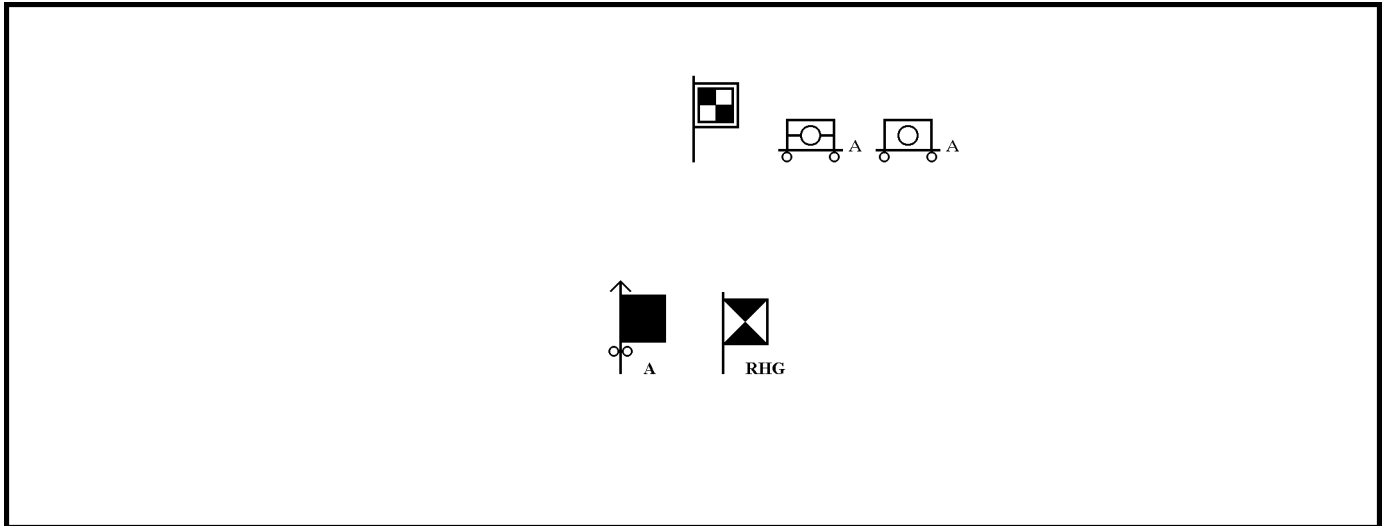
 Horse-Drawn Transport Column (15t)	 Horse-Drawn Transport Column (30t)	 Horse-Drawn Transport Column (60t)	 Motorized Transport Column (30t)	 Motorized Transport Column (60t)	 Motorized Supply Company	 Motorized P.O.L. Col. (25cbm)	 Motorized P.O.L. Col. (50cbm)	 Motorized Water Tanker Col. (60cbm)	 Motorized Maintenance Platoon	 Motorized Maintenance Company	 Park
 Carrier Pigeon Dovecot	 Motorized Mapping Detachment	 Motorized Printing Detachment	 Casualty Transport Company	 Casualty Field Hospital	 Light Casualty Field Hospital	 Field Hospital	 Medical Company	 Motorized Ambulance Platoon	 Veterinary Company	 Veterinary Hospital	 Horse Transport Col. (mot)
 Motorized Baker Company	 Motorized Butcher Company	 Motorized Commissary Detachment	 Motorized Field Post Detachment	 Motorized Military Platoon	 Motorized Military Police Company	 Secret Field Police Detachment	 Survey Detachment (motorized)	 Survey Company (motorized)	 Survey Printing Det. (mot)	 Labor or Construction Company	 Armored Train

<i>Abbr.</i>	<i>German</i>	<i>English</i>	<i>Abbr.</i>	<i>German</i>	<i>English</i>
		A			
AA	–	antiaircraft	Kol	Kolonne	Column
A.A.	Aufklärungs-Abteilung	reconnaissance battalion	Kp	Kompanie	Company
Abt	Abteilung	Battalion echelon unit	Krad	Kraftrad	motorcycle
–	Abschnitt	Sector	KSTN	Kriegstärkenachweisung	Table of Organization
AFV	–	armored fighting vehicle	kz	kurz	short
Agr	Armeegruppe	temporary group of several Corps			L
Ammo	–	ammunition	l, le, lei	leicht	light
–	Amt	office / department / section	–	Lehr	demonstration
Armd	–	armored	lg	lang	long
–	Armee	Army	Li	Lichtmess	flash ranging
AK	Armeekorps	Army Corps	LMG	–	light machine gun
AT	–	antitank	lt	–	light
ATG	–	antitank gun	Lw, Ldw	Landwehr	Militia / National Guard
ATR	–	antitank rifle	L, Lw	Luftwaffe	German Air Force
Arko	Artillerie Kommandeur	Artillery Commander			M
Aufkl	Aufklärungs-	reconnaissance	M, Mörs	Mörser	heavy howitzer
Ausf	Ausführung	mark / model / type	m	mittler	medium
		B	mcl (w/sc)	–	motorcycle (with sidecar)
Battr	Batterie	Battery (Company echelon unit)	med	–	medium
Btl, Batl	Bataillon	Battalion	MG	Maschinengewehr	machine gun
Bb, Beob	Beobachtung	observation	mot	motorisiert	motorized
Bef-Pz	Befehlspanzer	command tank	mot S	mot. Selbstfahrlafette	motorized self-propelled carriage
Bn	–	Battalion	mot Z	motorisierter Zug	motorized prime mover
Brig	Brigade	Brigade			N
Bty	–	Battery (Company echelon unit)	Nachr	Nachrichten-	signal
		C	Nbl	Nebel	smoke
cc	–	cross-country	Nbl W	Nebelwerfer	rocket launcher
Co	–	Company	NCO	–	Non-Commissioned Officer
CO	–	commanding officer			O
Col	–	(unit) Column	Ob	Oberbefehlshaber	Commander-in-Chief
		D	Off	–	Officer
Det	–	Detachment	OKH	Oberkommando des Heeres	Army High Command
sDiv	Division	Division	OKW	Oberkommando der Wehrmacht	Armed Forces High Command
		E	ops	–	operations
(E)	Eisenbahn	railroad			P
EM	–	Enlisted Man	Pak	Panzerabwehrkanone	(weapon) antitank gun
Engr	–	Engineer	Pi, Pion	Pionier	Engineer
		F	Plt	–	Platoon
F, Fest	Festung	Fortress	Prop	Propaganda	propaganda
FH	Feldhaubitze	field howitzer (gun-howitzer)	Pz, Panz	Panzer	tank, armor
FK	Feldkanone	field gun	Pz.Div.	Panzer-Division	Armored Division
Fla	Fliegerabwehr	antiaircraft			R
Flak	Flugabwehrkanone	(weapon) antiaircraft gun	Recon	–	reconnaissance
Flak	Flugabwehr	(unit) antiaircraft defense	RHG	Rückwärtiges Heeresgebiet	Army Group Rear Area
Fin.	–	Finnish	Rgt	Regiment	Regiment
		G	Rum.	–	Rumanian
G, Gesch	Geschütz	gun (cannon)			S
Geb	Gebirgs-	mountain	s, schw	schwer	heavy
Geb.Div.	Gebirgs-Division	Mountain Division	S	Schützen	mechanized infantry (lit.: riflemen)
Gen	–	(rank) general	Sch	Schallmess	sound ranging
gem	gemischt(e)(er)-	mixed	Sd	sonder	special
GHQ	–	General Headquarters	Sd Kfz	Sonder-Kraftfahrzeug	special military motor vehicle
GK	Gebirgskanone	mountain gun	Sect	–	Section
Gen Kdo	General Kommando	Corps echelon Command	Sich.Div.	Sicherungs-Division	Security Division
gp, gep	gepanzert	armored	Slovak	–	Slovakian
Gr	Gruppe	Group	SMG	–	sub machine gun
Grz	Grenz	Border	SP, SP'd	–	self-propelled
Grz Schtz	Grenzschtz	Border Protection	Sdq	–	Squad
Grz Tr	Grenztruppen	Border Troops	Sqdn	–	Squadron (Company echelon unit)
Grz Wa	Grenzwacht	Border Guards	SS	Waffen-SS	Nazi Party military arm
GSO	(Beamte)	Government Service Official	ss, sw	schwerste	super heavy
		H	St, Stb	Stab	headquarters
H, Haub	Haubitze	howitzer			T
H Tr	Heerestruppen	GHQ Troops	(t)	tschechisch	Czechoslovakian
Harko	Höhere Artillerie Kommandeur	Higher Artillery Commander	tele	–	telephone
HE	–	high explosive	Tr	Trupp/Trupps	(unit) Section (lit.: Troop)/Sections
Hgr	Heeresgruppe	Army Group	Tr	Truppen	(general designation) Troops
HMG	–	heavy machine gun			V
Hqs	–	headquarters	Verb	Verband	formation
hvy	–	heavy	verl	verlastet	truck-borne / portee
		I	Versorg	Versorgungs-	service / ggsupport
IG	Infanterie-Geschütze	infantry gun	Verpfl A	Verpflegungsamt	rations administration section
I, Inf	Infanterie	Infantry			W
Inf.Div.	Infanterie-Division	Infantry Division	w/ (w/o)	–	with (without)
		K	–	Welle	mobilization group (lit.: wave)
K, Kan	Kanone	gun	–	Werkstatt	maintenance (lit.: workshop)
Kav	Kavallerie	Cavalry	Wfr	Werfer	(rocket-, grenade-) launcher
Kdo	Kommando	Command	WK	Wehrkreis	Military District
Kdr	Kommandeur	commander			Z
Kdt	Kommandant	commandant	zbV	zur besonderer Verwendung	special, for special purposes / use
kl	klein	small, light	Zug	–	(unit) Platoon
			Zug	–	(vehicle) prime mover

	<p>Norwegen Armeec 710. Inf. Div.</p>	<p>XXXIII. Höhere Kommando 181. Inf. Div. 196. Inf. Div.</p> <p>LXX. Höhere Kommando 69. Inf. Div. 163. Inf. Div. 214. Inf. Div.</p> <p>XXXVI. Höhere Kommando 169. Inf. Div. SS-Nord (mot)</p> <p>Gebirgskorps Norwegen 2. Geb. Div. 3. Geb. Div. 199. Inf. Div. 702. Inf. Div.</p> <p>III Finnish Corps 6th Fin. Inf. Div. 3rd Fin. Inf. Div.</p>	<p>ARMY GROUP NORTH XXIII. A.K. - 206. Inf. Div. - 251. Inf. Div. - 254. Inf. Div.</p>	<p>16. Armeec 253. Inf. Div.</p>	<p>II. Armeekorps 12. Inf. Div. 32. Inf. Div. 121. Inf. Div.</p> <p>X. Armeekorps 30. Inf. Div. 126. Inf. Div.</p> <p>XXVIII. Armeekorps 122. Inf. Div. 123. Inf. Div.</p>	
<p>FINNISH ARMY 14th Fin. Inf. Div.</p>	<p>Finnish Carelian Army 1st Fin. Inf. Div. 7th Fin. Inf. Div. 163. Inf. Div.</p>	<p>Finnish Oinonen Group Fin. Cav. Group 1st Fin. Inf. Brig. 2nd Fin. Inf. Brig.</p> <p>VI Finnish Corps 5th Fin. Inf. Div. 1st Fin. Inf. Div.</p> <p>VII Finnish Corps 7th Fin. Inf. Div. 19th Fin. Inf. Div.</p> <p>II Finnish Corps 2nd Fin. Inf. Div. 10th Fin. Inf. Div. 15th Fin. Inf. Div. 18th Fin. Inf. Div.</p> <p>IV Finnish Corps 4th Fin. Inf. Div. 8th Fin. Inf. Div. 12th Fin. Inf. Div.</p>	<p>ARMY GROUP CENTER LIII. A.K. - 293. Inf. Div.</p>	<p>18. Armeec 291. Inf. Div.</p>	<p>I. Armeekorps 1. Inf. Div. 11. Inf. Div. 21. Inf. Div.</p> <p>XXXVI. Armeekorps 61. Inf. Div. 217. Inf. Div.</p> <p>XXXVIII. Armeekorps 58. Inf. Div.</p>	<p>4. Panzergruppe SS-Totenkopf-Div. (mot) 1. Pz. Div. 6. Pz. Div. 36. Inf. Div. (mot) 269. Inf. Div.</p> <p>LVI. Armeekorps (mot) 8. Pz. Div. 3. Inf. Div. (mot) 290. Inf. Div.</p> <p>RHG 101 207. Sich. Div. 281. Sich. Div. 285. Sich. Div.</p>
<p>ARMY GROUP D 15. Inf. Div. [9] 52. Inf. Div. [2] 86. Inf. Div. [1] 95. Inf. Div. [10] 719. Inf. Div. Polizei Inf. Div. [7]</p>	<p>1. Armeec XXXXV. Höhere Kommando 215. Inf. Div. [12] 260. Inf. Div. [12] 339. Inf. Div. [12] 342. Inf. Div.</p> <p>XXVII. Armeekorps 94. Inf. Div. [12] 98. Inf. Div. [12] 327. Inf. Div. 335. Inf. Div. 337. Inf. Div.</p> <p>7. Armeec XXXI. Höhere Kommando 88. Inf. Div. 212. Inf. Div. 233. Inf. Div. 333. Inf. Div. 708. Inf. Div.</p> <p>LIX. Höhere Kommando 81. Inf. Div. 246. Inf. Div. 305. Inf. Div. 715. Inf. Div.</p> <p>XXV. Armeekorps 205. Inf. Div. 211. Inf. Div. 709. Inf. Div. 712. Inf. Div.</p> <p>15. Armeec 93. Inf. Div. [12] 711. Inf. Div.</p> <p>LX. Höhere Kommando 83. Inf. Div. 216. Inf. Div. 319. Inf. Div. 323. Inf. Div.</p> <p>XXXII. Höhere Kommando 96. Inf. Div. [12] 225. Inf. Div. 302. Inf. Div. 322. Inf. Div. 336. Inf. Div. 716. Inf. Div.</p> <p>XXXVII. Höhere Kommando 208. Inf. Div. 227. Inf. Div. 304. Inf. Div. 306. Inf. Div. 320. Inf. Div. 321. Inf. Div. 340. Inf. Div.</p>	<p>XXVIII. Gebirgskorps 5. Geb. Div. 6. Geb. Div.</p> <p>LI. Armeekorps [12] 46. Inf. Div. [12] 73. Inf. Div. [12] 183. Inf. Div. [12] 294. Inf. Div. [12]</p> <p>Kommandant Kreta Befh. Saloniki-Agäis Befh. Südgrichenland Befh. Serbien</p> <p>Gen.d deutsch.Heeres bei der Kgl. Bulgarisch. Heeres. Ltg. Deutsch. General beim Obkdo. der Kgl. Ung. Wehrmacht</p> <p>Deutsches Afrika Korps 5. lei. Div. (mot) 21. Pz. Div.</p> <p>Militärbefehlshaber Frankreich Militärbefehlshaber Belgien und Nordfrankreich Militärbefehlshaber im General-Gouvernement</p>	<p>4. Armeec VII. Armeekorps 7. Inf. Div. 23. Inf. Div. 258. Inf. Div. 268. Inf. Div.</p> <p>IX. Armeekorps 137. Inf. Div. 263. Inf. Div. 292. Inf. Div.</p> <p>XIII. Armeekorps 17. Inf. Div. 78. Inf. Div.</p> <p>XXXIII. Armeekorps 131. Inf. Div. 134. Inf. Div. 252. Inf. Div.</p> <p>2. Panzergruppe 255. Inf. Div. XII. Armeekorps 31. Inf. Div. 34. Inf. Div. 45. Inf. Div.</p> <p>XXIV. Armeekorps (mot) 10. Inf. Div. (mot) 1. Kav. Div. 267. Inf. Div. 3. Pz. Div. 4. Pz. Div.</p> <p>XXXXVI. Armeekorps (mot) 10. Pz. Div. SS-Reich-Div. (mot) Grossdeutschland (mot)</p> <p>XXXXVII. Armeekorps (mot) 17. Pz. Div. 18. Pz. Div. 29. Inf. Div. (mot) 167. Inf. Div.</p> <p>9. Armeec V. Armeekorps 5. Inf. Div. 35. Inf. Div.</p> <p>VI. Armeekorps 6. Inf. Div. 26. Inf. Div.</p> <p>VIII. Armeekorps 8. Inf. Div. 28. Inf. Div. 161. Inf. Div.</p> <p>XX. Armeekorps 162. Inf. Div. 256. Inf. Div.</p> <p>XXXXII. Armeekorps 87. Inf. Div. 102. Inf. Div. 129. Inf. Div.</p> <p>3. Panzergruppe XXXIX. Armeekorps (mot) 7. Pz. Div. 20. Pz. Div. 14. Inf. Div. (mot) 20. Inf. Div. (mot)</p> <p>LVII. Armeekorps (mot) 12. Pz. Div. 19. Pz. Div. 18. Inf. Div. (mot)</p> <p>RHG 102 221. Sich. Div. [13] 286. Sich. Div. [14] 403. Sich. Div. [15]</p>	<p>6. Armeec LV. Armeekorps 168. Inf. Div.</p> <p>1. Panzergruppe 16. Inf. Div. (mot) 25. Inf. Div. (mot) 9. Pz. Div. 16. Pz. Div. 1. SSAH (mot) SS-Wiking-Div. (mot)</p>	<p>XVII. Armeekorps 56. Inf. Div. 62. Inf. Div.</p> <p>XXXXIV. Armeekorps 9. Inf. Div. 297. Inf. Div.</p> <p>III. Armeekorps (mot) 14. Pz. Div. 44. Inf. Div. 298. Inf. Div.</p> <p>XIV. Armeekorps (mot) 13. Pz. Div.</p> <p>XXIX. Armeekorps 111. Inf. Div. 299. Inf. Div.</p> <p>XXXXVIII. Armeekorps (mot) 11. Pz. Div. 57. Inf. Div. 75. Inf. Div.</p>	<p>3rd Rumanian Army IV Rumanian Corps 6th Rum. Inf. Div. 7th Rum. Inf. Div.</p> <p>Rumanian Mountain Corps 1st Rum. Mtn. Brig. 2nd Rum. Mtn. Brig. 4th Rum. Mtn. Brig.</p> <p>Rumanian Cavalry Corps 5th Rum. Cav. Brig. 8th Rum. Cav. Brig.</p>
<p>OKH Reserves scheduled for the East Front</p>	<p>12. Armeec 132. Inf. Div. [11]</p>	<p>LI. Armeekorps [12] 46. Inf. Div. [12] 73. Inf. Div. [12] 183. Inf. Div. [12] 294. Inf. Div. [12]</p> <p>Kommandant Kreta Befh. Saloniki-Agäis Befh. Südgrichenland Befh. Serbien</p> <p>Gen.d deutsch.Heeres bei der Kgl. Bulgarisch. Heeres. Ltg. Deutsch. General beim Obkdo. der Kgl. Ung. Wehrmacht</p> <p>Deutsches Afrika Korps 5. lei. Div. (mot) 21. Pz. Div.</p> <p>Militärbefehlshaber Frankreich Militärbefehlshaber Belgien und Nordfrankreich Militärbefehlshaber im General-Gouvernement</p>	<p>ARMY GROUP SOUTH 99. lei. Div.</p>	<p>11. Armeec 22. Inf. Div.</p>	<p>XI. Armeekorps 76. Inf. Div. 239. Inf. Div. 1st Rum. Arm. Div. 6th Rum. Cav. Brig.</p> <p>XXX. Armeekorps 198. Inf. Div. 3rd Rum. Inf. Div. 13th Rum. Inf. Div. 14th Rum. Inf. Div.</p> <p>LIV. Armeekorps 50. Inf. Div. 170. Inf. Div. 5th Rum. Inf. Div.</p> <p>Heeresmission Rumänien 72. Inf. Div.</p>	<p>4th Rumanian Army III Rumanian Corps Guards Inf. Div. 15th Rum. Inf. Div. 35th Rum. Inf. Div.</p> <p>V Rumanian Corps Rum. Frontier Div. 2nd Rum. Inf. Div.</p> <p>XI Rumanian Corps 1st Rum. Fortress Brig. 2nd Rum. Fortress Brig.</p>
<p>OKH Reserves scheduled for the East Front</p>	<p>12. Armeec 132. Inf. Div. [11]</p>	<p>LI. Armeekorps [12] 46. Inf. Div. [12] 73. Inf. Div. [12] 183. Inf. Div. [12] 294. Inf. Div. [12]</p> <p>Kommandant Kreta Befh. Saloniki-Agäis Befh. Südgrichenland Befh. Serbien</p> <p>Gen.d deutsch.Heeres bei der Kgl. Bulgarisch. Heeres. Ltg. Deutsch. General beim Obkdo. der Kgl. Ung. Wehrmacht</p> <p>Deutsches Afrika Korps 5. lei. Div. (mot) 21. Pz. Div.</p> <p>Militärbefehlshaber Frankreich Militärbefehlshaber Belgien und Nordfrankreich Militärbefehlshaber im General-Gouvernement</p>	<p>Antonescu Group 11th Rum. Inf. Div.</p> <p>II. Rum. Corps - 9th Rum. Inf. Div. - 10th Rum. Inf. Div. - 7th Rum. Cav. Brig.</p>	<p>17. Armeec 97. lei. Div. 100. lei. Div.</p>	<p>XL. Armeekorps 24. Inf. Div. 71. Inf. Div. 262. Inf. Div. 295. Inf. Div. 296. Inf. Div.</p> <p>XXXXIX. Gebirgskorps 68. Inf. Div. 257. Inf. Div. 1. Mtn. Div.</p> <p>LII. Armeekorps 101. lei. Div. Slovak Brig. (mot)</p> <p>Slovak Corps 1st Slovak Inf. Div. 2nd Slovak Inf. Div.</p> <p>RHG 103 213. Sich. Div. [16] 444. Sich. Div. [17] 454. Sich. Div. [17]</p>	<p>11. Armeec 22. Inf. Div.</p> <p>XXX. Armeekorps 198. Inf. Div. 3rd Rum. Inf. Div. 13th Rum. Inf. Div. 14th Rum. Inf. Div.</p> <p>LIV. Armeekorps 50. Inf. Div. 170. Inf. Div. 5th Rum. Inf. Div.</p> <p>Heeresmission Rumänien 72. Inf. Div.</p>
<p>OKH Reserves scheduled for the East Front</p>	<p>12. Armeec 132. Inf. Div. [11]</p>	<p>LI. Armeekorps [12] 46. Inf. Div. [12] 73. Inf. Div. [12] 183. Inf. Div. [12] 294. Inf. Div. [12]</p> <p>Kommandant Kreta Befh. Saloniki-Agäis Befh. Südgrichenland Befh. Serbien</p> <p>Gen.d deutsch.Heeres bei der Kgl. Bulgarisch. Heeres. Ltg. Deutsch. General beim Obkdo. der Kgl. Ung. Wehrmacht</p> <p>Deutsches Afrika Korps 5. lei. Div. (mot) 21. Pz. Div.</p> <p>Militärbefehlshaber Frankreich Militärbefehlshaber Belgien und Nordfrankreich Militärbefehlshaber im General-Gouvernement</p>	<p>ARMY GROUP SOUTH 99. lei. Div.</p>	<p>2. Armeec XXXIV. Höh. Kdo. XXXV. Höh. Kdo. 4. Geb. Div. 125. Inf. Div. 1. RFSS Brig. (mot)</p>	<p>XL. Armeekorps 24. Inf. Div. 71. Inf. Div. 262. Inf. Div. 295. Inf. Div. 296. Inf. Div.</p> <p>XXXXIX. Gebirgskorps 68. Inf. Div. 257. Inf. Div. 1. Mtn. Div.</p> <p>LII. Armeekorps 101. lei. Div. Slovak Brig. (mot)</p> <p>Slovak Corps 1st Slovak Inf. Div. 2nd Slovak Inf. Div.</p> <p>RHG 103 213. Sich. Div. [16] 444. Sich. Div. [17] 454. Sich. Div. [17]</p>	<p>11. Armeec 22. Inf. Div.</p> <p>XXX. Armeekorps 198. Inf. Div. 3rd Rum. Inf. Div. 13th Rum. Inf. Div. 14th Rum. Inf. Div.</p> <p>LIV. Armeekorps 50. Inf. Div. 170. Inf. Div. 5th Rum. Inf. Div.</p> <p>Heeresmission Rumänien 72. Inf. Div.</p>

[1] In process of arriving at the East Front from 19.06.41 through 26.06.41.
 [2] In process of arriving at the East Front from 20.06.41 through 26.06.41.
 [3] In process of arriving at the East Front from 21.06.41 through 26.06.41.
 [4] In process of arriving at the East Front from 22.06.41 through 23.06.41.
 [5] In process of arriving at the East Front from 22.06.41 through 27.06.41.
 [6] En route to the East Front, arriving from 23.06.41 through 29.06.41.
 [7] En route to the East Front, arriving from 24.06.41 through 01.07.41.
 [8] En route to the East Front, arriving from 25.06.41 through 03.07.41.
 [9] En route to the East Front, arriving from 26.06.41 through 03.07.41.
 [10] En route to the East Front, arriving from 27.06.41 through 03.07.41.
 [11] En route to the East Front, arriving from 28.06.41 through 04.07.41.
 [12] Reserves scheduled to arrive at the East Front starting 04.04.41.
 [13] The 221. Sich. Div. temporarily detached to VII. Armeekorps, 4. Armeec.
 [14] The 286. Sich. Div. temporarily detached to 4. Armeec reserves.
 [15] The 403. Sich. Div. temporarily detached to 9. Armeec reserves.
 [16] The 213. Sich. Div. temporarily detached to 6. Armeec reserves.
 [17] The 444. and 454. Sich. Div. temporarily detached to LII. Armeekorps, 17. Armeec.
 [18] The 2. SS-Brig. (mot) was being raised in Poland (Generalgouvernement) by the SS. Arrived at the East Front from 25.06.41 through 03.07.41.

ARMEEGRUPPE-OBERKOMMANDO
Headquarters, Army Group



KStN 9 *)
 1.01.1940

Headquarters, Army Group
 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 *)
 25.11.1939

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 *)
 1.10.1937

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

KStN 2074
 01.10.1937

Motorized Printing Platoon
 Plt: 1 car (light); 3 buses (medium, as workshop); 1 van (medium); 1 tractor (medium); 1 trailer (enclosed); 2 trailers (24).

KStN 80 *)
 1.02.1941

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.

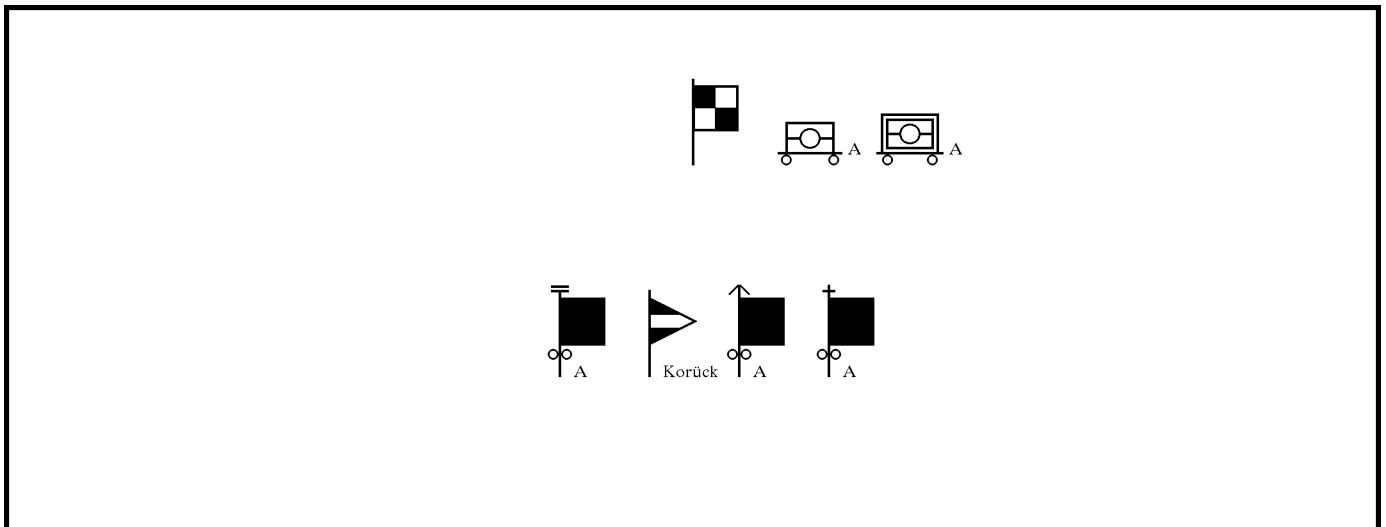
NOTES:

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	Army Mapping Detachment	Army Signal Regiment	Commander Rear Area
Army Group North	Gen.Feldm. Ritter von Leeb	524	639. Rgt.	101
Army Group Center	Gen.Feldm. von Bock	530	537. Rgt.	102
Army Group South	Gen.Feldm. v. Rundstedt	520	570. Rgt.	103
Army Group D ¹⁾	Gen.Feldm. von Witzleben	?	603. Abt.	–

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

ARMEE-OBERKOMMANDO
Headquarters, Army

**KStN 11 *)**

1.01.1940

Headquarters, Army

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 *)

1.10.1937

Motorized Army Mapping Detachment

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

KStN 2070 *)

1.10.1937

Motorized Army Map Depot

Det: 1 car (light); 6 vans (medium); 6 vans (heavy); 1 cargo trailer (2 axle).

KStN 1200 *)

1.10.1937

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 *)

1.02.1941

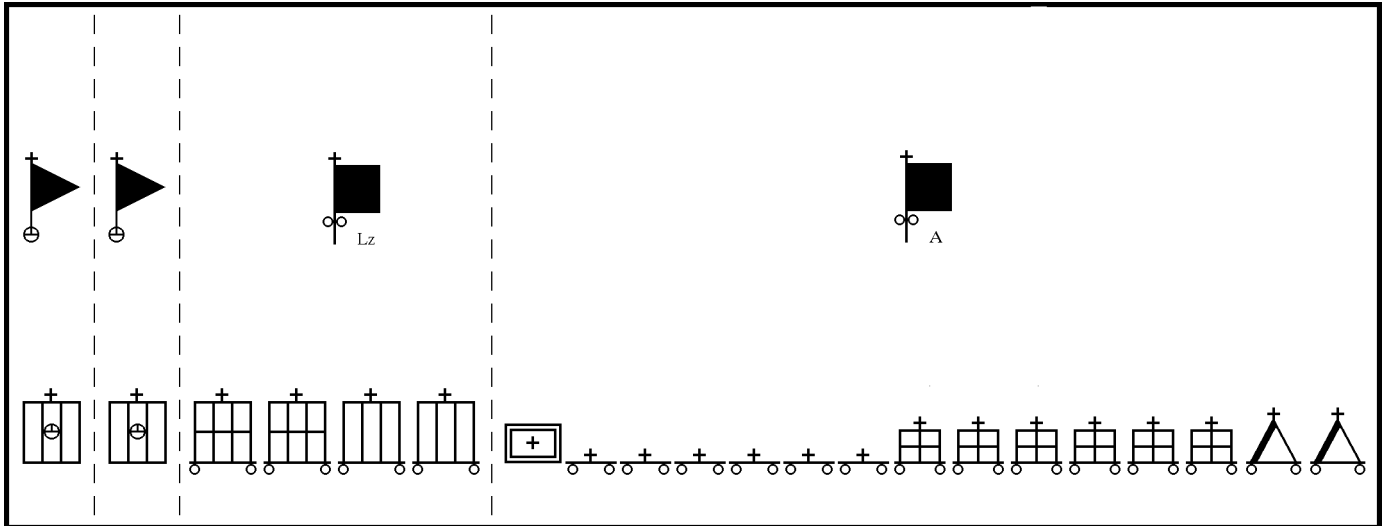
Commander, Army Rear Area (*Korück*)

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

Command	Commanding Officer	Mapping Detachment	Map Depot	Army Supply Commander	Commander Rear Area	Army Signals	Army Medical Regiment
1st Army	Gen.Obst. Blaskowitz	590	?	579	588	512. Abt.	–
2nd Army ^[1]	Gen.Obst. Frhr. von Weichs	540	548	548	–	563. Rgt.	–
4th Army	Gen.Feldm. von Kluge	570	571	571	580	589. Rgt.	582
6th Army	Gen.Fel.m. von Reichenau	580	?	541	585	549. Rgt.	542
7th Army	Gen.Obst. Dollmann	550	?	575	–	531. Abt.	–
9th Army	Gen.Obst. Strauss	600	572	531	582	511. Rgt.	532
11th Army	Gen.Obst. Ritter von Schobert	524	521	521	553	558. Rgt.	553
12th Army	Gen.Feldm. List	510	–	530	560	521. Rgt.	695
15th Army	Gen.Obst. Haase	515	?	590	–	509. Abt.	–
16th Army	Gen.Obst. Busch	536	574	560	584	501. Rgt.	572
17th Army	Gen.d.Inf. von Stülpnagel	517	544	591	550	596. Rgt.	562
18th Army	Gen.Obst. von Küchler	580	–	516	583	520. Rgt.	501
Norway	Gen.Obst. von Falkenhorst	463	–	–	–	635. Abt.	–

[1] The 2nd Army was OKH Reserve, and had no units allocated besides those indicated in the table above.

ARMEE-SANITÄTS-EINHEITEN
Army Medical Units



- KStN 1302 *) Headquarters, Motorized Army Medical Battalion**
1.10.1937
Bn Hqs: 1 truck (light); 1 bicycle.
Group of Consulting Physicians.
Motor Pool: 1 mcl; 1 mcl w/sc; 10 cars (light); 2 trucks (light); 2 vans (medium); 1 bus (15 seats)
- KStN 1313 *) Motorized Medical Company**
1.01.1941
Co Hqs: 1 mcl; 1 mcl w/sc; 2 cars (15); 1 truck (light); 1 bus.
2 Lt Radio Sect *a*: ride in company headquarters light truck.
2 Medical Plt: 1 mcl w/sc; 1 car (11); 5 truck (medium); 1 van (medium); 5 ambulances (31).
Maint Sect: 1 mcl w/sc; 1 car (2/40).
- KStN 1342 Motorized Field Hospital**
1.02.1941
Co Hqs: 2 mcl w/sc; 1 car (medium); 1 truck (light); 1 bus (medium).
2 Hospital Plt: 1 car (light); 3 trucks (light); 1 van (medium); 1 bus (light); 1 ambulance (31).
Maint Sect: 1 mcl w/sc; 1 car (2/40).
- KStN 1365 *) Motorized Ambulance Platoon**
1.02.1941
Plt Hqs: 1 car (light); 2 trucks (light).
3 Sect: 5 ambulances (31).
- KStN 1381 *) Medical Park**
1.04.1936
Park Hqs
3 Park Plt
Motor Pool: 3 mcl w/sc; 1 car (medium); 27 trucks (light); 15 wheeled tractors; 3 trailers (3 ton); 12 trailers (5 ton). [approx.]
-
- KStN 1304 *) Headquarters, Motorized Military Hospital Battalion**
1.02.1941
Hqs Sect: 1 bicycle.
Medical Personnel Reserve:
4 Surgical Teams
Chaplain Group
Motor Pool: 11 cars (light); 3 cars (medium); 2 trucks (light); 1 truck (medium);
1 trailer for decontamination with showers (SdAh 11).
- KStN 1352 *) Motorized Military Hospital**
1.02.1941
Hospital: 1 mcl w/sc; 1 car (medium); 4 trucks (light); 2 buses (medium).
- KStN 1354 *) Motorized Light Casualty Hospital**
1.02.1941
Hospital: 1 mcl w/sc; 1 car (medium); 2 trucks (light); 1 bus (medium).
-
- KStN 1303 *) Headquarters, Casualty Transport Battalion**
1.02.1941
Co Hqs: 2 mcl w/sc; 1 car (light); 1 bus (light).
- KStN 1361 Casualty Transport Company**
1.10.1937
Co Hqs: 1 bicycle; 1 mcl w/sc; 1 car (light); 3 trucks (medium).
3 Transport Plt: 1 truck (medium).
Maint Sect: 1 mcl w/sc; 1 car (2/40).

NOTES:

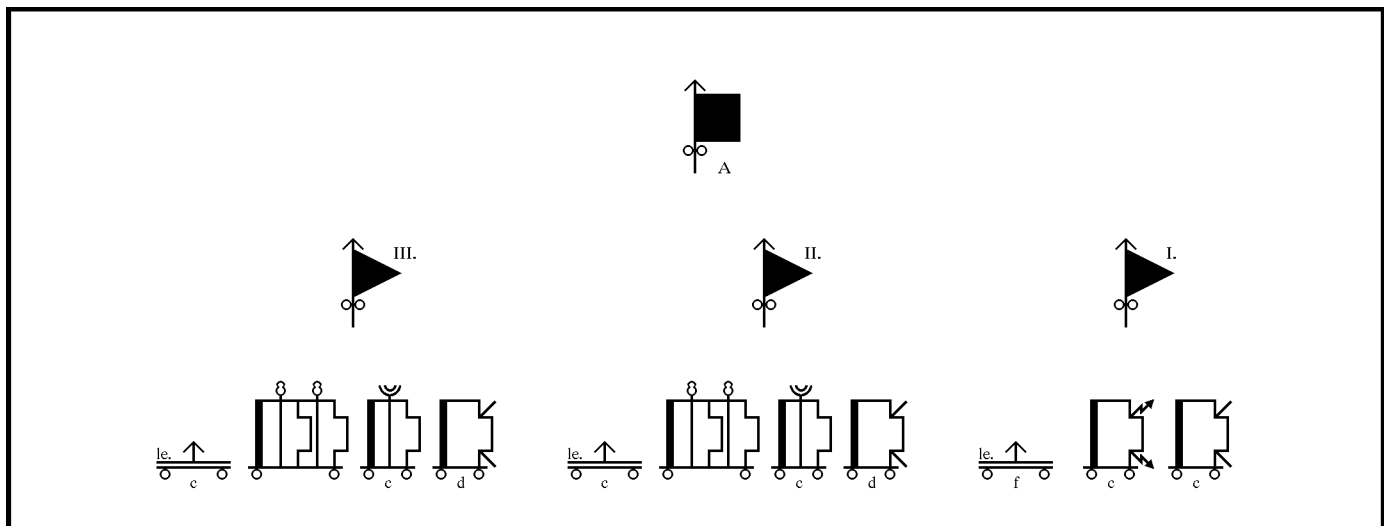
The Headquarters, Motorized Army Medical Battalion was represented by a regimental symbol, as the battalion was commanded by an officer in billet group "R", who was also the Army Surgeon. Part of the battalion headquarters served in the army headquarters as the staff for the Army Surgeon, who was furthermore responsible for all other medical units in the army.

Interestingly enough, the number of medical sub-units remained reasonably constant, whether the army was engaged in an attack, or in a quiet sector of the

front. Additional units which were added or subtracted to compensate for the number of units and divisions assigned to the army were the field hospitals and ambulance platoons. The number of medical, casualty transport, and military hospital units seldom varied.

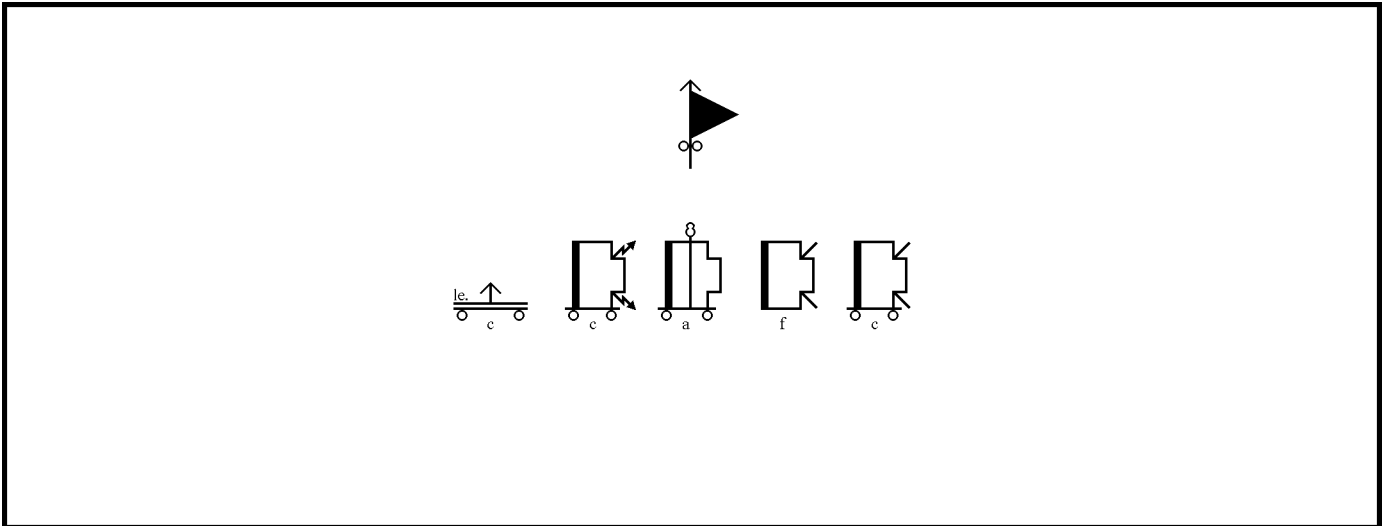
The Military Hospital Battalion was also commanded by an officer in billet group "R", and thus this unit was also represented by a regimental echelon symbol. Nevertheless, the commander was subordinate to the Army Surgeon.

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



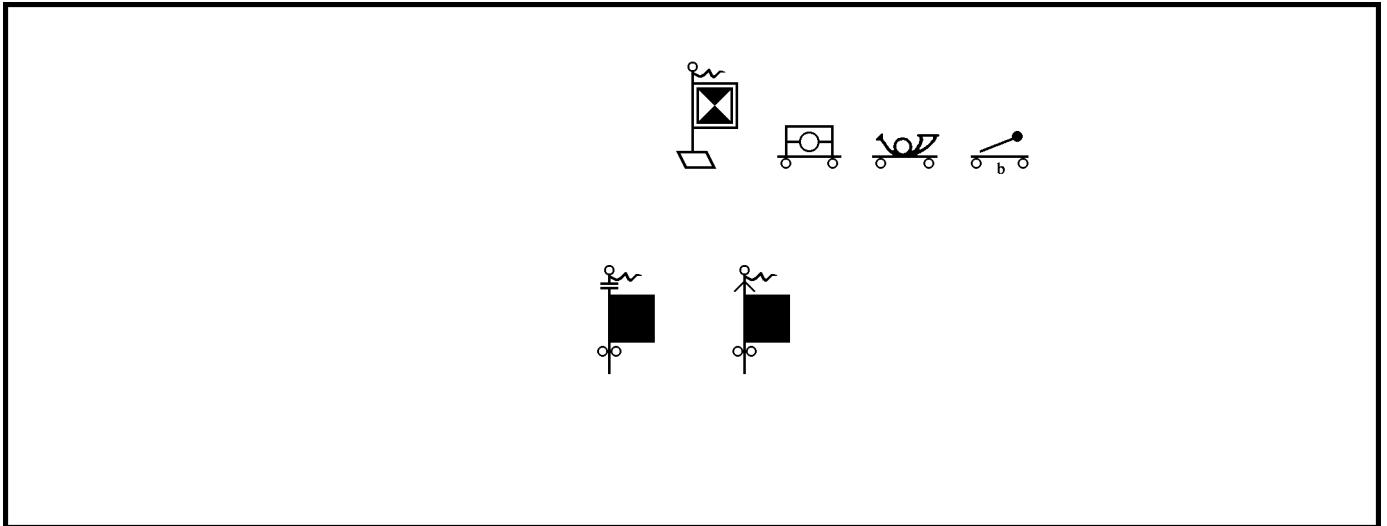
- KStN 802 *)**
1.03.1939
Headquarters, Army Motorized Signal Regiment
Rgt Hqs: 2 mcl; 2 cars (15); 1 bus (light/15 seats); 1 truck (light).
- KStN 804**
1.10.1937
Headquarters, Army Motorized Signal Battalion
Bn Hqs: 2 mcl; 3 cars (15); 2 trucks (light).
- KStN 851 *)**
1.08.1939
Army Motorized Telephone Operations Company "c"
Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (15); 1 truck (light).
1st Plt: Hqs Sect: 1 mcl; 1 car (15/1).
4 Tele Ops Sect c: 1 car (15/1); 1 van (61).
3 Tele Signal Amplifier Sect c: 1 van (61).
2nd Plt: Hqs Sect: 1 mcl; 1 car (15/2).
2 Telex Sect: 1 van (72); 1 trailer (generator).
2 Telex Ops Sect: 1 car (15/1); 1 van (72).
2 Telex Coding Sect: 1 van (72); 1 trailer (generator).
3rd Plt: Hqs Sect: 1 mcl; 1 car (15/2).
3 Med Tele Maintenance Sect: 1 truck (2-ton).
2 Lt Tele Sect b: 1 car (15/1).
2 Med Tele Cable Calibration Sect: 1 van (61).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 mcl; 4 trucks (light); 2 trucks (3-ton).
- KStN 861 *)**
1.03.1940
Army Motorized Radio Company "c"
Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (15); 1 truck (light).
1st Plt: Hqs Sect: 1 mcl; 1 car (15/2).
3 Hvy Radio Sect c: 1 car (2/1); 1 van (61).
2nd Plt: Hqs Sect: 1 mcl; 1 car (15/2).
9 Med Radio Sect c: 1 car (15); 1 van (17).
3rd Plt: Hqs Sect: 1 mcl; 1 car (15/2).
1 Med Radio Sect c: 1 car (15); 1 van (17).
1 Med Air Liaison Radio Sect c: 1 van (17).
1 Code Sect: 2 cars (15).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 mcl; 3 trucks (light); 1 truck (3-ton).
- KStN 852**
1.10.1937
Army Motorized Telephone Operations Company "d"
Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (15); 1 truck (light).
2 Plt: Hqs Sect: 2 mcl; 1 car (15).
1 Lt Tele Sect b: 1 car (15/1).
1 Hvy Tele Sect b: 1 car (2/1); 1 van (77).
1 Tele Ops Sect b: 1 car (15/1); 1 van (61).
2 Tele Ops Sect a: 1 car (15/1); 1 van (17).
1 Plt: Hqs Sect: 2 mcl; 1 car (15).
1 Lt Tele Sect b: 1 car (15/1).
2 Tele Ops Sect b: 1 car (15/1); 1 van (61).
2 Tele Signal Amplifier Sect b: 1 van (61).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 mcl; 4 trucks (light); 2 trucks (3-ton).
- KStN 844**
1.10.1937
Army Motorized Telephone Cable Company "c"
Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (15); 1 truck (light).
3 Plt: Hqs Sect: 2 mcl; 1 car (15); 2 trucks (3-ton).
3 Tele Cable Sect: 1 car (2/1); 2 trucks (3-ton).
Co Trains: 1 mcl; 3 trucks (light); 7 trucks (3-ton).
- KStN 837**
1.10.1937
Army Motorized Telephone Construction Company
Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (15); 1 truck (light).
3 Plt: Hqs Sect: 2 mcl; 1 car (15); 1 truck (light); 2 wheeled tractors (Lanz Bulldog); 5 trailers (telephone pole).
1 Survey Sect: 1 car (15/1).
4 Tele Construction Sect: 1 car (2/1); 1 truck (medium).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 mcl; 4 trucks (light); 3 wheeled tractors (Lanz Bulldog); 6 trailers (telephone pole).
- KStN 873**
1.10.1937
Army Motorized Light Signal Transport Column "c"
Col: 1 mcl w/sc; 1 car (light); 2 trucks (light); 1 van (light); 1 truck (medium); 7 trucks (heavy); 5 wheeled tractors (Lanz Bulldog); 10 trailers (telephone pole); 2 trailers (generator).
- KStN 876 *)**
1.10.1937
Army Motorized Light Signal Transport Column "f"
Col: 1 mcl w/sc; 1 car (light); 1 truck (light); 3 trucks (medium); 2 vans (42); 2 trailers (telephone pole); 1 trailer (generator).

ARMEEGRUPPE / ARMEE-NACHRICHTEN-ABTEILUNG (motorisiert)
Motorized Signal Battalion, Army Group / Army



- KStN 804**
1.10.1937
Headquarters, Army Motorized Signal Battalion
Bn Hqs: 2 mcl; 3 cars (15); 2 trucks (light).
- KStN 851 *)**
1.08.1939
Army Motorized Telephone Operations Company "c"
Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (15); 1 truck (light).
1st Plt: Hqs Sect: 1 mcl; 1 car (15/1).
4 Tele Ops Sect *c*: 1 car (15/1); 1 van (61).
3 Tele Signal Amplifier Sect *c*: 1 van (61).
2nd Plt: Hqs Sect: 1 mcl; 1 car (15/2).
2 Telex Sect: 1 van (72); 1 trailer (generator).
2 Telex Ops Sect: 1 car (15/1); 1 van (72).
2 Telex Coding Sect: 1 van (72); 1 trailer (generator).
3rd Plt: Hqs Sect: 1 mcl; 1 car (15/2).
3 Med Tele Maintenance Sect: 1 truck (2-ton).
2 Lt Tele Sect *b*: 1 car (15/1).
2 Med Tele Cable Calibration Sect: 1 van (61).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 mcl; 4 trucks (light); 2 trucks (3-ton).
- KStN 854 *)**
1.08.1940
Army Telephone Operations Company "f"
Co Hqs: 2 mcl; 1 car (15).
4 Plt: Hqs Sect: 1 mcl; 1 car (15).
1 Lt Tele Sect *b*.
4 Tele Ops Sect *a*.
3 Tele Ops Sect *b*.
1 Tele Signal Amplifier Sect *b*.
Co Trains: 4 trucks (light).
- KStN 837**
1.10.1937
Army Motorized Telephone Construction Company
Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (15); 1 truck (light).
3 Plt: Hqs Sect: 2 mcl; 1 car (15); 1 truck (light); 2 wheeled tractors (*Lanz Bulldog*); 5 trailers (telephone pole).
1 Survey Sect: 1 car (15/1).
4 Tele Construction Sect: 1 car (2/1); 1 truck (medium).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 mcl; 4 trucks (light); 3 wheeled tractors (*Lanz Bulldog*); 6 trailers (telephone pole).
- KStN 861 *)**
1.10.1937
Army Motorized Radio Company "c"
Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (15); 1 truck (light).
1st Plt: Hqs Sect: 1 mcl; 1 car (15/2).
3 Hvy Radio Sect *c*: 1 car (2/1); 1 van (61).
2nd Plt: Hqs Sect: 1 mcl; 1 car (15/2).
9 Med Radio Sect *c*: 1 car (15); 1 van (17).
3rd Plt: Hqs Sect: 1 mcl; 1 car (15/2).
1 Med Radio Sect *c*: 1 car (15); 1 van (17).
1 Med Air Liaison Radio Sect *c*: 1 van (17).
1 Code Sect: 2 cars (15).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 mcl; 3 trucks (light); 1 truck (3-ton).
- KStN 873**
1.10.1937
Army Motorized Light Signal Transport Column "c"
Col: 1 mcl w/sc; 1 car (light); 2 trucks (light); 1 van (light); 1 truck (medium); 7 trucks (heavy); 5 wheeled tractors (*Lanz Bulldog*); 10 trailers (telephone pole); 2 trailers (generator).

PANZERGRUPPE-KOMMANDO
Headquarters, Panzer Group

**KStN 10 *)**

1.10.1937

Headquarters, Panzer Group

Group Hqs:

Command Sect:

Quartermaster:

Adjutant: 2 cars (light); 1 cars (medium); 1 car (247); 6 trucks (light); 1 bus (light); 1 bus (medium).

KStN 2075 *)

1.10.1938

Corps Motorized Mapping Detachment

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

KStN 2033 *)

1.02.1941

Corps Motorized Military Police Detachment

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

KStN 2251

1.02.1941

Motorized Field Post Detachment

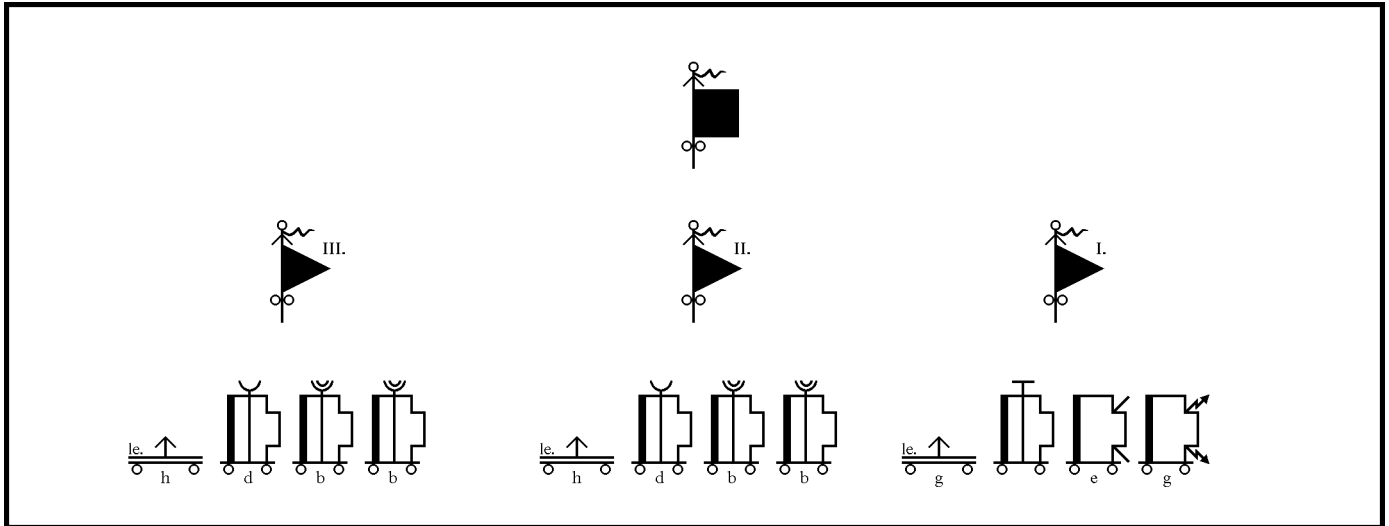
Det: 1 car (medium); 1 bus (medium/33 seats); 2 vans (medium).

Command	Commanding Officer	Mapping Detachment	Field Post	Military Police Detachment	Pz.Gr. Supply Commander	Pz.Gr. Signal Regiment	Engineer Battalion
1st Panzer Group	Gen.Obst. von Kleist	422	422	422	1. Pz.Gr.	1. Pz.Gr.	–
2nd Panzer Group	Gen.Obst. Guderian	419	419	419	2. Pz.Gr.	2. Pz.Gr.	–
3rd Panzer Group	Gen.Obst. Hoth	415	415	415	3. Pz.Gr.	3. Pz.Gr.	–
4th Panzer Group	Gen.Obst. Höpner	473	473	473	4. Pz.Gr.	4. Pz.Gr.	62

NOTES:

The Pionier-Battalion (mot) 62 was basically a corps engineer battalion. (See there).

PANZERGRUPPE-NACHRICHTEN-REGIMENT (motorisiert)
Motorized Signal Regiment, Panzer Group



KStN 802 *)
1.02.1941

Headquarters, Army Motorized Signal Regiment

Rgt Hqs: 2 mcl; 2 cars (15); 1 bus (light/15 seats); 1 truck (light).

KStN 804 *)
1.02.1941

Headquarters, Army Motorized Signal Battalion

Bn Hqs: 2 mcl; 3 cars (15); 2 trucks (light).

KStN 946 *)
1.02.1941

Motorized Radio Company "g"

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

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

Command Radio Sect: 1 armored radio halftrack (251/6).

2 Hvy Radio Sect *b*: 2 vans (72); 1 van (68); 1 trailer (generator).

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

4 Med Radio Sect *d*: 1 car (15); 2 vans (2-ton).

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

4 Med Armd Radio Sect *b*: 1 car (15); 1 armored radio car (263).

2 Med Radio Sect *b/f*: 2 armored radio cars (263).

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

3 Med Radio Sect *b*: 1 car (15); 1 van (17).

1 Lt Radio Sect *f*: 1 car (15); 1 van (17).

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

2 Med Radio Sect *b/f*: 1 car (15); 1 van (17).

1 Med Radio Sect (70 Watt): 1 car (15); 1 van (17).

2 Coding Sect: 1 car (15).

Replacement Personnel Sect: 3 trucks (2-ton).

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

Co Trains: 1 car (15); 2 trucks (light); 3 trucks (medium); 1 van (42); 1 trailer (generator).

KStN 853 *)
1.02.1941

Motorized Telephone Operations Company "e"

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

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

2 Signal Amplifier Sect *b*: 1 van (61).

1 Wire Calibration Sect *b*: 1 van (61).

1 Tele Ops Sect *b*: 1 car (15); 1 van (61).

2 Tele Ops Sect *c*: 1 truck (heavy); 1 van (72); 1 bus (15 seats).

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

2 Half-Platoons:

1 Hvy Telex Sect: 4 trucks (medium); 1 bus (22 seats); 1 trailer (generator).

1 Telex Code Sect: 1 car (15).

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

2 Tele Construction Sect (3mm): 1 car (15); 1 truck (medium).

2 Cable Repair Sect: 1 car (15); 1 trailer (25/2).

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

Co Trains: 4 trucks (light); 2 trucks (medium); 1 van (medium); 2 trucks (heavy); 1 van (42); 1 trailer (generator).

KStN 951 *)
1.02.1941

Motorized Microwave Radio Company

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

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

4 Microwave Sect: 1 car (15); 1 van (heavy); 1 trailer mounted antenna (127).

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

4 Microwave Sect: 1 car (15); 1 van (heavy); 1 trailer mounted antenna (127).

3 Microwave Calibration Sect: 1 van (heavy).

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

3 Field Cable Sect *a*: 1 car (2); 2 trucks (4½-ton).

2 Signal Amplifier Sect *b*: 1 van (61).

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

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 *)
1.02.1941

Motorized Signal Column "g"

Col: 1 mcl w/sc; 1 car (light); 3 trucks (light); 5 trucks (medium); 2 trucks (42); 1 trailer (generator).

PANZERGRUPPE-NACHRICHTEN-REGIMENT (motorisiert)
Motorized Signal Regiment, Panzer Group

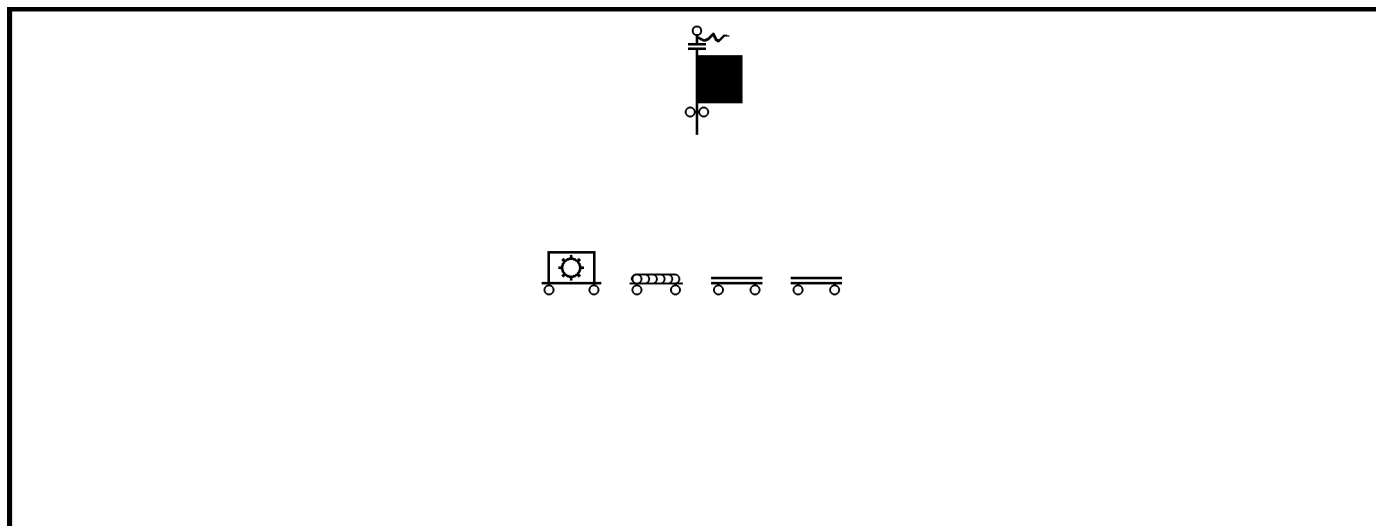
KStN 804 *) 1.02.1941	Headquarters, Army Motorized Signal Battalion Bn Hqs: 2 mcl; 3 cars (15); 2 trucks (light).
KStN 843 *) 1.02.1941	Telephone Cable Company "b" (motorized) Co Hqs: 2 mcl; 1 mcl w/sc; 1 car (15); 1 truck (light). 2 Tele Ops Sect <i>a</i> : 1 car (15); 1 van (17). 3 Plts: Hqs Sect: 2 mcl; 1 car (15). 3 Tele Cable Sect <i>b</i> : 1 car (15); 2 trucks (1.5-ton). Co Maint Sect: 1 mcl w/sc; 1 car (2/40). Co Trains: 4 trucks (light); 2 trucks (medium); 1 van (42); 1 trailer (generator).
KStN 947 *) 1.02.1941	Motorized Telephone Company "d" Co Hqs: 2 mcl; 1 mcl w/sc; 1 car (15); 1 truck (light). 1 Plt: Hqs Sect: 2 mcl; 1 car (15); 1 truck (heavy); 2 tractors (5-ton); 5 trailers (21). 2 Cable Repair Sect: 1 car (15); 1 trailer (25/2). 4 Telephone Construction Sect: 1 car (2); 1 trucks (medium). 1 Plt: 2 mcl; 1 car (15); 3 trucks (medium). 2 Cable Repair Sect: 1 car (15); 1 trailer (25/2). 3 Field Cable Sect <i>a</i> : 1 car (2); 2 trucks (4½-ton). 1 Plt: 2 mcl; 1 car (15); 3 trucks (medium). 5 Cable Repair Sect: 1 car (15); 1 trailer (25/2). 3 Tele Ops Sect <i>a</i> : 1 car (15); 1 van (17). 2 Signal Amplifier Sect: 1 van (24). Co Maint Sect: 1 mcl w/sc; 1 car (2/40). Co Trains: 1 car (15); 3 trucks (light); 2 trucks (medium); 1 truck (3-ton); 1 tractor (5-ton); 2 trailers (21).
KStN 878 *) 1.02.1941	Motorized Signal Column "h" Col: 1 mcl w/sc; 1 car (light); 3 trucks (light); 5 tractor (5-ton); 2 trucks (42); 1 trailer (generator); 5 trailers (21).

NOTES:

Microwave also known as Ultra Short Wave.

The earliest issue date that Tessin lists for several of the above KStN is 1 March 1942. However, the *Kriegsgliederung des Feldheeres* of 15 May 1941 already shows these signal regiments under the Panzer Groups with all the indicated units. I have therefore arbitrarily shown all units with the 1 February 1941 date, although neither the raising orders nor the KStN tables themselves have been located.

PANZERGRUPPEN-NACHSCHUB-FÜHRER (motorisiert)
Motorized Supply Commander, Panzer Group



KStN 1207 *)
1.10.1937

Motorized Army Supply Commander

Commader: 2 mcl; 1 mcl w/sc; 3 cars (15); 1 truck (light).

KStN 1225 *)
1.02.1941

Motorized Light Supply Column (30-ton)

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

2 Sect: 5 trucks (medium).

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

KStN1232 *)
1.02.1941

Motorized P.O.L. Column (50m³)

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

4 Sect: 5 trucks (medium).

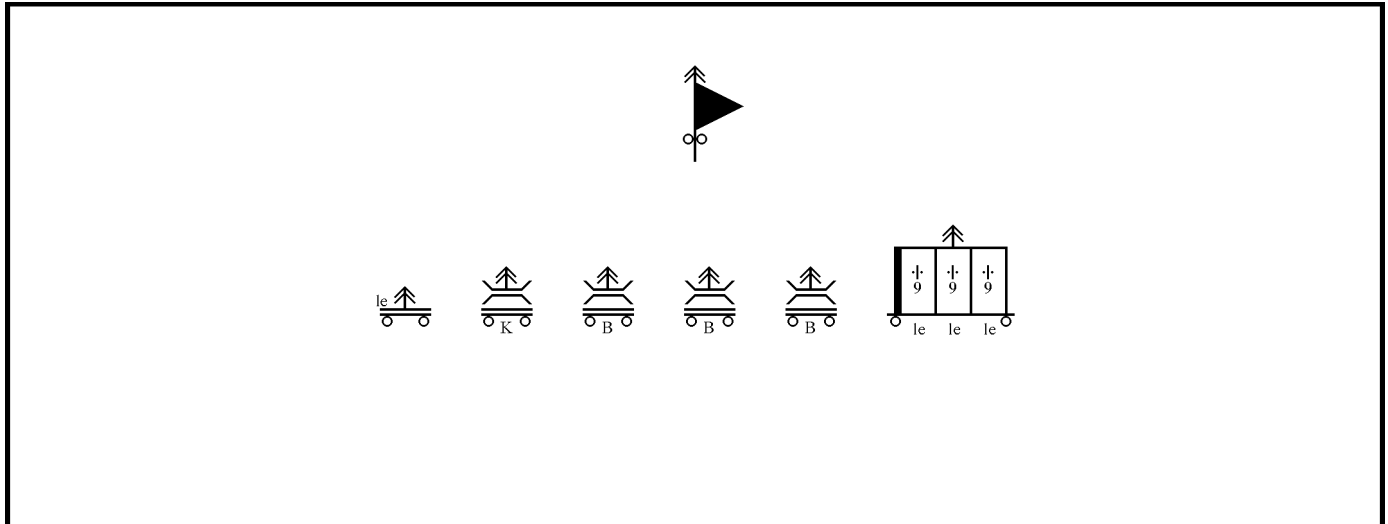
Col Trains: 1 mcl w/sc; 2 trucks (light).

KStN 1051 *)
1.02.1941

Motorized Motor Maintenance Platoon

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

PIONIER-BATAILLON (motorisiert)
Motorized Combat Engineer Battalion



KStN 703
1.02.1941

Headquarters, Motorized Combat Engineer Battalion

Bn Hqs: 3 mcl; 2 mcl w/sc; 1 car (11); 2 car (15).
 Signal Det: Hqs Sect: 1 mcl w/sc.
 2 Pack Radio Sect *b*: 1 car (2).
 2 Pack Radio Sect *b*: ride together in 1 truck (2-ton).
 Main Sect: 1 mcl w/sc; 1 car (2/40).
 Bn Hqs Trains: 2 mcl; 2 trucks (light).

KStN 714
1.02.1941

Motorized Light Combat Engineer Company

Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (15); 1 trucks (2-ton).
 2 Pack Radio Sect *b*: 1 car (15).
 3 Engr Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (15).
 2 Engr Sect: 1 car (2); 2 trucks (2-ton); 1 Combat Engineer Section with 1 LMG.
 1 Engr Sect: 1 mcl; 1 mcl w/sc; ; 2 trucks (2-ton); 1 Combat Engineer Section with 1 LMG.
 Main Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 mcl; 2 trucks (light); 1 truck (medium).

KStN 733
1.10.1937

Motorized Type B Bridge Column

Col Hqs: 3 mcl; 1 car (2).
 2 Bridge Plt: Hqs Sect: 1 mcl; 1 car (2).
 Trestle Sect: 4 halftracks (7); 4 trailers (4-wheel w/ trestles)
 Pontoon Sect: 8 trucks (3-ton); 8 trailers (4-wheel w/ 3 pontoons each).
 Boat Sect: 1 truck (3-ton); 1 trailer (4-wheel w/ motor boat).
 1 Support Plt: 2 mcl w/sc; 1 truck (light); 1 truck (medium); 3 trucks (3-ton); 1 trailer (2-wheel w/ winch); 2 trailers (4-wheel w/ ramps).
 Col Trains: 1 truck (light).

KStN 737
1.10.1937

Motorized Type K Bridge Column

Col Hqs: 3 mcl; 1 car (light).
 2 Bridge Plt: Hqs Sect: 1 mcl; 1 mcl w/sc.
 Pontoon Sect: 4 trucks (3-ton).
 Trestle Sect: 2 trucks (4.5-ton); 1 trailer (with motor boat).
 Transom Sect: 4 trucks (4.5-ton).
 Tread Sect: 4 trucks (3-ton).
 1 Support Plt: 2 mcl w/sc; 6 trucks (medium).
 Col Trains: 1 truck (light).

KStN 741
1.02.1941

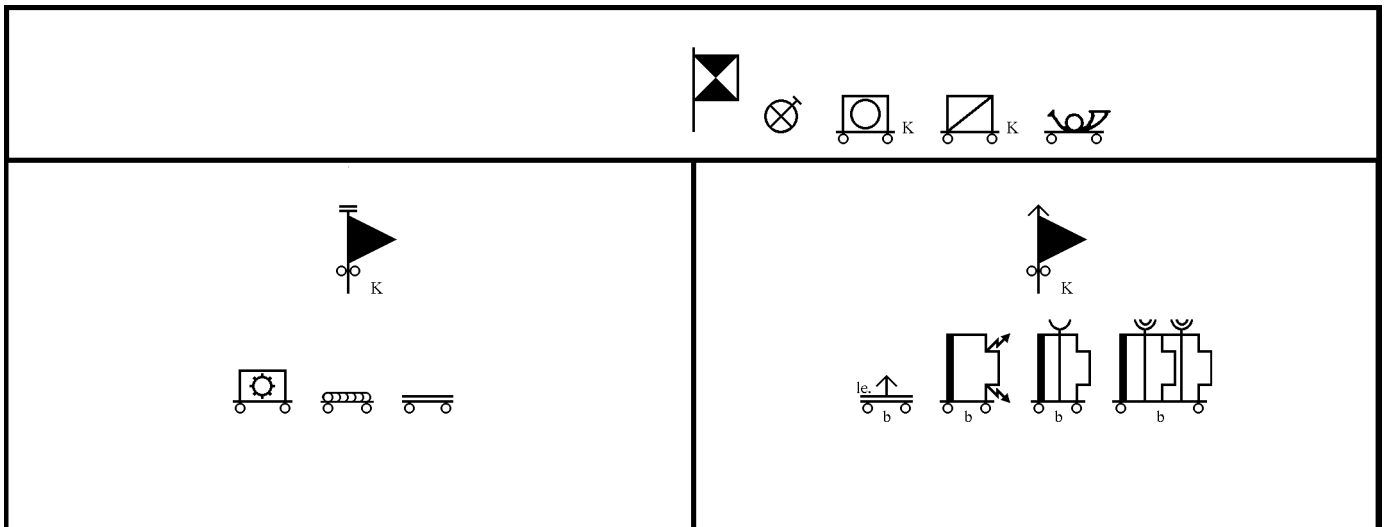
Motorized Light Engineer Transport Column

Col Hqs: 1 mcl; 1 mcl w/sc; 1 car (light).
 1 Plt: 1 mcl; 1 mcl w/sc; 6 trucks (medium); 2 trailers (2-wheel w/ air compressor).
 1 Plt: 1 mcl; 1 mcl w/sc; 7 trucks (medium); 1 ambulance (31).
 Col Trains: 1 mcl; 1 truck (light).

NOTES:

Only the 4. Panzergruppe had a combat engineer battalion, namely the Pionier-Bataillon (mot) 62.

ARMEEKORPS Infantry Corps



KStN 12
1.10.1937

Headquarters, Infantry Corps

Corps Hqs
Command Sect
Quartermaster
Adjutant: 2 cars (light); 1 cars (medium); 1 car (heavy); 6 trucks (light); 1 bus (light); 1 bus (medium).
Guard Det: 2 HMG.

KStN 2075 *)
1.10.1938

Corps Motorized Mapping Detachment

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

KStN 2033 *)
1.02.1941

Corps Motorized Military Police Detachment

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

KStN 2251
1.02.1941

Motorized Field Post Detachment

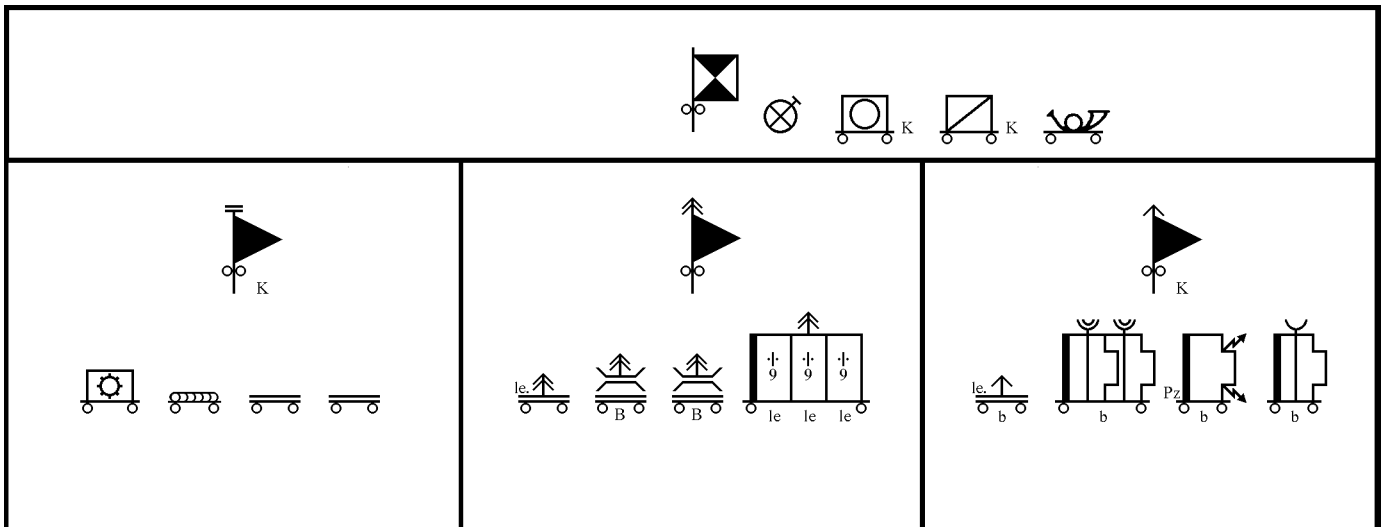
Det: 1 car (medium); 1 bus (medium/33 seats); 2 vans (medium).

Corps	Type	Mapping Det.	MP Det.	Field Post Det.	Signal Bn.	Supply Bn.	Notes	Commanding Officer
I.	Inf.	421.	421.	421.	41.	421.		Gen.d.Inf. von Both
II.	Inf.	402.	402.	402.	42.	402.		Gen.d.Inf. Graf von Brockdorff-Ahlefeldt
IV.	Inf.	404.	404.	404.	44.	404.		Gen.d.Inf. von Schwedler
V.	Inf.	405.	405.	405.	45.	405.		Gen.d.Inf. Ruoff
VI.	Inf.	406.	406.	406.	46.	406.		Gen.d.Pi. Förster
VII.	Inf.	407.	407.	407.	47.	407.		Gen.d.Art. Fahrnbacher
VIII.	Inf.	408.	408.	408.	48.	408.		Gen.d.Art. Heitz
IX.	Inf.	409.	409.	409.	49.	409.		Gen.d.Inf. Geyer
X.	Inf.	410.	410.	410.	50.	410.		Gen.d.Art. Cristian Hansen
XI.	Inf.	411.	411.	411.	51.	411.		Gen.d.Inf. von Kortzfleisch
XII.	Inf.	412.	412.	412.	52.	412.		Gen.d.Inf. Schroth
XIII.	Inf.	413.	413.	413.	53.	413.		Gen.d.Inf. Felber
XVII.	Inf.	417.	417.	417.	66.	417.		Gen.d.Inf. Kienitz
XVIII.	Mtn.	449.	449.	449.	449.	449.		Gen.d.Inf. Böhme
XX.	Inf.	420.	420.	420.	420.	420.		Gen.d.Inf. Materna
XXIII.	Inf.	308.	308.	308.	423.	308.		Den.d.Inf. Schubert
XXV.	Inf.	307.	307.	–	425.	307.		Gen.d.Inf. Ritter von Prager
XXVI.	Inf.	426.	426.	426.	426.	426.		Gen.d.Art. Wodrig
XXVII.	Inf.	427.	427.	427.	427.	427.		Gen.d.Inf. Wägner
XXVIII.	Inf.	428.	428.	428.	428.	428.		Gen.d.Inf. Wiktorin
XXIX.	Inf.	429.	429.	429.	429.	429.		Gen.d.Inf. von Obstfelder
XXX.	Inf.	430.	430.	430.	430.	430.		Gen.d.Inf. von Salmuth
XXXVIII.	Inf.	438.	438.	438.	438.	438.		Gen.d.Inf. von Chappuis
XXXXII.	Inf.	442.	442.	442.	442.	442.		Gen.d.Pi. Kuntze
XXXXIII.	Inf.	443.	443.	443.	443.	443.		Gen.d.Inf. Heinrici
XXXXIV.	Inf.	444.	444.	444.	444.	444.		Gen.d.Inf. Koch
XXXXIX.	Mtn.	418.	418.	418.	70.	418.		Gen.d.Inf. Kübler
L.	Inf.	450.	450.	450.	450.	450.		Gen.d.Kav. Lindemann
LI.	Inf.	451.	451.	451.	451.	451.		Gen.d.Inf. Hans Reinhard
LII.	Inf.	452.	452.	452.	452.	452.		Gen.d.Inf. von Briesen
LIII.	Inf.	453.	453.	453.	453.	453.		Gen.d.Inf. Weisenberger
LIV.	Inf.	–	316.	–	Lehr	737.		Gen.d.Kav. Erik Mansen
LV.	Inf.	455.	455.	455.	455.	455.		Gen.d.Inf. Vierow
Norwegen	Mtn.	477.	463.	231.	467.	477.	[2]	Gen.d.Geb.Tr. Dietl

[1] Headquarters with armored car platoon.

[2] In addition, a commissary detachment.

ARMEEKORPS (motorisiert)
Motorized Corps

**KStN 15 *)**

1.10.1938

Headquarters, Motorized Corps

Corps Hqs:

Command Sect:

Quartermaster:

Adjutant: 2 cars (light); 1 cars (medium); 1 car (247); 6 trucks (light); 1 bus (light); 1 bus (medium).

Guard Det: 2 HMG.

KStN 1067 *)

1.10.1938

Motorcycle Detachment

Plt Hqs: 2 mcl; 1 mcl w/sc; 1 car (11).

5 Sect: 7 mcl.

KStN 2075 *)

1.10.1938

Corps Motorized Mapping Detachment

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

KStN 2033 *)

1.02.1941

Corps Motorized Military Police Detachment

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

KStN 2251

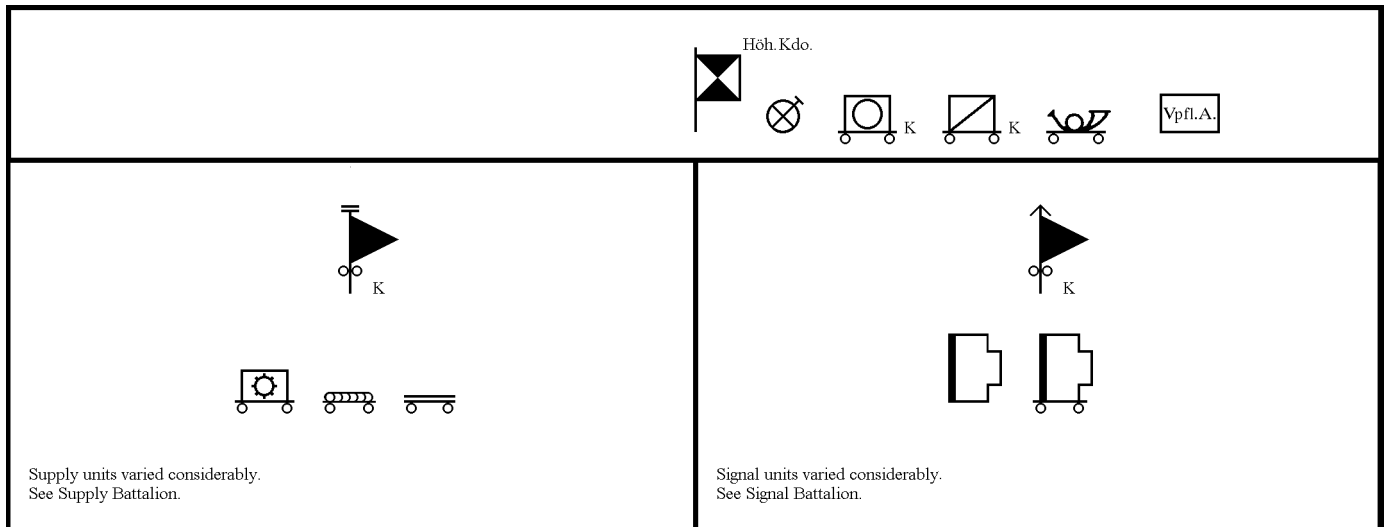
1.02.1941

Motorized Field Post Detachment

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

Corps	Type	Mapping Det.	MP Det.	Field Post Det.	Signal Bn.	Supply Bn.	Engineer Battalion	Notes	Commanding Officer
III.	Mot.	403.	403.	403.	43.	403.	-		Gen.d.Kav. von Mackensen
XIV.	Mot.	414.	414.	414.	60.	414.	60.		Gen.d.Inf. von Wietersheim
XXIV.	Mot.	424.	424.	424.	424.	424.	-		Gen.d.Kav. Frhr. Geyr von Schweppenburg
XXXIX.	Mot.	439.	439.	439.	439.	439.	-		Gen.d.Pz.Tr. Schmidt
XXXX.	Mot.	440.	440.	440.	440.	439.	-		Gen.d.Kav. Stumme
XXXXI.	Mot.	441.	441.	441.	441.	441.	-		Gen.d.Pz.Tr. Reinhard
XXXXVI.	Mot.	446.	446.	446.	446.	446.	-		Gen.d.Pz.Tr. von Wietinghoff gen. Scheel
XXXXVII.	Mot.	447.	447.	447.	447.	447.	-		Gen.d.Art. Lemelsen
XXXXVIII.	Mot.	448.	448.	448.	448.	448.	-		Gen.d.Pz.Tr. Kempff
LVI.	Mot.	456.	456.	456.	456.	456.	-		Gen.d.Inf. von Lewinski gen. von Manstein
LVII.	Mot.	457.	457.	457.	457.	457.	-		Gen.d.Pz.Tr. Kuntzen
Afrika	Mot.	575.	-	-	Libyen	-	-		Gen.Lt. Rommel

HÖHERE KOMMANDO z.b.V.
Reduced-Strength Special Corps Command



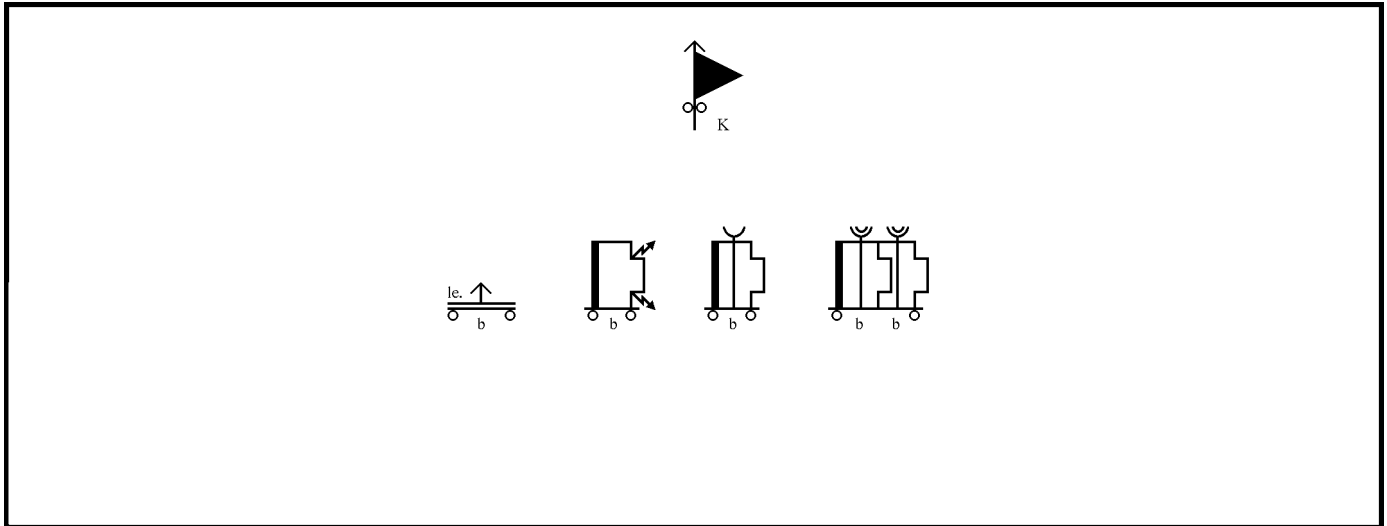
KStN 12 1.10.1937 [modified]	Headquarters, Infantry Corps Corps Hqs: Command Sect: Quartermaster: Adjutant: Guard Det: 2 HMG.
KStN 1067 *) 1.10.1938	Motorcycle Detachment Plt Hqs: 2 mcl; 1 mcl w/sc; 1 car (11). 5 Sect: 7 mcl.
KStN 2075 *) 1.10.1938	Corps Motorized Mapping Detachment Det: 2 mcl; 2 cars (1); 1 bus (light/15 seats); 2 vans (medium); 1 trailer generator).
KStN 2033 *) 1.02.1941	Corps Motorized Military Police Detachment Det: 6 mcl; 2 mcl w/sc; 7 cars (light); 1 truck (light).
KStN 2251 1.02.1941	Motorized Field Post Detachment Det: 1 car (medium); 1 bus (medium/33 seats); 2 vans (medium).
KStN 2086 *) 1.02.1941	Motorized Commissary Detachment Det: 1 mcl; 1 car (light); 3 trucks (medium); 1 bicycle.

NOTES:

There was no special KStN for the *höheres Kommando*. It was a corps echelon unit, with a reduced number of personnel in its headquarters, some staff positions not being fully occupied – if at all. It did not have a normal full strength signal battalion; and its organic supply units were reduced, if at all present. It is probably that some of the older birth years were used to staff these headquarters. Usually, they were also given less demanding tasks, located in quiet sectors, and assigned reduced strength, second line infantry divisions.

Corps	Type	Mapping Det.	MP Det.	Field Post Det.	Commissary Det.	Signal Bn.	Supply Bn.	Notes	Commanding Officer
XXXI.	Command	431	431.	431.	431.	431.	431.		Gen.d.Art. Kaupisch
XXXII.	Command	432.	432.	432.	–	–	–		Gen.d.Kav. vpn Progrell
XXXIII.	Command	433.	433.	433.	433.	433.	433.		Gen.d.Kav. Brandt
XXXIV.	Command	434.	–	–	–	–	–		Gen.d.Inf. Metz
XXXV.	Command	–	435.	435.	435.	435.	435.		Gen.Lt. Kaempfe
XXXVI.	Command	436.	436.	436.	436.	436.	–		Gen.d.Kav. Feige
XXXVII.	Command	437.	437.	437.	437.	437.	437.		Gen.d.Inf. Boehm-Tettelbach
XXXXV.	Command	–	–	–	–	445.	–		Gen.d.Inf. von Greiff
LIX.	Command	459.	459.	–	–	459.	–		Gen.d.Inf. Schwandner
LX.	Command	460.	460.	–	–	460.	–		Gen.d.Inf. von Viebahn
LXV.	Command	–	–	–	–	–	–		Gen.Lt. Bader
LXX.	Command	–	–	–	–	–	–		Gen.Lt. Feuerstein

ARMEEKORPS-NACHRICHTEN-ABTEILUNG (motorisiert)
Signal Battalion (motorized), Infantry Corps



KStN 805 *)
1.03.1940

Headquarters, Corps Signal Battalion (motorized)

Bn Hqs: 2 mcl; 3 cars (15); 2 trucks (2-ton).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).

KStN 833 *)
1.10.1938

Corps Telephone Company "b" (motorized)

Co Hqs: 2 mcl; 1 mcl w/sc; 1 car (15); 1 truck (light).
 1st Plt: Hqs Sect: 2 mcl; 1 car (15).
 3 Tele Ops Sect *b*: 1 car (15/1); 1 van (61).
 3 Tele Signal Amplifier Sect *b*: 1 van (61).
 2nd Plt: Hqs Sect: 2 mcl; 1 car (15).
 4 Hvy Tele Sect *b*: 1 car (2/1); 1 van (77).
 3rd Plt: Hqs Sect: 2 mcl; 1 car (15).
 3 Tele Construction Sect: 1 car (2/1); 1 truck (medium).
 4th Plt: Hqs Sect: 2 mcl; 1 car (15).
 3 Tele Construction Sect: 1 car (2/1); 1 truck (medium).
 4 Med Tele Maintenance Sect: 1 truck (2-ton).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 2 mcl; 5 trucks (light).

KStN 860
1.10.1938

Corps Radio Company "b" (motorized)

Co Hqs: 2 mcl; 1 mcl w/sc; 1 car (15); 1 truck (light).
 1st Plt: Hqs Sect: 2 mcl; 1 car (15).
 2 Med Radio Sect *b*: 1 car (15); 1 van (17/3).
 1 Med Radio Sect *c*: 1 car (16); 1 van (61/1); 1 van (68/1).
 1 Lt Radio Sect *c*: 1 van (17/1).
 1 Code Sect: 2 cars (15).
 2nd Plt: Hqs Sect: 2 mcl; 1 car (15).
 2 Med Radio Sect *b*: 1 car (15); 1 van (17/3).
 4 Lt Radio Sect *a*: 1 car (15); 1 van (17).
 4 Pack Radio Sect *b*: 1 car (2).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 2 mcl; 4 trucks (light); 1 van (42); 1 trailer (generator).

KStN 843
1.10.1938

Corps Telephone Cable Company "b" (motorized)

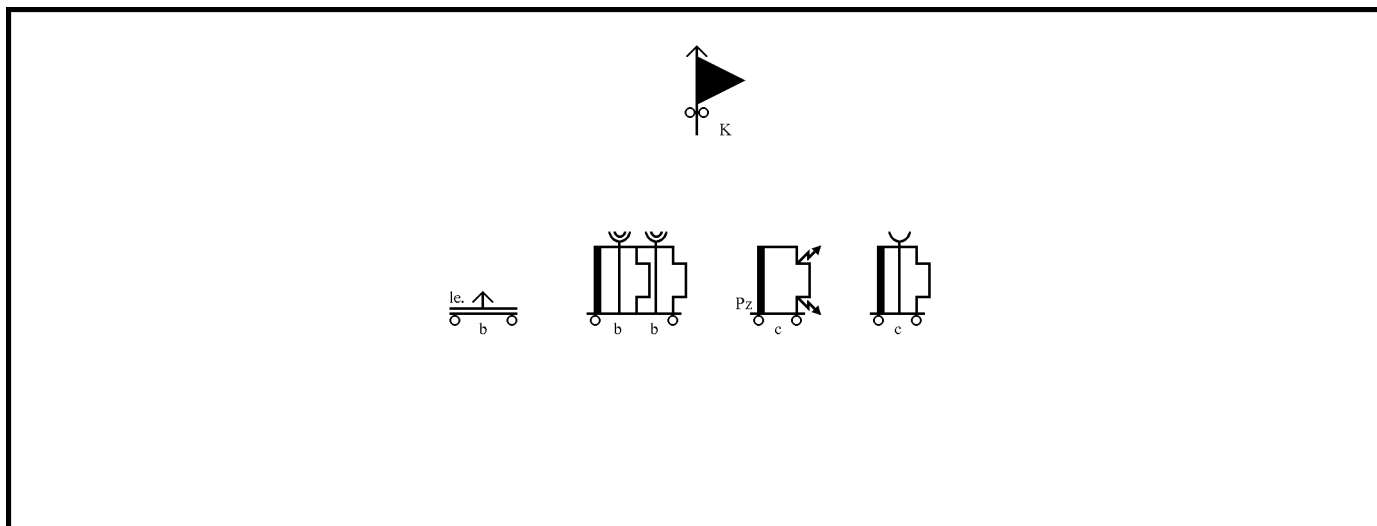
Co Hqs: 2 mcl; 1 mcl w/sc; 1 car (15); 1 truck (light).
 2 Tele Ops Sect *a*: 1 car (15); 1 van (17).
 3 Plts: Hqs Sect: 2 mcl; 1 car (15).
 3 Tele Cable Sect *b*: 1 car (15); 2 trucks (1.5-ton).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 2 mcl; 4 trucks (light).

KStN 872 *)
26.04.1940

Corps Light Signal Transport Column "b" (motorized)

Col: 1 mcl w/sc; 1 car (light); 1 van (light); 2 trucks (light); 15 trucks (medium); 2 vans (42); 1 wheeled tractor (Lanz *Bulldog*);
 1 trailer (generator); 2 trailers (telephone pole).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).

ARMEEKORPS (motorisiert)-NACHRICHTEN-ABTEILUNG (motorisiert)
Signal Battalion (motorized), Motorized Corps

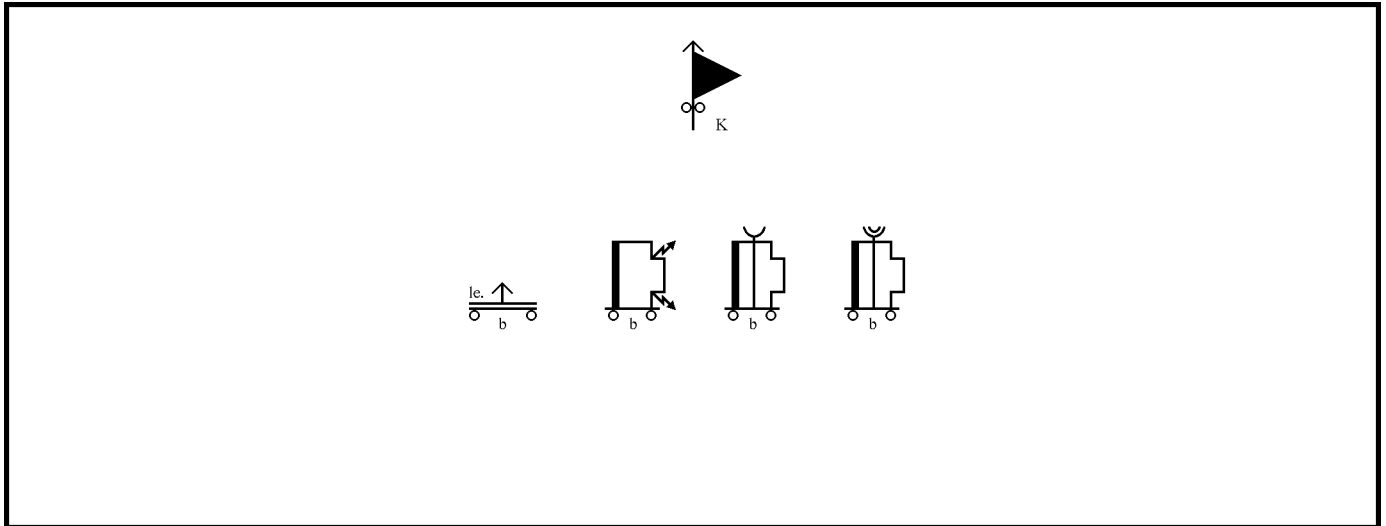


- KStN 805 *) Headquarters, Corps Signal Battalion (motorized)**
 1.03.1940
 Bn Hqs: 2 mcl; 3 cars (15); 2 trucks (2-ton).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
- KStN 965 *) Motorized Corps Telephone Company "b" (motorized)**
 1.10.1938
 Co Hqs: 2 mcl; 1 mcl w/sc; 1 car (15); 1 truck (light).
 1st Plt: Hqs Sect: 2 mcl; 1 car (15).
 3 Tele Ops Sect *b*: 1 car (15/1); 1 van (61).
 3 Tele Signal Amplifier Sect *b*: 1 van (61).
 2nd Plt: Hqs Sect: 2 mcl; 1 car (15).
 4 Hvy Tele Sect *b*: 1 car (2/1); 1 van (77).
 3rd Plt: Hqs Sect: 2 mcl; 1 car (15).
 3 Tele Construction Sect: 1 car (2/1); 1 truck (medium).
 4 Med Tele Maintenance Sect: 1 truck (2-ton).
 Co Trains: 2 mcl; 5 trucks (light).
- KStN 973 *) Motorized Corps Radio Company "b" (armored)**
 1.02.1941
 Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (15); 1 truck (light).
 2 Plts: Hqs Sect: 2 mcl; 1 car (15).
 2 Med Armd Radio Sect *b*: 1 car (15); 1 AC (263).
 2 Med Armd Radio Sect *b/f*: 1 AC (263).
 1 Plt: Hqs Sect: 2 mcl; 1 car (15).
 4 Med Radio Sect *b*: 1 car (15); 1 van (17/3).
 1 Code Sect: 2 cars (15).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 2 mcl; 4 trucks (light).
- KStN 843 Corps Telephone Cable Company "b" (motorized)**
 1.10.1938
 Co Hqs: 2 mcl; 1 mcl w/sc; 1 car (15); 1 truck (light).
 2 Tele Ops Sect *a*: 1 car (15); 1 van (17).
 3 Plts: Hqs Sect: 2 mcl; 1 car (15).
 3 Tele Cable Sect *b*: 1 car (15); 2 trucks (1.5-ton).
 Co Trains: 2 mcl; 4 trucks (light).
- KStN 872 *) Corps Light Signal Transport Column "b" (motorized)**
 26.04.1940
 Col: 1 mcl w/sc; 1 car (light); 1 van (light); 2 trucks (light); 15 trucks (medium); 2 vans (42); 1 wheeled tractor (Lanz *Bulldog*);
 1 trailer (generator); 2 trailers (telephone pole).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).

NOTES:

The Nachrichten-Abteilung (mot) Libyen of the Deutsches Afrika Korps had one Corps Telephone Company "b" (motorized) and Corps Radio Company "b" (motorized), as well as one Corps Light Signal Transport Column "b" (motorized). (See the Infantry Corps Signal Battalion (motorized)).

NACHRICHTEN-ABTEILUNG (mot)
Signal Battalion (motorized), Reduced-Strength Special Corps Command



- KStN 805 *) Headquarters, Corps Signal Battalion (motorized)**
 1.03.1940 Bn Hqs: 2 mcl; 3 cars (15); 2 trucks (2-ton).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
- KStN 965 *) Motorized Corps Telephone Company "b" (motorized)**
 1.10.1938 Co Hqs: 2 mcl; 1 mcl w/sc; 1 car (15); 1 truck (light).
 1st Plt: Hqs Sect: 2 mcl; 1 car (15).
 3 Tele Ops Sect *b*: 1 car (15/1); 1 van (61).
 3 Tele Signal Amplifier Sect *b*: 1 van (61).
 2nd Plt: Hqs Sect: 2 mcl; 1 car (15).
 4 Hvy Tele Sect *b*: 1 car (2/1); 1 van (77).
 3rd Plt: Hqs Sect: 2 mcl; 1 car (15).
 3 Tele Construction Sect: 1 car (2/1); 1 truck (medium).
 4 Med Tele Maintenance Sect: 1 truck (2-ton).
 Co Trains: 2 mcl; 5 trucks (light).
- KStN 973 *) Motorized Corps Radio Company "b" (armored)**
 1.02.1941 Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (15); 1 truck (light).
 2 Plts: Hqs Sect: 2 mcl; 1 car (15).
 2 Med Armd Radio Sect *b*: 1 car (15); 1 AC (263).
 2 Med Armd Radio Sect *b/f*: 1 AC (263).
 1 Plt: Hqs Sect: 2 mcl; 1 car (15).
 4 Med Radio Sect *b*: 1 car (15); 1 van (17/3).
 1 Code Sect: 2 cars (15).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 2 mcl; 4 trucks (light).
- KStN 843 Corps Telephone Cable Company "b" (motorized)**
 1.10.1938 Co Hqs: 2 mcl; 1 mcl w/sc; 1 car (15); 1 truck (light).
 2 Tele Ops Sect *a*: 1 car (15); 1 van (17).
 3 Plts: Hqs Sect: 2 mcl; 1 car (15).
 3 Tele Cable Sect *b*: 1 car (15); 2 trucks (1.5-ton).
 Co Trains: 2 mcl; 4 trucks (light).
- KStN 872 *) Corps Light Signal Transport Column "b" (motorized)**
 26.04.1940 Col: 1 mcl w/sc; 1 car (light); 1 van (light); 2 trucks (light); 15 trucks (medium); 2 vans (42); 1 wheeled tractor (Lanz *Bulldog*);
 1 trailer (generator); 2 trailers (telephone pole).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).

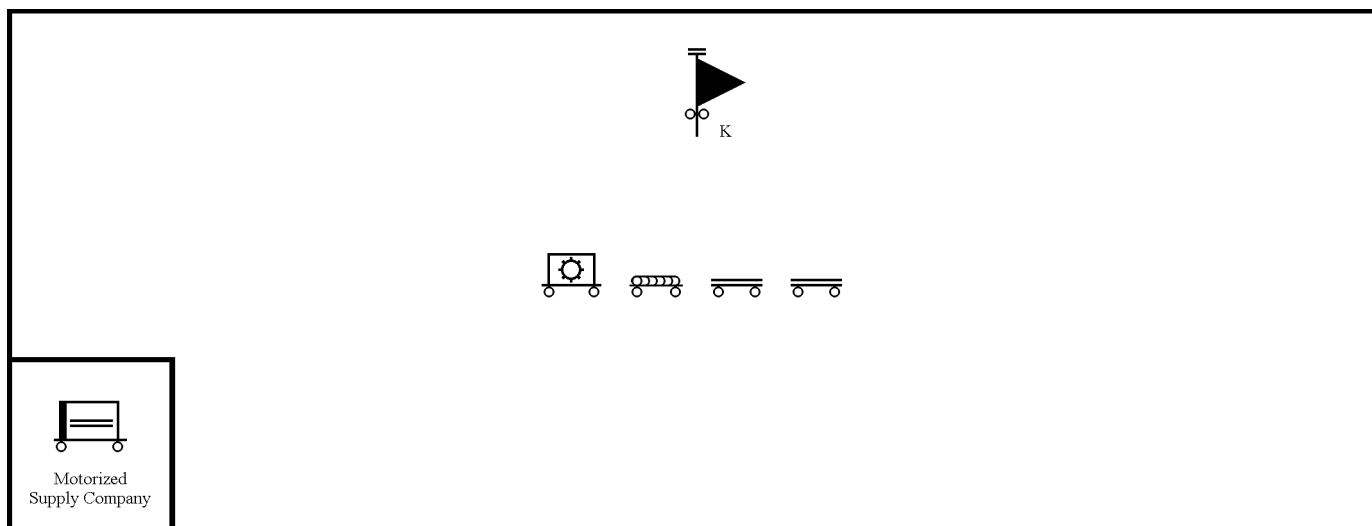
NOTES:

The Reduced-Strength Special Corps Command did not have fixed organizations as shown below:

- XXXI. Höheres Kommando 431st Signal Battalion: 1st Telephone Cable Company [see below], 2nd Signal Company.
 XXXII. Höheres Kommando 432nd Signal Company.
 XXXIII. Höheres Kommando 433rd Signal Battalion: 1st Signal Company, 2nd Telephone Company; 3rd Radio Company.
 XXXIV. Höheres Kommando 434th Signal Company.
 XXXV. Höheres Kommando 435th Signal Battalion: 1st Signal Company, 2nd Telephone Cable Company; Signal Column.
 XXXVI. Höheres Kommando 436th Signal Battalion: 1st Radio Company, 2nd Telephone Cable Company; 3rd Telephone Operations Company.
 XXXVII. Höheres Kommando 437th Signal Battalion: 1st Signal Company, 2nd Signal Company.
 XXXXV. Höheres Kommando 445th Signal Battalion: 1st Telephone Cable Company; 2nd Signal Company.
 LIX. Höheres Kommando 459th Signal Battalion: 1st Telephone Cable Company, 2nd Telephone Company; 3rd Radio Company; Signal Column.
 LX. Höheres Kommando 460th Signal Battalion: 1st Telephone Cable Company, 2nd Telephone Company; 3rd Radio Company; Signal Column.
 LXV. Höheres Kommando no signal units
 LXX. Höheres Kommando no signal units

No information has been located regarding the motorized signal companies. It probable that they were mixed, having mainly telephone/wire components, with a few radio sections.

NACHSCHUB-ABTEILUNG (motorisiert)
Transport Battalion (motorized), Infantry, Motorized, and Reduced-Strength Special Corps Command



KStN 1207 1.10.1937	Headquarters, Corps Motorized Supply Battalion Bn Hqs: 2 mcl; 1 mcl w/sc; 3 cars (15); 1 truck (light).
KStN 1225 *) 1.10.1937	Motorized Light Supply Column (30-ton) Col Hqs: 1 mcl; 1 mcl w/sc; 1 car (light). 2 Sect: 5 trucks (medium). Col Trains: 1 mcl w/sc; 2 trucks (light).
KStN1232 *) 1.02.1941	Motorized P.O.L. Column (50m³) 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).
KStN 1051 *) 1.02.1941	Motorized Motor Maintenance Platoon Plt: 1 mcl; 1 car (medium); 1 truck (light); 1 van (heavy); 1 bus (medium/22 seats); 1 halftrack (7); 1 trailer (spare parts); 1 trailer (generator).
KStN 1255 *) 1.02.1941	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).

NOTES:

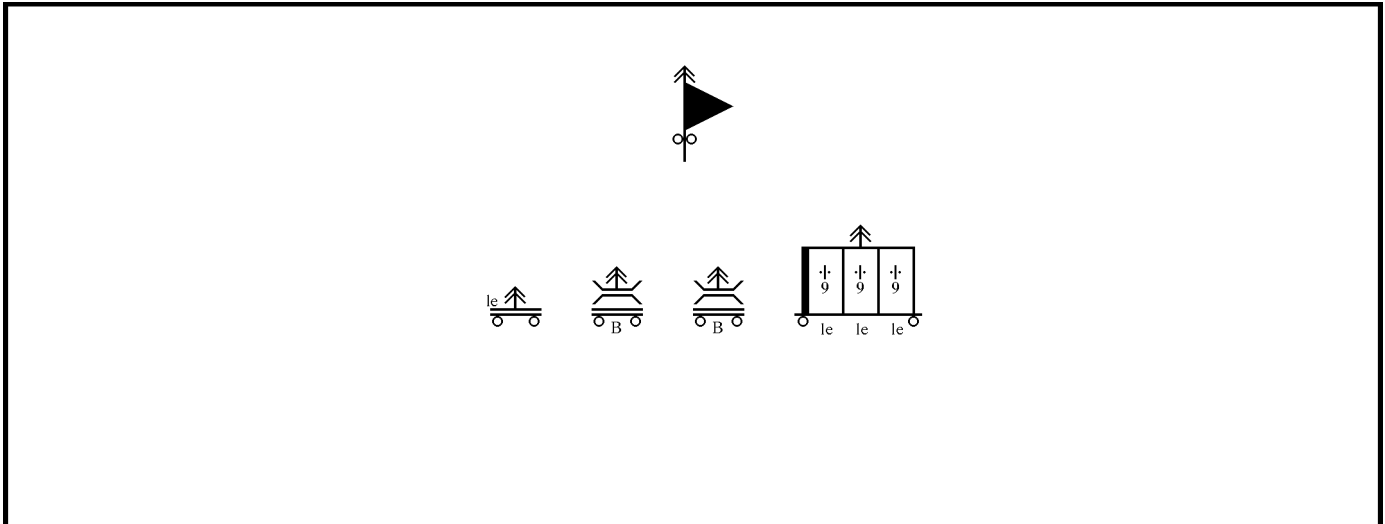
The Infantry Corps had one Motorized Light Supply Column (30 ton).

The Motorized Corps had two Motorized Light Supply Columns (30 ton).

The Reduced-Strength Special Corps Command did not have fixed organizations as shown below:

XXXI. Höheres Kommando	431st Supply Battalion: 1. – 3./431 Motorized Light Supply Columns.
XXXII. Höheres Kommando	no supply battalion headquarters, only the 432nd Motorized Light Supply Column and 432nd Motorized Supply Company.
XXXIII. Höheres Kommando	433rd Supply Battalion: 1./433 Motorized Light Supply Column and 2./433 Motorized P.O.L. Column 556th Maintenance Platoon.
XXXIV. Höheres Kommando	no supply battalion headquarters, only the 434th Motorized Light Supply Column
XXXV. Höheres Kommando	no supply battalion headquarters, only the 435th Horse-Drawn Light Supply Column and 435th Motorized Supply Company.
XXXVI. Höheres Kommando	no supply units.
XXXVII. Höheres Kommando	437th Supply Battalion: 1./437 Motorized Light Supply Column and 2./437 Motorized P.O.L. Column.
XXXXV. Höheres Kommando	no supply battalion headquarters, only the 455th Motorized Light Supply Column and 445th Motorized Supply Company.
LIX. Höheres Kommando	no supply units.
LIX. Höheres Kommando	no supply units.
LX. Höheres Kommando	no supply units.
LXX. Höheres Kommando	no supply units.

**PIONIER-BATAILLON (motorisiert)
Motorized Combat Engineer Battalion**



KStN 703
1.02.1941

Headquarters, Motorized Combat Engineer Battalion

Bn Hqs: 3 mcl; 2 mcl w/sc; 1 car (11); 2 car (15).
Signal Det: Hqs Sect: 1 mcl w/sc.
2 Pack Radio Sect *b*: 1 car (2).
2 Pack Radio Sect *b*: ride together in 1 truck (2-ton).
Main Sect: 1 mcl w/sc; 1 car (2/40).
Bn Hqs Trains: 2 mcl; 2 trucks (light).

KStN 714
1.02.1941

Motorized Light Combat Engineer Company

Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (15); 1 trucks (2-ton).
2 Pack Radio Sect *b*: 1 car (15).
3 Engr Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (15).
2 Engr Sect: 1 car (2); 2 trucks (2-ton); 1 Combat Engineer Section with 1 LMG.
1 Engr Sect: 1 mcl; 1 mcl w/sc; ; 2 trucks (2-ton); 1 Combat Engineer Section with 1 LMG.
Main Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 mcl; 2 trucks (light); 1 truck (medium).

KStN 733
1.10.1937

Motorized Type B Bridge Column

Col Hqs: 3 mcl; 1 car (2).
2 Bridge Plt: Hqs Sect: 1 mcl; 1 car (2).
Trestle Sect: 4 halftracks (7); 4 trailers (4-wheel w/ trestles)
Pontoon Sect: 8 trucks (3-ton); 8 trailers (4-wheel w/ 3 pontoons each).
Boat Sect: 1 truck (3-ton); 1 trailer (4-wheel w/ motor boat).
1 Support Plt: 2 mcl w/sc; 1 truck (light); 1 truck (medium); 3 trucks (3-ton); 1 trailer (2-wheel w/ winch); 2 trailers (4-wheel w/ ramps).
Col Trains: 1 truck (light).

KStN 741
1.02.1941

Motorized Light Engineer Transport Column

Col Hqs: 1 mcl; 1 mcl w/sc; 1 car (light).
1 Plt: 1 mcl; 1 mcl w/sc; 6 trucks (medium); 2 trailers (2-wheel w/ air compressor).
1 Plt: 1 mcl; 1 mcl w/sc; 7 trucks (medium); 1 ambulance (31).
Col Trains: 1 mcl; 1 truck (light).

NOTES:

Only the XIV. Armeekorps (mot) had a combat engineer battalion, namely the Pionier-Bataillon (mot) 60.

**LEHR-BRIGADE (motorisiert) 900
900th Motorized Demonstration Brigade**

- KStN 1108**
1.02.1941 **Headquarters, Motorized Infantry Battalion**
Bn Hqs: 5 mcl; 3 mcl w/sc; 2 cars (15).
Signal Det: Hqs Sect: 1 car (2).
2 Lt Tele Sect *d*: 1 car (15).
2 Pack Radio Sect *d*: 1 car (2).
2 Lt Radio Sect *d*: 1 van (17).
Bn Maint Det: 1 mcl w/sc; 1 car (1); 1 car (2/40); 5 trucks (2-ton).
Bn Trains: 2 mcl; 2 cars (light); 5 trucks (light).
- KStN 1112 *)**
1.02.1941 **Motorcycle Infantry Company**
Co Hqs: Hqs Sect: 3 mcl; 1 mcl w/sc; 1 car (15); 1 car (18).
3 Mcl Plt: Hqs Sect: 2 mcl; 1 car (15); 1 car (18).
3 Mcl Sqd: 4 mcl w/sc; 1 Infantry Squad w/ 2 LMG.
1 Mortar Sect: 2 mcl w/sc; 1 mortar (50mm).
HMG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 2 cars (15).
2 MG Det: 8 mcl w/sc; 2 HMG.
Co Maint Sect: 1 mcl; 1 car (2/40); 1 truck (2-ton).
Co Trains: 2 mcl; 1 mcl w/sc; 1 car (15); 7 trucks (light).
- KStN 1114 *)**
1.02.1941 **Motorized Infantry Company**
Co Hqs: Hqs Sect: 3 mcl; 1 mcl w/sc; 1 car (15); 1 car (18).
MG Det: 2 trucks (70); 2 HMG.
3 Inf Plt: Hqs Sect: 2 mcl; 1 car (15); 1 car (18).
3 Inf Sqd: 2 trucks (70); 1 Infantry Squad w/ 2 LMG.
1 Mortar Sect: 1 truck (70); 1 mortar (50mm).
Co Maint Sect: 1 mcl; 1 car (2/40).
Co Trains: 2 mcl w/sc; 1 car (15); 2 trucks (light); 3 trucks (medium).
- KStN 1121**
1.02.1941 **Motorized Heavy Company**
Co Hqs: 2 mcl; 2 mcl w/sc; 2 cars (15).
Co Trains: 1 mcl; 2 mcl w/sc; 1 car (15); 1 car (2/40); 5 trucks (light).
- KStN 1122**
1.02.1941 **ATG Plt:** Hqs Sect: 1 mcl; 1 mcl w/sc.
Gun Sect: 5 trucks (69); 3 ATG (37mm – towed); 1 LMG.
- KStN 1123**
1.02.1941 **Lt IG Plt:** Hqs Sect: 1 mcl; 2 mcl w/sc.
Lt Tele Sect *c*: 1 car (15).
Gun Sect: 4 trucks (69); 2 IG (75mm – towed).
- KStN 1126**
1.02.1941 **Mortar Plt:** Hqs Sect: 1 mcl; 1 car (11).
3 Mortar Sect: 3 trucks (70); 2 mortars (81mm).
- KStN 115c *)**
1.02.1941 **Headquarters, Infantry Battalion (motorized)**
Bn Hqs: 4 mcl; 2 mcl w/sc; 1 car (1); 2 cars (15).
Signal Det: Hqs Sect: 1 car (15); 1 truck (2-ton).
1 Lt Tele Sect *d*: rides in Headquarters Section truck (2-ton).
2 Pack Radio Sect *d*: 1 car (2).
2 Pack Radio Sect *d*: ride in Headquarters Section truck (2-ton).
Bn Maint Det: 1 mcl w/sc; 1 car (light); 1 car (2/40); 1 truck (light); 2 trucks (3-ton).
Bn Trains: 1 mcl; 1 mcl w/sc; 3 cars (light); 1 truck (light); 4 trucks (medium); 6 trucks (3-ton); 1 ambulance (31).
- KStN 138c *)**
1.02.1941 **Infantry Company (motorized)**
Co Hqs: 3 mcl; 2 mcl w/sc; 1 car (15).
3 Inf Plt: Hqs Sect: 1 mcl.
4 Inf Sqd: 1 truck (3-ton); 1 Infantry Squad w/ 1 LMG.
1 Mortar Sect: 1 mortar (50mm); rides with one of the Infantry Squads.
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 car (light); 1 truck (light); 2 trucks (medium).
- KStN 161c *)**
1.02.1941 **Machine Gun Company (motorized)**
Co Hqs: Hqs Sect: 3 mcl; 2 mcl w/sc.
2 Lt Tele Sect: 1 car (15).
2 HMG Plt: Hqs Sect: 1 mcl w/sc; 1 car (15).
3 HMG Det: 1 truck (3-ton); 2 HMG.
1 Mortar Plt: Hqs Sect: 1 mcl; 1 car (11).
3 Mortar Sect: 2 trucks (3-ton); 2 mortars (81mm).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 car (light); 1 truck (light); 2 trucks (medium).
- KStN 712 *)**
1.02.1941 **Motorized Combat Engineer Company**
Co Hqs: 2 mcl; 1 car (15).
2 Lt Radio Sect *e*: 1 van (17)
Support Det: 1 mcl w/sc; 3 trucks (3-ton); 2 trailers (compressor).
3 CE Plt: Hqs Sect: 1 mcl w/sc; 1 car (15).
3 Engr Sect: 1 truck (3-ton); 1 Combat Engineer Section with 1 LMG.
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 mcl w/sc; 4 trucks (medium).
- KStN 733**
1.10.1937 **Motorized Bridge Column "B"**
Col Hqs: 3 mcl; 1 car (1).
2 Bridge Plt: Hqs Sect: 1 mcl; 1 car (1).
Pontoon Sect: 4 halftracks (7); 4 trailers (3 pontoons each).
Pontoon Sect: 4 trucks (3-ton); 4 trailers (3 pontoons each).
Trestle Sect: 2 trucks (3-ton); 2 trailers (trestles).
Transom Sect: 2 trucks (3-ton); 2 trailers (shore transoms).
Boat Sect: 1 truck (3-ton); 1 trailer.
1 Support Plt: Hqs Sect: 1 mcl w/sc.
Ramp Sect: 2 trucks (3-ton); 2 trailers (ramps).
Winch Sect: 1 truck (3-ton); 1 trailer (winch).
Col Trains: 1 mcl w/sc; 1 truck (light); 2 trucks (medium).

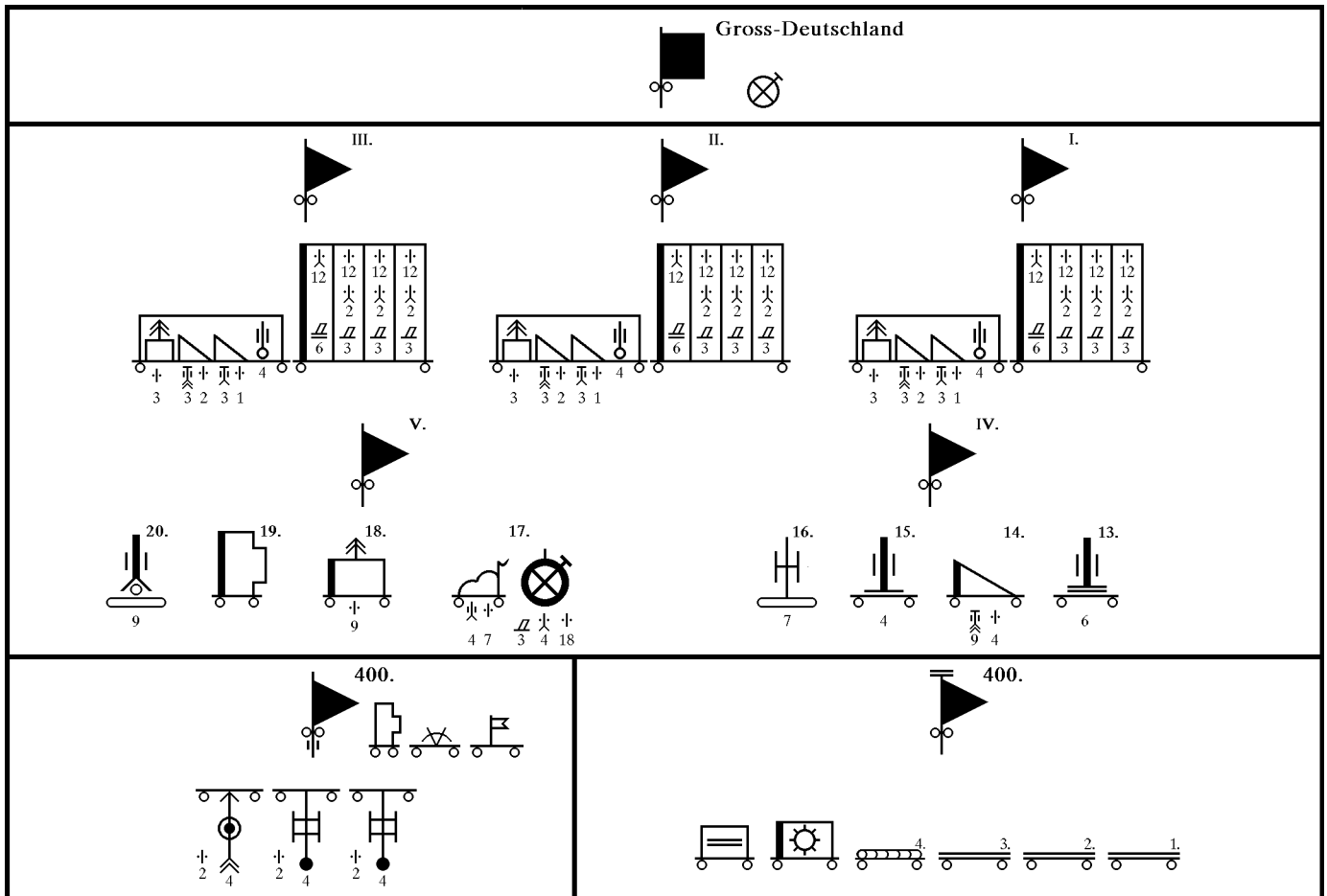
LEHR-BRIGADE (motorisiert) 900
900th Motorized Demonstration Brigade

- KStN 406**
1.02.1941
Headquarters, Motorized Artillery Battalion
Bn Hqs: 3 mcl; 2 mcl w/sc; 2 cars (1); 1 car (15).
- KStN 584 *)**
1.02.1941
Headquarters Battery, Motorized Artillery Battalion
Bty Hqs: 3 mcl; 2 cars (15); 1 truck (2-ton).
Signal Plt: Plt Hqs: 1 mcl w/sc.
1 Med Tele Sect *b*: 1 car (15); 1 van (76).
3 Lt Tele Sect *c*: 1 car (15).
3 Pack Radio Sect *b*: ride in various battery vehicles.
1 Pack Radio Sect *b*: 1 car (2).
1 Lt Radio Sect *c*: 1 van (17/1).
Calibration Sect: 1 mcl; 1 car (3); 1 truck (2-ton).
Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
Bty Trains: 1 car (light); 1 AA car (4 w/ dual MG); 2 trucks (light); 4 trucks (medium).
Bn Maint Det: 1 car (light); 5 trucks (medium).
- KStN 434 *)**
1.02.1941
Motorized Light Field Howitzer Battery
Bty Hqs: 3 mcl; 3 cars (15).
Signal Det: Hqs Sect: 1 car (15).
1 Lt Tele Sect *c*: 1 car (15).
1 Med Tele Sect *b*: 1 car (15); 1 truck (76).
1 Pack Radio Sect *b*: 1 car (2).
Gun Plt: Hqs Sect: 1 mcl; 1 AA car (4 w/ dual MG); 1 halftrack (11).
Ammo Sect: 1 car (1); 4 trucks (medium).
2 Gun Sect: 2 halftracks (11); 2 Field Howitzers (105mm – towed).
Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
Bty Trains: 1 mcl w/sc; 4 trucks (medium).
- KStN 446 *)**
18.04.1941
Assault Gun Battery
Bty Hqs: 3 mcl; 1 mcl w/sc; 1 car (15); 1 Sturmgeschütz (142).
Signal Det: 3 Lt Radio Sect: 1 car (2).
1 Lt Tele Sect *d*: 1 car (15).
3 StuG Plt: Hqs Sect: 1 mcl; 1 car (15).
Gun Sect: 2 Sturmgeschütz (142); 1 armored ammo carrier (252); 1 trailer (ammo).
Bty Maint Sect: 2 mcl w/sc; 1 car (2/40); 2 trucks (medium).
Bty Trains: 1 mcl; 1 car (1); 2 trucks (light); 1 truck (2-ton); 5 trucks (medium); 5 trucks (medium).
- KStN 1106 *)**
1.02.1941
Headquarters, Motorized Anti-Tank Battalion
Bn Hqs: 2 mcl; 1 mcl w/sc; 2 cars (15).
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); 2 trucks (light); 1 truck (2-ton); 1 truck (medium); 1 truck (3-ton); 1 ambulance (31).
- KStN 1192**
1.02.1941
Signal Platoon, Motorized Anti-Tank Battalion
Plt Hqs: 2 mcl; 1 mcl w/sc; 1 car (15).
1 Lt Tele Sect *c*: 1 car (15).
6 Pack Radio Sect *b*: 1 car (2).
2 Lt Radio Sect *b*: 1 van (17).
- KStN 1141 *)**
1.02.1941
Motorized Anti-Tank Company
Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (12).
2 Lt Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (12).
Gun Sect: 6 trucks (69); 4 ATG (37mm – towed); 2 trailers (ammo); 2 LMG.
1 Med 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.
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).
- KStN 1148 *)**
1.02.1941
Self-Propelled Anti-Tank Company
Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (15); 1 Pz-I (101) chassis (without turret).
3 ATG Plt: Hqs Sect: 2 mcl; 1 mcl w/sc.
Ammo Sect: 1 halftrack (10); 1 trailer (ammo).
Gun Sect: 3 SP'd ATG (47mm on Pz-I).
Co 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 (2-ton); 4 truck (3-ton); 2 trailers (ammo).

**LEHR-BRIGADE (motorisiert) 900
900th Motorized Demonstration Brigade**

KStN 807 *) 1.02.1941	Headquarters, Motorized Signal Battalion Bn Hqs: 2 mcl; 1 car (1); 2 cars (15); 1 truck (2-ton).
KStN 832 *) 18.09.1940	Motorized Telephone Company Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (15); 1 truck (lt); 2 LMG. 1 Tele Plt: Hqs Sect: 2 mcl; 1 car (15). 3 Tele Ops Sect a: 1 car (15); 1 truck (77). 4 Lt Tele Sect b: 1 car (15). 3 Tele Plt: Hqs Sect: 2 mcl; 1 car (15). 4 Hvy Tele Sect a: 1 car (2); 1 truck (77). Maint Sect: 1 mcl w/sc; 1 car (2/40). Co Trains: 1 car (15); 2 trucks (light); 3 trucks (medium).
KStN 858 *) 18.09.1940	Motorized Radio Company Co Hqs: 1 mcl; 1 mcl/sc; 1 car (15); 1 truck (lt); 2 LMG 1 Radio Plt: Hqs Sect: 2 mcl; 1 car (15). 5 Med Radio Sect b: 1 car (15). 2 Radio Plt: Hqs Sect: 2 mcl; 1 car (15). 2 Lt Radio Sect c: 1 van (17). 10 Lt Radio Sect d: 1 van (17). 1 Radio Plt: Hqs Sect: 2 mcl; 1 car (15). 4 Pack Radio Sect b: 1 car (2). 4 Pack Radio Sect d: 1 car (2). 1 Radio Interception Sect: 1 van (17). 1 Radio Receiver Sect: 1 van (17). 1 Code Sect: 2 cars (15). Maint Sect: 1 mcl w/sc; 1 car (2/40). Co Trains: 1 car (15); 2 trucks (light); 2 trucks (medium); 1 van (42); 1 trailer (generator).
KStN 871 *) 1.10.1937	Motorized Light Signal Column Col: 1 mcl w/sc; 1 car (light); 1 van (light); 1 truck (light); 5 trucks (medium); 5 trucks (3-ton); 1 van (42); 1 trailer (generator).
KStN 1208 *) 1.03.1939	Headquarters, Motorized Divisional Supply Battalion Bn Hqs: 1 mcl; 4 mcl; 1 car (medium); 1 bus (light/11 seats). Bn Trains: 1 truck (light).
KStN 1225 *) 1.10.1937	Motorized Transport Company (30 tons) Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (light). 2 Sect: 5 trucks (medium). 1 Sect: 1 mcl w/sc; 1 truck (light).
KStN 1226 1.10.1937	Motorized Fuel Transport Column (25 m³) Col Hqs: 1 mcl; 1 mcl w/sc; 1 car (light). 2 Sect: 5 trucks (medium). 1 Sect: 1 mcl w/sc; 1 truck (light).
ex KStN 1255 1.10.1937	Motorized Supply Platoon Supply Plt: 1 mcl w/sc; 4 trucks (medium).
KStN 1052 1.10.1937	Motorized Motor Maintenance Company Co Hqs: 1 mcl; 1 car (light). Workshop Plt: 1 mcl w/sc; 1 car (light); 2 trucks (heavy); 1 bus (medium/31 seats); 1 van (79); 1 halftrack (7); 1 trailer (cargo); 1 trailer (generator). Armorer Plt: 2 mcl w/sc; 1 truck (2-ton); 4 trucks (medium). Co Trains: 1 mcl; 1 car (light); 2 trucks (light).
KStN 2086 *) 1.10.1937	Motorized Divisional Commissary Detachment Det: 1 mcl; 4 trucks (medium); 2 LMG.
KStN 1314 *) 1.03.1939	Motorized Medical Company Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (light). 3 Plt: 1 car (light); 5 trucks (medium); 1 ambulance (31). Co Trains: 1 mcl; 3 trucks (light).
KStN 1365 *) 1.10.1937	Motorized Ambulance Platoon Plt Hqs: 4 mcl w/sc; 2 cars (light). 2 Sect: 8 ambulances (31).
KStN 2033 *) 1.10.1937	Motorized Military Police Detachment Det: 12 mcl; 4 mcl w/sc; 14 cars (light); 1 truck (light).
KStN 2251 *) 1.02.1941	Motorized Field Post Detachment Det: 3 cars (light); 1 truck (medium).

INFANTRIE-REGIMENT (motorisiert) Großdeutschland
Gross-Deutschland Infantry Regiment (motorized)



KStN 104 * **Headquarters, Gross-Deutschland Infantry Regiment (motorized)**
 1.10.1939 Rgt Hqs: 6 mcl; 4 mcl w/sc; 3 cars (15).

KStN 1132 **Motorcycle Messenger Detachment**
 1.02.1941 Det: 12 mcl; 1 mcl w/sc; 1 car (15).

KStN 406 **Headquarters, Motorized Artillery Battalion**
 1.02.1941 Bn Hqs: 3 mcl; 2 mcl w/sc; 2 cars (1); 1 car (15).

KStN 555 * **Signal Platoon, Motorized Artillery Battalion**
 1.10.1938 Signal Plt: Plt Hqs: 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).

KStN 529 * **Motorized Artillery Calibration Detachment**
 1.02.1941 Calibration Sect: 2 mcl; 1 car (3); 1 truck (2-ton).

KStN 531 * **Motorized Artillery Weather Detachment**
 8.05.1940 Weather Det: 2 cars (1); 1 van (62).

KStN 434 * **Motorized Light 105mm Field Howitzer Battery**
 1.02.1941 Bty Hqs: 3 mcl; 3 cars (15).
 Signal Det: Hqs Sect: 1 car (15).
 1 Lt Tele Sec *c*: 1 car (15).
 1 Med Tele Sect *b*: 1 car (15); 1 truck (76).
 1 Pack Radio Sect *b*: 1 car (2).
 Gun Plt: Hqs Sect: 1 mcl; 1 AA car (4 w/ dual MG); 1 halftrack (11).
 Ammo Sect: 1 car (1); 4 trucks (medium).
 2 Gun Sect: 2 halftracks (11); 2 Light Field Howitzers (105mm – towed).
 Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 1 mcl w/sc; 4 trucks (medium).

KStN 462 * **Motorized Heavy 150mm Field Howitzer Battery**
 1.02.1941 Bty Hqs: 3 mcl; 3 cars (15).
 Signal Det: Hqs Sect: 1 car (15).
 1 Lt Tele Sec *c*: 1 car (15).
 1 Med Tele Sect *b*: 1 car (15); 1 truck (76).
 1 Pack Radio Sect *b*: 1 car (2).
 Gun Plt: Hqs Sect: 1 mcl; 1 AA car (4 w/ dual MG); 1 halftrack (7).
 Ammo Sect: 1 car (1); 4 trucks (medium).
 2 Gun Sect: 2 halftracks (7); 2 Heavy Field Howitzers (150mm – towed).
 Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 1 mcl w/sc; 4 trucks (medium).

Status on 22.06.1941

Commanding Officer:
 Oberst (Colonel) Wilhelm-Hunold von Stockhausen
 Raised: 12.06.1939 as Inf. Rgt.
 1.10.1939 as Inf.Rgt. (mot)
 Home Wehrkreis: III
 Assigned to:
 XXXXVth Mot. Corps, 2nd Pz Group, AG Center

INFANTRIE-REGIMENT (motorisiert) Großdeutschland
Gross-Deutschland Infantry Regiment (motorized)

- KStN 118 *)**
1.10.1939
Headquarters, (I. – III.) Infantry Battalion (motorized), Gross-Deutschland Infantry Regiment (motorized)
 Bn Hqs: 2 mcl; 1 mcl w/sc; 1 car (1); 2 cars (15).
 Signal Det: Hqs Sect: 1 car (15); 1 truck (2-ton).
 1 Lt Tele Sect *d*: rides in Headquarters Section truck (2-ton).
 2 Pack Radio Sect *d*: 1 car (2).
 2 Pack Radio Sect *d*: ride in Headquarters Section truck (2-ton).
 Bn Maint Det: 1 mcl w/sc; 1 car (light); 1 car (2/40); 1 truck (light); 2 trucks (3-ton).
 Bn Trains: 1 mcl; 1 mcl w/sc; 3 cars (light); 1 truck (light); 4 trucks (medium); 6 trucks (3-ton); 1 ambulance (31).
- KStN 139 *)**
1.02.1941
Infantry Company (motorized), Gross-Deutschland Infantry Regiment (motorized)
 Co Hqs: 4 mcl; 3 cars (15).
 HMG Det: 1 truck (3-ton); 2 HMG.
 3 Inf Plt: Hqs Sect: 1 mcl w/sc; 1 truck (2-ton).
 4 Inf Sqd: 1 truck (3-ton); 1 Infantry Squad w/ 1 LMG.
 1 Mortar Sect: 1 truck (3-ton); 1 mortar (50mm).
 Co Maint Sect: 1 mcl; 1 car (2/40).
 Co Trains: 2 mcl w/sc; 1 car (15); 2 trucks (light); 3 trucks (medium).
- KStN 162**
1.02.1941
Machine Gun Company (motorized), Gross-Deutschland Infantry Regiment (motorized)
 Co Hqs: 4 mcl; 3 cars (15).
 3 MG Plt: Hqs Sect: 1 mcl w/sc; 2 cars (15).
 2 MG Det: 1 truck (3-ton); 2 HMG.
 1 Mortar Plt: Hqs Sect: 1 mcl; 2 cars (11).
 3 Mortar Sect: 1 car (11); 2 trucks (3-ton); 2 mortars (81mm).
 Co Maint Sect: 1 mcl; 1 car (2/40).
 Co Trains: 2 mcl; 1 mcl w/sc; 1 car (light); 3 trucks (light); 3 trucks (medium).
- Motorized Heavy Company**
 Co Hqs: 2 mcl; 2 mcl w/sc; 2 cars (15).
 Co Trains: 1 mcl; 2 mcl w/sc; 1 car (15); 1 car (2/40); 5 trucks (light).
- KStN 1121**
1.02.1941
KStN 1122
1.02.1941
 Lt ATG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (12).
 Ammo Sect: 2 trucks (69); 1 LMG.
 Gun Sect: 3 trucks (69); 3 ATG (37mm – towed).
- KSTN 1122a**
1.02.1941
 Med ATG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (12).
 Ammo Sect: 2 halftracks (10); 2 LMG.
 Gun Sect: 3 halftracks (19); 3 ATG (50mm – towed).
- ex **KStN 191**
1.02.1941
 AA Plt: Hqs Sect: 3 mcl; 2 cars (15).
 Ammo Sect: 2 halftracks (10).
 Gun Sect: 4 halftracks (10); 4 AA guns (20mm – towed).
- KStN 1124**
1.02.1941
 Engr Plt: Hqs Sect: 2 mcl; 2 mcl w/sc; 3 cars (1).
 3 Sect: 2 trucks (2-ton); 1 Engineer Section w/ 1 LMG.
- KStN 118 *)**
1.10.1939
Headquarters, (IV.) Infantry Battalion (motorized), Gross-Deutschland Infantry Regiment (motorized)
 Bn Hqs: 2 mcl; 1 mcl w/sc; 1 car (1); 2 cars (15).
 Signal Det: Hqs Sect: 1 car (15); 1 truck (2-ton).
 1 Lt Tele Sect *d*: rides in Headquarters Section truck (2-ton).
 2 Pack Radio Sect *d*: 1 car (2).
 2 Pack Radio Sect *d*: ride in Headquarters Section truck (2-ton).
 Bn Maint Det: 1 mcl w/sc; 1 car (light); 1 car (2/40); 1 truck (light); 2 trucks (3-ton).
 Bn Trains: 1 mcl; 1 mcl w/sc; 3 cars (light); 1 truck (light); 4 trucks (medium); 6 trucks (3-ton); 1 ambulance (31).
- KStN 174 *)**
1.10.1939
Light Infantry Gun Company (motorized), Gross-Deutschland Infantry Regiment (motorized)
 Co Hqs: Hqs Sect: 3 mcl; 3 mcl w/sc; 2 cars (12).
 Lt Tele Sect *d*: 1 car (15).
 3 Lt IG Plt: Hqs Sect: 1 mcl; 1 car (12).
 Lt Tele Sect *d*: 1 car (15).
 Ammo Sect: 2 cars (12); 2 trailers (ammo).
 Gun Sect: 2 cars (12); 2 IG (75mm – towed).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 mcl; 1 car (light); 1 truck (2-ton); 1 truck (medium); 1 truck (3-ton).
- KStN 1141 *)**
1.02.1941
Motorized Anti-Tank Company
 Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (12); 1 LMG.
 3 ATG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (12); 1 LMG.
 Ammo Sect: 2 halftracks (10); 2 trailers (ammo).
 Gun Sect: 3 halftracks (10); 3 ATG (50mm – towed).
 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).
- KStN 178 *)**
1.10.1939
Heavy Infantry Gun Company (motorized), Gross-Deutschland Infantry Regiment (motorized)
 Co Hqs: Hqs Sect: 3 mcl; 1 mcl w/sc; 3 cars (15).
 2 Lt Tele Sect *d*: 1 car (15).
 2 Pack Radio Sect *d*: 1 car (2).
 2 IG Plt: Hqs Sect: 1 mcl; 2 cars (15).
 Lt Tele Sect: 1 car (15).
 Ammo Sect: 2 halftracks (10); 2 trailers (ammo).
 Gun Sect: 2 halftracks (10); 2 IG (150mm – towed).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (medium).
 Co Trains: 4 mcl; 1 car (light); 1 car (15); 1 truck (2-ton); 4 trucks (3-ton).
- KStN 446 *)**
18.04.1941
Assault Gun Battery
 Bty Hqs: 3 mcl; 1 mcl w/sc; 1 car (15); 1 Sturmgeschütz (142).
 Signal Det: 3 Lt Radio Sect: 1 car (2).
 1 Lt Tele Sect *d*: 1 car (15).
 3 StuG Plt: Hqs Sect: 1 mcl; 1 car (15).
 Gun Sect: 2 Sturmgeschütz (142); 1 armored ammo carrier (252); 1 trailer (ammo).
 Bty Maint Sect: 2 mcl w/sc; 1 car (2/40); 2 trucks (medium).
 Bty Trains: 1 mcl; 1 car (1); 2 trucks (light); 1 truck (2-ton); 5 trucks (medium); 5 trucks (medium).

INFANTRIE-REGIMENT (motorisiert) *Großdeutschland*
Gross-Deutschland Infantry Regiment (motorized)

- KStN 118 *)** **Headquarters, (V.) Infantry Battalion (motorized), Gross-Deutschland Infantry Regiment (motorized)**
 1.10.1939
 Bn Hqs: 2 mcl; 1 mcl w/sc; 1 car (1); 2 cars (15).
 Signal Det: Hqs Sect: 1 car (15); 1 truck (2-ton).
 1 Lt Tele Sect *d*: rides in Headquarters Section truck (2-ton).
 2 Pack Radio Sect *d*: 1 car (2).
 2 Pack Radio Sect *d*: ride in Headquarters Section truck (2-ton).
 Bn Maint Det: 1 mcl w/sc; 1 car (light); 1 car (2/40); 1 truck (light); 2 trucks (3-ton).
 Bn Trains: 1 mcl; 1 mcl w/sc; 3 cars (light); 1 truck (light); 4 trucks (medium); 6 trucks (3-ton); 1 ambulance (31).
- KStN 1112 *)** **Motorcycle Infantry Company**
 1.02.1941
 Co Hqs: Hqs Sect: 3 mcl; 1 mcl w/sc; 1 car (15); 1 car (18).
 3 Mcl Plt: Hqs Sect: 2 mcl; 1 car (15); 1 car (18).
 3 Mcl Sqd: 4 mcl w/sc; 1 Infantry Squad w/ 2 LMG.
 1 Mortar Sect: 2 mcl w/sc; 1 mortar (50mm).
 HMG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 2 cars (15).
 2 MG Det: 8 mcl w/sc; 2 HMG.
 Co Maint Sect: 1 mcl; 1 car (2/40); 1 truck (2-ton).
 Co Trains: 2 mcl; 1 mcl w/sc; 1 car (15); 7 trucks (light).
 AC Plt: 1 car (1); 1 truck (2-ton); 4 AC (222); 3 AC (223).
- KStN 1137**
 1.02.1941
- KStN 712 *)** **Motorized Combat Engineer Company**
 1.02.1941
 Co Hqs: 2 mcl; 1 car (15).
 2 Lt Radio Sect *e*: 1 van (17)
 Support Det: 1 mcl w/sc; 3 trucks (3-ton); 2 trailers (compressor).
 3 CE Plt: Hqs Sect: 1 mcl w/sc; 1 car (15).
 3 Engr Sect: 1 truck (3-ton); 1 Combat Engineer Section with 1 LMG.
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 mcl w/sc; 4 trucks (medium).
 Type K Bridge Plt: Hqs Sect: 1 mcl; 1 mcl w/sc.
 Pontoon Sect: 4 trucks (3-ton).
 Trestle Sect: 4 trucks (3-ton).
 Tread Sect: 4 trucks (3-ton).
- ex **KStN 737**
 1.02.1941
- KStN 220 *)** **Infantry Signal Company (motorized)**
 30.08.1940
 Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (15); 1 truck (lt).
 2 Tele Plt: Hqs Sect: 2 mcl; 1 car (15).
 1 Tele Ops Sect: 1 car (15); 1 van (17).
 3 Hvy Tele Sect *a*: 1 car (2); 1 truck (77).
 2 Radio Plt: Hqs Sect: 2 mcl; 2 cars (15).
 6 Lt Radio Sect *d*: 1 van (17).
 1 Air Liaison Radio Sect: 1 van (17/1).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (15); 4 trucks (medium); 1 van (42); 1 trailer (generator).
- KStN 198** **Self-Propelled Medium Anti-Aircraft Company**
 1.02.1941
 Co Hqs: Hqs Sect: 2 mcl; 2 mcl w/sc; 2 cars (12); 1 LMG.
 1 Lt Tele Sect: 1 car (15).
 1 Lt Radio Sect: 1 van (17).
 4 Pack Radio Sect: 1 car (2).
 3 AA Plt: Hqs Sect: 3 mcl; 1 car (15); 1 LMG.
 Ammo Sect: 1 truck (3-ton).
 Gun Sect: 3 halftracks (6/2 with 37mm Flak).
 Ammo Det: 3 trucks (3-ton).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (medium).
 Co Trains: 3 mcl; 1 mcl w/sc; 1 car (15); 2 trucks (light); 2 trucks (2-ton); 3 trucks (3-ton).
- KStN 1208 *)** **Headquarters, Motorized Divisional Supply Battalion**
 1.03.1939
 Bn Hqs: 1 mcl; 4 mcl; 1 car (medium); 1 bus (light/11 seats).
 Bn Trains: 1 truck (light).
- KStN 1225 *)** **Motorized Transport Company (30 tons)**
 1.10.1937
 Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (light).
 2 Sect: 5 trucks (medium).
 1 Sect: 1 mcl w/sc; 1 truck (light).
- KStN 1226** **Motorized Fuel Transport Column (25 m³)**
 1.10.1937
 Col Hqs: 1 mcl; 1 mcl w/sc; 1 car (light).
 2 Sect: 5 trucks (medium).
 1 Sect: 1 mcl w/sc; 1 truck (light).
- KStN 1052** **Motorized Motor Maintenance Company**
 1.10.1937
 Co Hqs: 1 mcl; 1 car (light).
 Workshop Plt: 1 mcl w/sc; 1 car (light); 2 trucks (heavy); 1 bus (medium/31 seats); 1 van (79); 1 halftrack (7);
 1 trailer (cargo); 1 trailer (generator).
 Armorer Plt: 2 mcl w/sc; 1 truck (2-ton); 4 trucks (medium).
 Co Trains: 1 mcl; 1 car (light); 2 trucks (light).
- ex **KStN 1255** **Motorized Supply Platoon**
 1.10.1937
 Supply Plt: 1 mcl w/sc; 4 trucks (medium).

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



KStN 24 *)
9.05.1940

Headquarters, Motorized Higher Artillery Command (*Harko*)

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

NOTES:

A headquarters, higher artillery command was responsible for coordinating all artillery within the command it was assigned or attached to. It was a division-level echelon and 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 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.

There were two Headquarters, Motorized Higher Artillery Command (*Harko*):

- 301 1st Pz Group Reserves, 6th Army, Army Group South
- 302 2nd Pz Group Reserves, 4th Army, Army Group Center

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



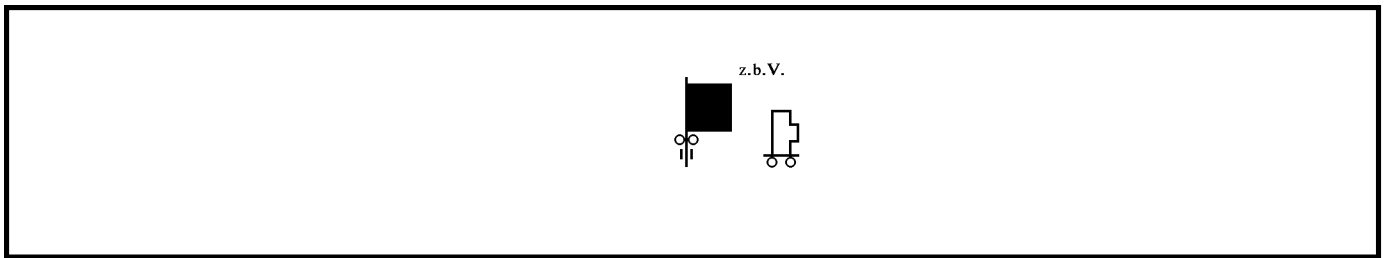
KStN 25 *) Headquarters, Motorized Artillery Command (Arko)
 1.02.1941 Arko Hqs: 5 mcl; 3 cars (1); 3 cars (15); 1 bus (light/15 seats); 2 trucks (light).

NOTES:

A headquarters, artillery command was a brigade-level artillery control echelon.

2	XXXVIIIth Corps, 18th Army, Army Group North	121	LVIIth Mot. Corps, 3rd Pz Group, Army Group Center
3	IIIrd Mot. Corps, 1st Pz Group, 6th Army, Army Group South	122	XXIIIrd Cops, Army Group North Reserves
6	XIth Corps, 11th Army, Army Group South	123	Ist Cops, 18th Army, Army Group North
7	VIIth Corps, 4th Army, Army Group Center	124	XXXXVIIIth Cops, 1st Pz Group, 6th Army; AG South
15	XXXXIVth Corps, 6th Army, Army Group South	125	LVth Cops, 4th Pz Group, Army Group North
17	XIIIth Corps, 4th Army, Army Group Center	126	VIth Cops, 3rd Pz Group, 9th Army, Army Group Center
18	XXth Corps, 9th Army, Army Group Center	127	IIIrd Mot. Corps, 1st Pz Group, 6th Army, Army Group South
19	XXVIIIth Corps, 16th Army, Army Group North	128	XXXth Mot. Corps, OKH Reserves
20	LVth Corps, 11th Army, Army Group South	129	1st Pz Group Reserves, 6th Army, Army Group South
22	Vth Corps, 3rd Pz Group, 9th Army, Army Group Center	130	XXVIIIth Cops, 16th Army, Army Group North
24	Xth Corps, 16th Army, Army Group North	131	VIIIth Cops, 9th Army, Army Group Center
27	LIIIrd Corps, 2nd Army, OKH Reserves	132	XXXXIXth Mtn. Corps, 17th Army, Army Group South
30	XXXXIst Mot. Corps, 4th Pz Group, Army Group North	133	XXXXIIIrd Cops, 4th Army, Army Group Center
31	Lth Corps, Army Group North Reserves	134	XXXXVIIIth Mot. Corps, 1st Pz Group, 6th Army, Army Group South
35	XXXIXth Mot. Corps, 3rd Pz Group, Army Group Center	135	Xth Cops, 16th Army, Army Group North
44	IXth Corps, 4th Army, Army Group Center	136	VIIIth Cops, 9th Army, Army Group Center
101	XXXXVIth Mot. Corps, 2nd Pz Group, 4th Army, Army Group Center	137	XVIIth Cops, 6th Army, Army Group South
102	XXIXth Corps, 1st Pz G, 6th Army, Army Group South	138	XIth Cops, 11th Army, Army Group South
103	XXth Corps, 9th Army, Army Group Center	139	XXXXVIIIth Mot Cops, 4th Army, Army Group Center
104	German Africa Corps (D.A.K.)	140	IVth Cops, 17th Army, Army Group South
105	IInd Corps, 16th Army, Army Group North	141	12th Army (Balkans)
106	L1st Corps, Army Group South Reserves	142	12th Army (Balkans)
107	XXth Corps, 9th Army, Army Group Center	143	XXVIth Mot. Corps, 2nd Pz Group, 4th Army, Army Group Center
108	XXXVIIIth Mot. Corps, 1st Pz Group, 6th Army, Army Group South	144	IVth Cops, 17th Army, Army Group South
109	1st Army Reserves, Army Group D	145	VIIIth Cops, 9th Army, Army Group Center
110	XXXth Corps, 11th Army, Army Group South	146	XXXXVIIth Mot. Corps, 2nd Pz Group, 4th Army, Army Group Center
111	IInd Corps, 16th Army, Army Group North	147	VIIth Cops, 4th Army, Army Group Center
112	XIIth Corps, 2nd Pz G, Army Group Center	148	XIIth Cops, 2nd Pz Group, 4th Army, Army Group Center
113	XXVIth Corps, 18th Army, Army Group North	149	2nd Army, OKH Reserves
114	XXXXIInd Corps, Army Group Center Reserves		

**STAB, ARTILLERIE-REGIMENT (motorisiert) zur besonderer Verwendung
Headquarters, Motorized Special Artillery Regiment**



KStN 411 *) Headquarters, Motorized Special Artillery Regiment
1.02.1941 Rgt Hqs: 1 mcl; 3 cars (1); 1 car (15); 1 van (3-ton).

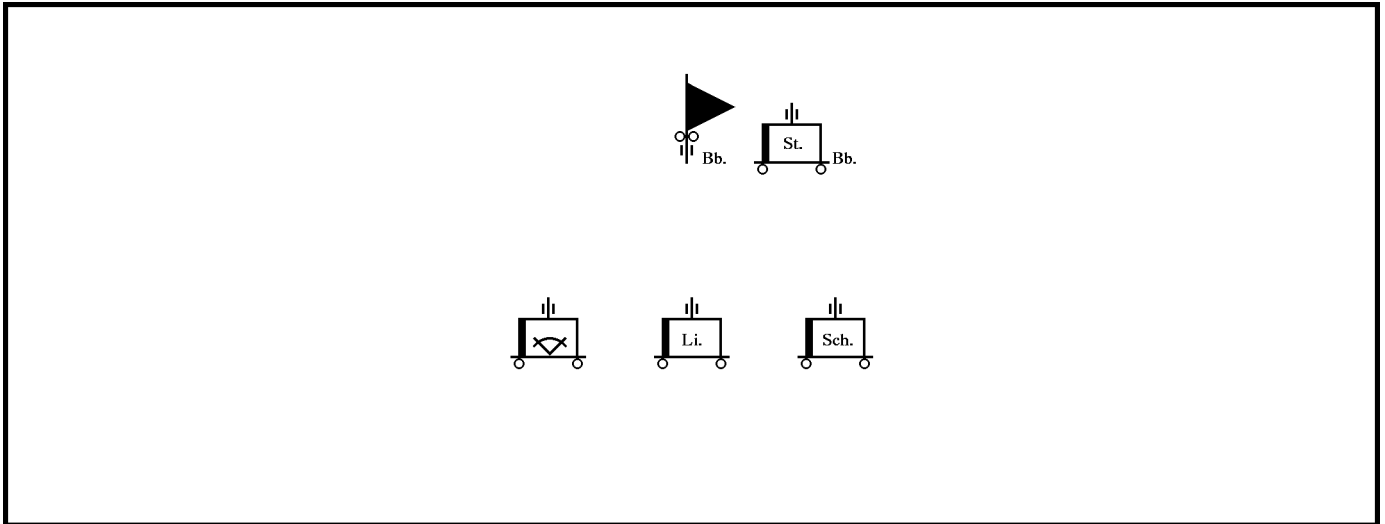
KStN 561 *) Signal Platoon, Motorized Special Artillery Regiment
1.02.1941 Hqs Sect: 1 mcl; 1 car (15).
1 Med Tele Sect *b*: 1 car (15); 1 van (76).
3 Hvy Tele Sect *a*: 1 car (2); 1 van (23).
4 Lt Radio Sect *b*: 1 van (17).
1 Lt Radio Sect *c*: 1 van (17/1).

NOTES:

The headquarters, special artillery regiment was a lower echelon unit which performed the same functions and missions as the *Harko* and the *Arko*.

41	VIIth Corps, 4th Army, Army Group Center	619	XXXXVIIIth Mot. Corps, 1st Pz Group, Army Group South
49	XXXth Corps, 11th Army, Army Group South	622	IXth Corps, 4th Army, Army Group Center
69	XXXIXth Mot. Corps, 3rd Pz Group, Army Group Center	623	XXIVth Mot. Corps, 2nd Pz Group, Army Group Center
70	XXth Corps, 9th Army, Army Group Center	627	VIIIth Corps, 9th Army, Army Group Center
109	2nd Army Reserves, OKH Reserves	677	VIIIth Corps, 9th Army, Army Group Center
110	Ist Corps, 18th Army, Army Group North	697	XXXXIIrd Corps, 4th Army, Army Group Center
221	German Africa Corps (D.A.K.)	704	IIIrd Mot. Corps, 1st Pz Group, Army Group South
501	XXXXIXth Mtn. Corps, 17th Army, Army Group South	782	IInd Corps, 16th Army, Army Group North
511	IIIrd Mot. Corps, 1st Pz Group, Army Group South	783	VIIIth Corps, 9th Army, Army Group Center
603	IInd Corps, 16th Army, Army Group North	785	Xth Corps, 16th Army, Army Group North
606	XXth Corps, 9th Army, Army Group Center	786	XXXXIIrd Corps, 4th Army, Army Group Center
609	Ist Corps, 18th Army, Army Group North	787	XIth Corps, 11th Army, Army Group South
610	XXVIIIth Corps, 16th Army, Army Group North	788	XIIth Corps, 2nd Pz Group, Army Group Center
612	XXXXVIIIth Mot. Corps, 1st Pz Group, Army Group South	792	XXXVIIth Mot. Corps, 2nd Pz Group, Army Group Center
613	XXth Corps, 9th Army, Army Group Center	891	VIIIth Corps, 9th Army, Army Group Center
614	XXIXth Corps, 1st Pz Group, Army Group South	802	VIIIth Corps, 9th Army, Army Group Center
617	XIIth Corps, 2nd Pz Group, Army Group Center	803	IInd Corps, 16th Army, Army Group North
618	XXXXIst Mot. Corps, 4th Pz Group, Army Group North	818	XXVIth Corps, 18th Army, Army Group North

BEOBACHTUNGS-ABTEILUNG (motorisiert)
Motorized Artillery Observation Battalion



KStN 533 *)
1.02.1941

Headquarters, Motorized Artillery Observation Battalion
Bn Hqs: 1 mcl; 3 cars (1); 1 van (light).

KStN 540 *)
1.02.1941

Headquarters Battery, Motorized Artillery Observation Battalion
Hqs Sect: 1 mcl; 1 cars (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 Gauge 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); 3 trucks (medium).
Bn Maint Det: 1 car (1); 2 trucks (medium); 2 vans (42); 2 trailers (generator).
Bn Trains: 2 trucks (medium).

KStN 534 *)
1.02.1941

Motorized Artillery Calibration Battery

Bty Hqs: 3 mcl; 1 car (16).
3 Calibration Plt: Hqs Sect: 1 car (3); 1 car (16).
3 Calibration Sect: 1 car (16).
1 Evaluation Plt: Hqs Sect: 1 mcl w/sc; 1 car (16).
1 Evaluation Sect: 1 van (62); 1 trailer (generator).
1 Evaluation Sect: 1 van (62).
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 535 *)
1.02.1941

Motorized Artillery Sound Ranging Battery

Bty Hqs: 4 mcl; 1 car (16).
1 Warning Plt: Hqs Sect: 1 car (3).
2 Sect: 1 car (16).
2 Sound 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).
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 *)
1.02.1941

Motorized Artillery Flash Ranging Battery

Bty Hqs: 4 mcl; 1 car (16).
3 Flash 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).
Maint Sect: 1 mcl w/sc; 1 car (2/40).
Bty Trains: 1 mcl; 4 trucks (light); 1 truck (2-ton); 1 truck (medium).

NOTES:

The Motorized Artillery Observation battalions had the mission of supporting and thereby helping to coordinate all artillery, particularly when masses of artillery were gathered into decisive points of effort. They were always found directly subordinate to a Headquarters, Artillery Regiment, or even a higher artillery command.

1. XXXXIIIrd Corps, 4th Army, Army Group Center
2. XXXXIst Mot. Corps, 4th Panzer Group, Army Group North
3. XXXXVIIth Mot. Corps, 1st Panzer Group, Army Group South
4. Ist Corps, 18th Army, Army Group North
5. IInd Corps, 16th Army, Army Group North
6. VIth Corps, 3rd Panzer Group, Army Group Center
7. VIIth Corps, 4th Army, Army Group Center
8. XIIth Corps, 2nd Panzer Group, Army Group Center
9. XXth Corps, 9th Army, Army Group Center
11. XXth Corps, 9th Army, Army Group Center
12. XXVIth Corps, 18th Army, Army Group North
13. IIIrd Mot. Corps, 1st Panzer Group, Army Group South
14. IInd Corps, 16th Army, Army Group North
15. Vth Corps, 3rd Panzer Group, Army Group Center
16. XVIIth Corps, 6th Army, Army Group South
17. XIIth Corps, 2nd Panzer Group, Army Group Center
19. XXVIIIth Corps, 16th Army, Army Group North
20. XXXXVIIth Mot. Corps, 2nd Panzer Group, Army Group Center
21. IVth Corps, 17th Army, Army Group South
22. VIIIth Corps, 9th Army, Army Group Center
23. IVth Corps, 17th Army, Army Group South
24. XXIIIrd Corps, Army Group Reserves
25. VIIIth Corps, 9th Army, Army Group Center
26. Ist Corps, 18th Army, Army Group North
27. XXXXIXth Mtn Corps, 17th Army, Army Group South
28. IXth Corps, 4th Army, Army Group Center
29. LIVth Corps, 11th Army, Army Group South
30. XXXIXth Mot. Corps, 3rd Panzer Group, Army Group Center
31. XXXth Corps, 11th Army, Army Group South
32. XXXXIVth Corps, 6th Army, Army Group South
33. 12th Army (Balkans)
34. XIth Corps, 11th Army, Army Group South
35. XXth Corps, 9th Army, Army Group Center
36. XXXXIIIrd Corps, 4th Army, Army Group Center
38. Xth Corps, 16th Army, Army Group North
44. XXIXth Corps, 1st Panzer Group, Army Group South

BALLON-BATTERIE (motorisiert)
Motorized Balloon Battery



KStN 539 *)
1.02.1941

Motorized Balloon Battery

Bty Hqs: 1 mcl; 2 cars (16).
 Evaluation Plt: 1 mcl w/sc; 1 car (light); 2 vans (62).
 Weather Plt: 2 Weather Sect: 1 mcl; 1 car (light); 1 truck (medium).
 Signal Plt: Hqs: 1 car (15).
 3 Med Tele Sect *b*: 1 car (15); 1 van (76).
 3 Lt Radio Sect *b*: 1 van (17).
 Balloon Plt: 1 car (15); 5 trucks; 1 halftrack (18); 1 trailer (2 axle for winch – *Sd.Anh. 204*).
 1st Gas Det: 1 car (15); 6 trucks (3-ton).
 2nd Gas Det: 6 trucks (medium).
 3 AA Plt: Hqs Sect: 3 mcl; 2 cars (15/2).
 Ammo Sect: 2 halftracks (10).
 Gun Sect: 4 halftracks (10/4 with 20mm AA guns); 4 trailers (for guns).
 Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 1 car (light); 7 trucks (light); 1 truck (medium).

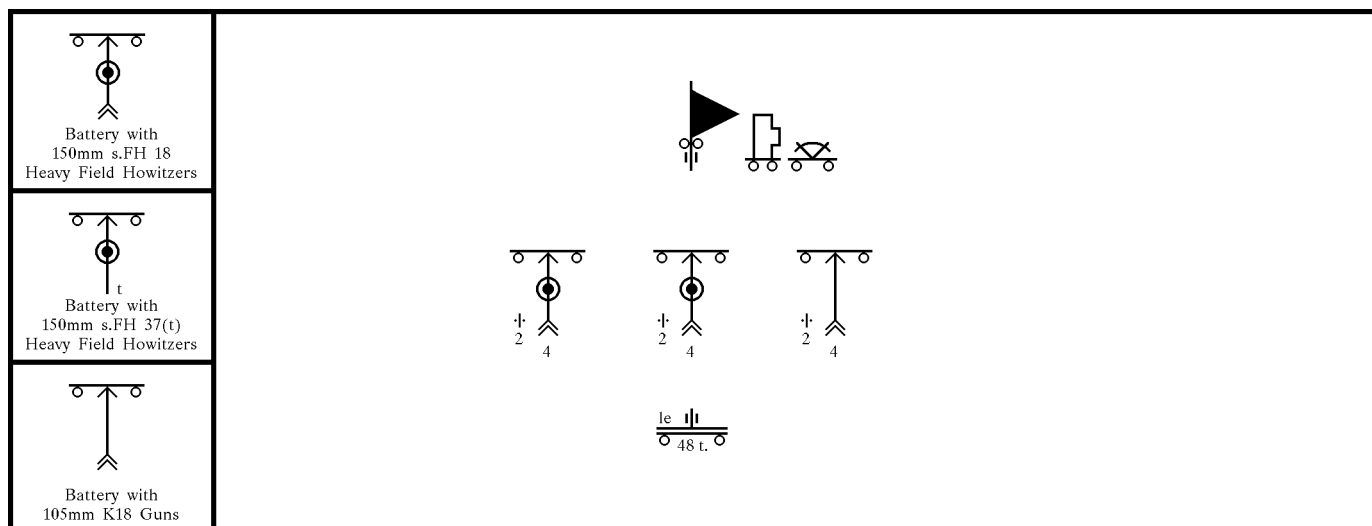
NOTES:

It had originally been considered to have one Motorized Balloon Battery for each motorized observation battalion. However, the increase in fire power (and hence the vulnerability of the balloons) as well as the mobile nature of warfare in World War II precluded this concept. They were attached to Artillery Observation Battalions as needed.

The captive balloons could ascend to a height of 1000 meters.

4./1	XXXXVIIth Mot Corps, 1st Panzer Group, Army Group South
4./4	Ist Corps, 18th Army, Army Group North
4./5	IInd Corps, 16th Army, Army Group North
4./6	VIIIth Corps, 9th Army, Army Group Center
100.	XIIth Corps, 2nd Panzer Group, Army Group Center.
101.	XIIth Corps, 2nd Panzer Group, Army Group Center.

SCHWERER 15cm SCHWERE FELDHUABITZEN UND 10cm KANONEN-ABTEILUNG (motorisiert)
Motorized Heavy 150mm Field Howitzer and 105mm Gun Battalion



- KSStN 406** **Headquarters, Motorized Artillery Battalion**
 1.02.1941 Bn Hqs: 3 mcl; 2 mcl w/sc; 2 cars (1); 1 car (15).
- KSStN 555 *)** **Signal Platoon, Motorized Artillery Battalion**
 1.10.1938 Signal Plt: Plt Hqs: 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).
- KSStN 529 *)** **Motorized Artillery Calibration Detachment**
 1.02.1941 Calibration Sect: 2 mcl; 1 car (3); 1 truck (2-ton).
- KSStN 511** **Motorized Light Artillery Column**
 1.02.1941 Col: 2 mcl; 1 mcl w/sc; 2 trucks (light); 16 trucks (medium).
- KSStN 454 *)** **Motorized Heavy 105mm Gun Battery**
 1.02.1941 Bty Hqs: 3 mcl; 1 car (1); 3 cars (15).
 Signal Plt: Hqs Sect: 1 mcl.
 1 Lt Tele Sec *c*: 1 car (15).
 1 Med Tele Sect *b*: 1 car (15); 1 truck (76).
 1 Pack Radio Sect *b*: 1 car (2).
 Gun Plt: Hqs Sect: 1 mcl; 1 AA car (4 w/ dual MG); 2 cars (15); 1 halftrack (7).
 Ammo Sect: 1 car (1); 4 trucks (3-ton).
 2 Gun Sect: 2 halftracks (7); 2 Guns (105mm – towed).
 Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 1 mcl w/sc; 4 trucks (medium).
- KSStN 462 *)** **Motorized Heavy 150mm Field Howitzer Battery**
 1.02.1941 Bty Hqs: 3 mcl; 3 cars (15).
 Signal Det: Hqs Sect: 1 car (15).
 1 Lt Tele Sec *c*: 1 car (15).
 1 Med Tele Sect *b*: 1 car (15); 1 truck (76).
 1 Pack Radio Sect *b*: 1 car (2).
 Gun Plt: Hqs Sect: 1 mcl; 1 AA car (4 w/ dual MG); 1 halftrack (7).
 Ammo Sect: 1 car (1); 4 trucks (medium).
 2 Gun Sect: 2 halftracks (7); 2 Heavy Field Howitzers (150mm – towed).
 Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 1 mcl w/sc; 4 trucks (medium).

NOTES:

The Motorized Light Artillery Column functioned as the battalion trains. The column capacity was achieved by varying the number of medium trucks (each with a 3-ton load capacity).

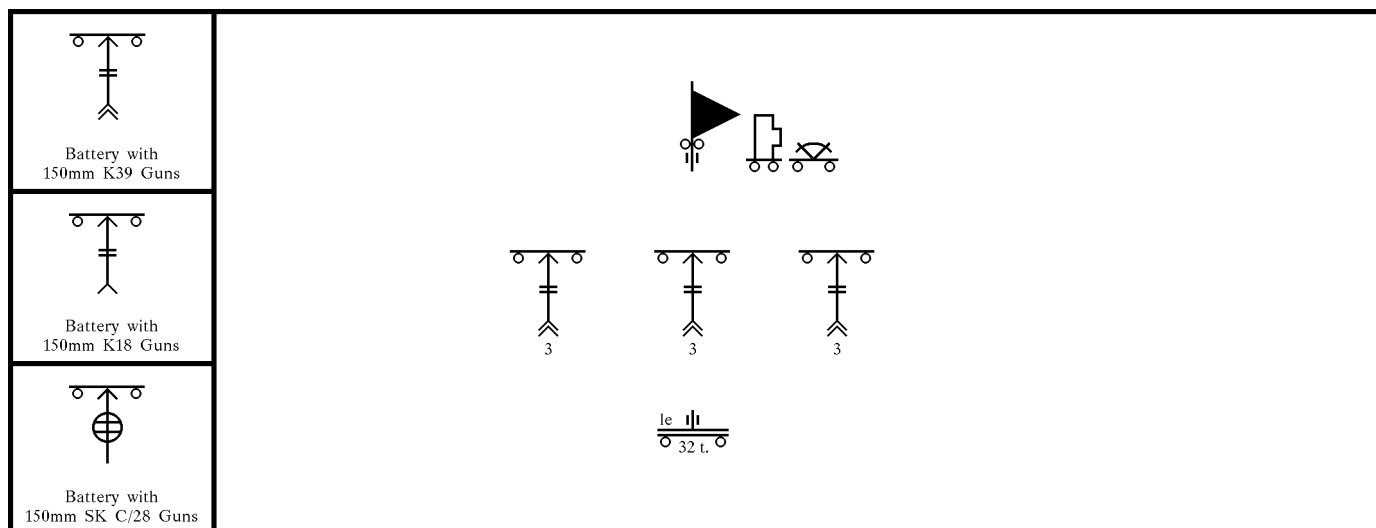
The number and types of batteries within the battalions varied. The table on the page to the right shows their composition, their column capacities, as well as their assignments on 22.06.1941.

<i>Specifications of the Heavy Field Howitzers and Heavy Guns</i>			
Designation:	schwere Feldhaubitze [s.FH 18]	schwere Feldhaubitze [s.FH 37(t)]	schwere 10cm Kanone [10cm K18]
Manufactured by:	Rheinmetall (barrel)& Krupp (carriage)	Skodawerke	Rheinmetall (barrel)& Krupp (carriage)
Introduced in:	1933/34	1939	1933/34
Trailer loads:	one	one	one
Caliber:	149.1mm	150mm	105mm
Barrel length:	L/29.5	L/24	L/52
Range:	13,325 m	15,750 m	19,075 m
Ammo weight:	43.5 kilos	42 kilos	15.1 kilos
Unlimbered weight:	5,512 kilos	5,320 kilos	5,542 kilos
Limbered weight:	6,304 kilos	?	6,434 kilos
Traverse:	60° / 60°	?	60° / 60°
Elevation:	0° to +45°	?	0° to +45°

Order of Battle
Motorized Heavy 150mm Field Howitzer and 105mm Gun Battalions

II./37	3x sFH 18 Bty	48-ton Column	Ist Corps, 18th Army, Army Group North
II./38	3x sFH 18 Bty	48-ton Column	XXth Corps, 9th Army, Army Group Center
II./39	3x sFH 18 Bty	48-ton Column	XXth Corps, 9th Army, Army Group Center
II./40	2x sFH 18 & 1x 10cm K 18 Bty	39-ton Column	XVIIth Corps, 6th Army, Army Group South
II./41	3x 10cm K 18 Bty	20-ton Column	VIIth Corps, 4th Army, Army Group Center
II./42	3x sFH 18 Bty	48-ton Column	XXIVth Mot. Corps, 2nd Panzer Group, Army Group Center
II./43	3x sFH 18 Bty	48-ton Column	VIIth Corps, 4th Army, Army Group Center
II./44	3x sFH 18 Bty	48-ton Column	VIIIth Corps, 9th Army, Army Group Center
II./46	3x sFH 18 Bty	48-ton Column	XXXXIVth Corps, 6th Army, Army Group South
II./47	3x sFH 18 Bty	48-ton Column	XXVIIIth Corps, 16th Army, Army Group North
II./51	2x sFH 18 & 1x 10cm K 18 Bty	39-ton Column	XXth Corps, 9th Army, Army Group Center
II./52	2x sFH 18 & 1x 10cm K 18 Bty	39-ton Column	IVth Corps, 17th Army, Army Group South
II./53	3x 10cm K 18 Bty	20-ton Column	XXXXIXth Mtn. Corps, 17th Army, Army Group South
II./54	2x sFH 18 & 1x 10cm K 18 Bty	39-ton Column	XXXth Corps, 11th Army, Army Group South
II./55	3x sFH 18 Bty	48-ton Column	LVIth Mot. Corps, 3rd Panzer Group, Army Group Center
II./57	3x 10cm K 18 Bty	20-ton Column	Vth Corps, 3rd Panzer Group, Army Group Center
II./58	3x sFH 18 Bty	48-ton Column	Ist Corps, 18th Army, Army Group North
II./59	3x sFH 18 Bty	48-ton Column	XXXXIst Mot. Corps, 4th Panzer Group, Army Group North
II./60	3x 10cm K 18 Bty	20-ton Column	IIIrd Mot. Corps, 1st Panzer Group, Army Group South
II./62	3x 10cm K 18 Bty	20-ton Column	XXth Corps, 9th Army, Army Group Center
II./63	3x sFH 18 Bty	48-ton Column	IIrd Mot. Corps, 1st Panzer Group, Army Group South
II./64	3x 10cm K 18 Bty	20-ton Column	XXXXVIIIth Mot. Corps, 1st Panzer Group, Army Group South
II./65	2x sFH 18 & 1x 10cm K 18 Bty	39-ton Column	XXXXIVth Corps, 6th Army, Army Group South
II./66	3x sFH 18 Bty	48-ton Column	XIIth Corps, 2nd Panzer Group, Army Group Center
II./67	3x sFH 18 Bty	48-ton Column	XXXXth Mot. Corps, 4th Panzer Group, Army Group North
II./68	3x 10cm K 18 Bty	20-ton Column	XXXXIIIrd Corps, 4th Army, Army Group Center
II./69	3x 10cm K 18 Bty	20-ton Column	XXIVth Mot. Corps, 2nd Panzer Group, Army Group Center
II./70	2x sFH 18 & 1x 10cm K 18 Bty	39-ton Column	XXXIXth Mot. Corps, 3rd Panzer Group, Army Group Center
II./71	2x sFH 18 & 1x 10cm K 18 Bty	24-ton Column	XXXXVIIth Mot. Corps, 2nd Panzer Group, Army Group Center
II./72	3x 10cm K 18 Bty	20-ton Column	IInd Corps, 16th Army, Army Group North
L./77	3x Czech sFH 35(t) Bty	20-ton Column	XXXth Corps, 11th Army, Army Group South
101	3x sFH 18 Bty	48-ton Column	XXXXIIIrd Corps, 4th Army, Army Group Center
L/106	2x sFH 18 & 1x 10cm K 18 Bty	24-ton Column	IInd Corps, 16th Army, Army Group North
L/108	2x sFH 18 & 1x 10cm K 18 Bty	24-ton Column	IXth Corps, 4th Army, Army Group Center
L/109	3x 10cm K 18 Bty	20-ton Column	IXth Corps, 4th Army, Army Group Center
IV./109	2x sFH 18 & 1x 10cm K 18 Bty	24-ton Column	VIIIth Corps, 9th Army, Army Group Center
III./111	2x sFH 18 Bty	-	VIIIth Corps, 9th Army, Army Group Center
151	3x 10cm K 18 Bty	20-ton Column	XXth Corps, 9th Army, Army Group Center
153	3x 10cm K 18 Bty	20-ton Column	XXVIIIth Corps, 16th Army, Army Group North
154	3x Czech sFH 35(t) Bty	48-ton Column	XIth Corps, 11th Army, Army Group South
III./155	2x sFH 18 & 1x 10cm K 18 Bty	48-ton Column	German Africa Corps (D.A.K.)
408	3x 10cm K 18 Bty	20-ton Column	German Africa Corps (D.A.K.)
422	3x sFH 18 Bty	48-ton Column	XXXXVIIth Mot. Corps, 2nd Panzer Group, Army Group Center
427	3x 10cm K 18 Bty	20-ton Column	LVIIth Mot. Corps, 3rd Panzer Group, Army Group Center
430	3x 10cm K 18 Bty	10-ton Column	XIIth Corps, 2nd Panzer Group, Army Group Center
436	3x 10cm K 18 Bty	20-ton Column	XXVIth Corps, 18th Army, Army Group North
445	3x 10cm K 18 Bty	20-ton Column	VIIIth Corps, 9th Army, Army Group Center
506	3x sFH 18 Bty	48-ton Column	IInd Corps, 16th Army, Army Group North
526	3x sFH 18 Bty	48-ton Column	IInd Corps, 16th Army, Army Group North
536	3x sFH 18 Bty	48-ton Column	Ist Corps, 18th Army, Army Group North
602	2x sFH 18 & 1x 10cm K 18 Bty	39-ton Column	1st Panzer Group Reserves, Army Group South
611	3x 10cm K 18 Bty	20-ton Column	XXXXIst Mot. Corps, 4th Panzer Group, Army Group North
631	3x 10cm K 18 Bty	20-ton Column	XXXXVIIth Mot. Corps, 2nd Panzer Group, Army Group Center
633	3x 10cm K 18 Bty	10-ton Column	XXVIth Corps, 18th Army, Army Group North
634	3x 10cm K 18 Bty	20-ton Column	VIIIth Corps, 9th Army, Army Group Center
646	3x sFH 18 Bty	48-ton Column	VIIIth Corps, 9th Army, Army Group Center
709	3x 10cm K 18 Bty	10-ton Column	XIIth Corps, 2nd Panzer Group, Army Group Center
711	3x 10cm K 18 Bty	10-ton Column	XXXXIIIth Corps, 4th Army, Army Group Center
716	3x 10cm K 18 Bty	10-ton Column	XVIIIth Mtn. Corps, 12th Army
737	3x Czech sFH 35(t) Bty	16-ton Column	LIVth Corps, 11th Army, Army Group South
L/818	3x 10cm K 18 Bty	20-ton Column	Xth Corps, 16th Army, Army Group North
II./818	3x 10cm K 18 Bty	20-ton Column	XIth Corps, 11th Army, Army Group South
III./818	3x sFH 18 Bty	48-ton Column	VIIth Corps, 4th Army, Army Group Center
841	3x sFH 18 Bty	48-ton Column	IXth Corps, 4th Army, Army Group Center
842	3x 10cm K 18 Bty	20-ton Column	Vth Corps, 3rd Panzer Group, Army Group Center
843	3x sFH 18 Bty	48-ton Column	XXVIIIth Corps, 16th Army, Army Group North
844	3x sFH 18 Bty	48-ton Column	XXXXVIIth Mot. Corps, 1st Panzer Group, Army Group South
845	3x sFH 18 Bty	-	XIIth Corps, 2nd Panzer Group, Army Group Center
846	3x sFH 18 Bty	48-ton Column	Xth Corps, 16th Army, Army Group North
847	3x sFH 18 Bty	48-ton Column	Vth Corps, 3rd Panzer Group, Army Group Center
848	3x sFH 18 Bty	-	Vth Corps, 3rd Panzer Group, Army Group Center
849	3x 10cm K 18 Bty	20-ton Column	XXIXth Corps, 1st Panzer Group, Army Group South
850	3x sFH 18 Bty	48-ton Column	Xth Corps, 16th Army, Army Group North
851	3x sFH 18 Bty	48-ton Column	IVth Corps, 17th Army, Army Group South
852	3x 10cm K 18 Bty	20-ton Column	XXXXVIIIth Mot. Corps, 1st Panzer Group, Army Group South
863	3x 10cm K 18 Bty	10-ton Column	17th Army Reserves, Army Group South

15cm KANONEN-ABTEILUNG (motorisiert)
Motorized Heavy 150mm Gun Battalion



- KStN 406** **Headquarters, Motorized Artillery Battalion**
1.02.1941 Bn Hqs: 3 mcl; 2 mcl w/sc; 2 cars (1); 1 car (15).
- KStN 555 *)** **Signal Platoon, Motorized Artillery Battalion**
1.10.1938 Signal Plt: Plt Hqs: 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 (17/1).
- KStN 529 *)** **Motorized Artillery Calibration Detachment**
1.02.1941 Calibration Sect: 2 mcl; 1 car (3); 1 truck (2-ton).
- KStN 511** **Motorized Light Artillery Column** (The column capacity was achieved by varying the number of medium trucks)
1.02.1941 Col: 2 mcl; 1 mcl w/sc; 2 trucks (light); 11 trucks (medium).
- KStN 473 *)** **Motorized 150mm Gun Battery**
1.02.1941 Bty Hqs: 4 mcl; 2 cars (15).
 Signal Plt: Hqs Sect: 1 car (15).
 1 Med Tele Sect *b*: 1 car (15); 1 van (23).
 1 Hvy Tele Sect *b*: 1 car (2); 1 van (76).
 3 Pack Radio Sect *b*: 1 car (2).
 Gun Plt: Hqs Sect: 4 mcl; 1 car (1); 2 cars (15).
 3 Gun Sect: 2 halftracks (8); one 150mm Gun in two loads – towed (barrel & cradle).
 Support Sect: 5 trucks (4.5-ton).
 1st Ammo Sect: 2 mcl; 1 car (1); 4 trucks (3-ton).
 2nd Ammo Sect: 1 mcl; 4 trucks (3-ton).
 Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 1 mcl w/sc; 4 trucks (medium).

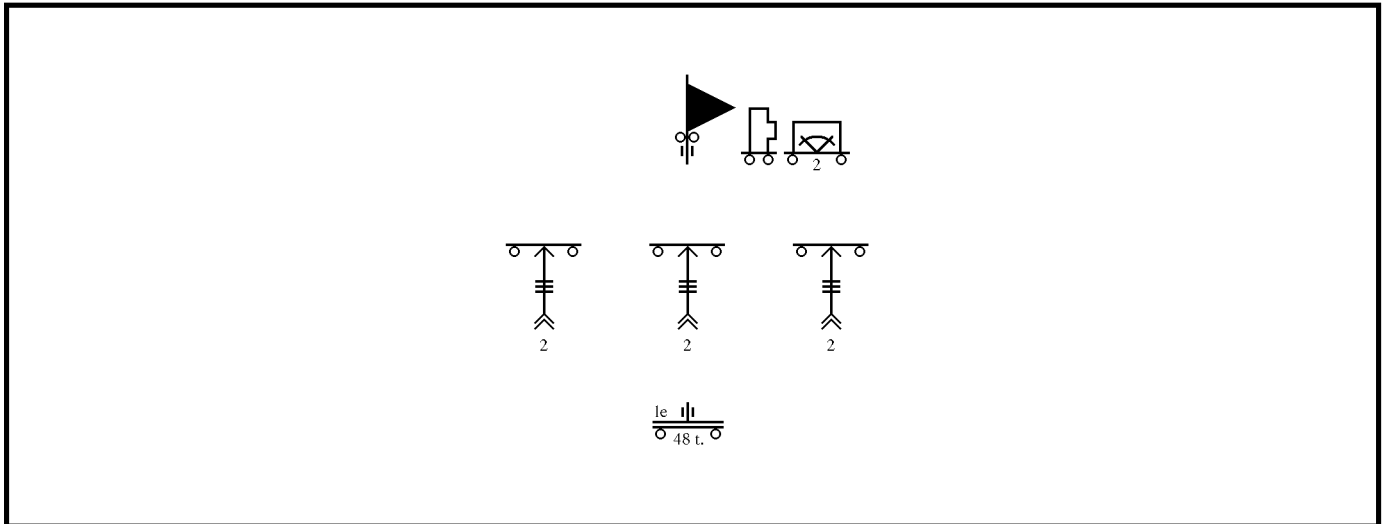
511	3x 15cm K 18 Bty	32-ton Column	Ist Corps, 18th Army, Army Group North
620	3x 15cm K 18 Bty	32-ton Column	XXXIXth Mot. Corps, 3rd Panzer Group, Army Group Center
625	3x 15cm SK C/28 Bty	–	16th Army Reserves, Army Group North
680	2x 15cm K 18 Bty & 1x 15cm K 39 Bty	20-ton Column	VIIIth Corps, 9th Army, Army Group Center
731	3x 15cm K 39 Bty	32-ton Column	IIIrd Mot. Corps, 1st Panzer Group, Army Group South
740	3x 15cm K 39 Bty	32-ton Column	2nd Panzer Group Reserves, Army Group Center
800 (-)	2x 15cm K 18 Bty	–	IIIrd Mot. Corps, 1st Panzer Group, Army Group South
3./800	1x 15cm K 39 Bty	–	XVIIth Corps, 6th Army, Army Group South

Specifications of the heavy 150mm Guns

Designation:	15cm Seekanone [15cm SK C/28]	15cm Kanone 18 [15cm K 18]	15cm Kanone 39 [15cm K 39]
Manufactured by:	Krupp	Rheinmetall	Krupp
Introduced in:	1940	1938	1939
Trailer loads:	two	two	two
Caliber:	150mm	149.1mm	149.1mm
Barrel length:	L/54.9	L/55	L/55
Range:	24,700 meters	24,800 meters	24,800 meters
Shell weight	45.3 kilos	43.0 kilos	43.0 kilos
Unlimbered weight:	16,870 kilos	12,460 kilos	12,186 kilos
Limbered weight:	22,198 kilos (*)	18,700 kilos (*)	18,282 kilos (*)
Traverse:	16° right and left	11° right and left	60° right and left
Elevation:	0° to +70°	-2° to +43°	-4° to +45°
Rate of Fire:	2 rounds/minute	2 rounds/minute	2 rounds/minute

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

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



- KStN 406** **Headquarters, Motorized Artillery Battalion**
 1.02.1941 Bn Hqs: 3 mcl; 2 mcl w/sc; 2 cars (1); 1 car (15).
- KStN 555 *)** **Signal Platoon, Motorized Artillery Battalion**
 1.10.1938 Signal Plt: Plt Hqs: 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 (17/1).
- KStN 529 *)** **Motorized Artillery Calibration Detachment**
 1.02.1941 Calibration Sect: 2 mcl; 1 car (3); 1 truck (2-ton).
- KStN 511** **Motorized Light Artillery Column** (The column capacity was achieved by varying the number of medium trucks)
 1.02.1941 Col: 2 mcl; 1 mcl w/sc; 2 trucks (light); 18 trucks (medium).
- KStN 477 *)** **Motorized Heavy 210mm Gun Battery**
 1.02.1941 Bty Hqs: 2 mcl; 2 cars (15).
 Signal Plt: Hqs Sect: 1 car (15).
 1 Hvy Tele Sect: 1 car (2); 1 van (23).
 2 Lt Tele Sect: 1 car (15).
 2 Pack Radio Sect: 1 car (2).
 1 Air Liaison Radio Sect: 1 van (17/1).
 Gun Plt: Hqs Sect: 2 mcl; 1 car (1); 2 cars (15).
 2 Gun Sect: 3 halftracks (9); one 210mm Gun in 3 loads – towed (barrel, cradle & platform/base)
 Support Sect: 2 trucks (4.5-ton).
 1st Ammo Det: 2 mcl; 1 car (1); 4 trucks (3-ton).
 2nd Ammo Det: 1 mcl; 4 trucks (3-ton).
 Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 1 mcl; 2 trucks (light); 4 trucks (medium).

NOTES:

Each battalion had two motorized Calibration Detachments combined into one larger detachment.

With a muzzle velocity of 800 meters per second, the 210mm gun was counted amongst the long-range, flat-trajectory, heavy artillery of the German Army's arsenal. The 21cm Kanone K39 took considerable time to unlimber, and was used tactically in a static mode; however, the batteries were completely motorized, which allowed them to be considered as mobile units strategically and operationally.

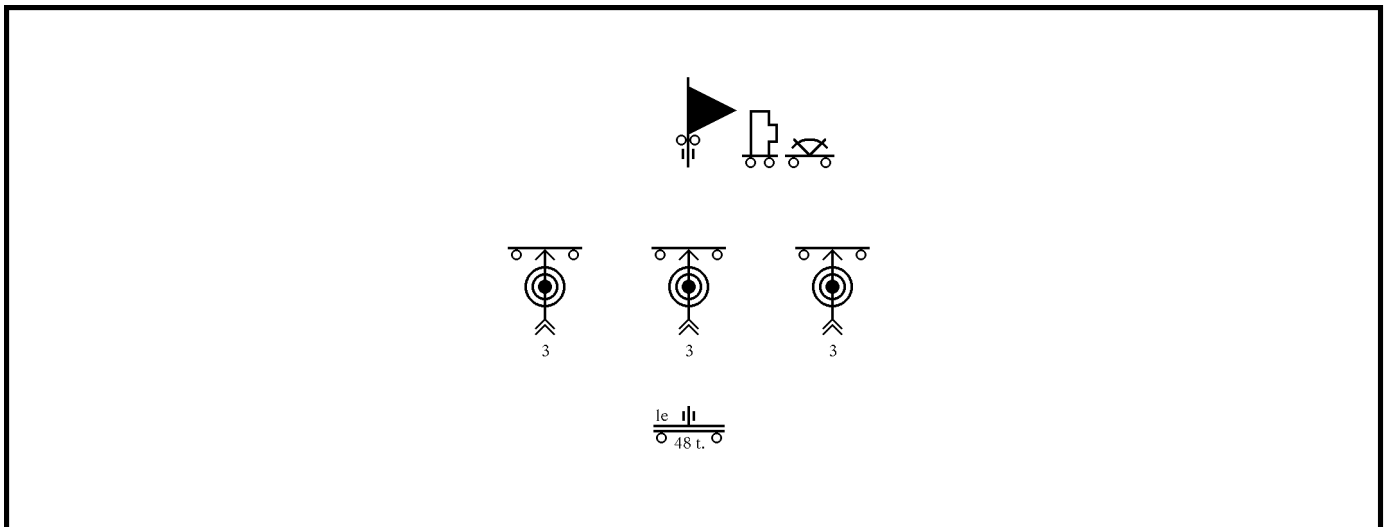
There were 2 Motorized Heavy 210mm Gun Battalions in the German Army on 22.06.1941.

767	32-ton Column	6th Army Reserves, Army Group South
768	48-ton Column	4th Army Reserves, Army Group Center

Specifications of the heavy 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 meters (concrete) / 29,925 m. (HE)
Shell weight	155 kilos (concrete), 135 kilos (HE)
Unlimbered weight:	38,000 kilos
Limbered weight:	49,100 kilos (including three trailers)
Traverse:	360°
Elevation:	- 4° to +46° from horizontal
Rate of Fire:	ca. 1 round/minute

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



- KStN 406** **Headquarters, Motorized Artillery Battalion**
 1.02.1941 Bn Hqs: 3 mcl; 2 mcl w/sc; 2 cars (1); 1 car (15).
- KStN 555 *)** **Signal Platoon, Motorized Artillery Battalion**
 1.10.1938 Signal Plt: Plt Hqs: 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 (17/1).
- KStN 529 *)** **Motorized Artillery Calibration Detachment**
 1.02.1941 Calibration Sect: 2 mcl; 1 car (3); 1 truck (2-ton).
- KStN 511** **Motorized Light Artillery Column** (The column capacity was achieved by varying the number of medium trucks)
 1.02.1941 Col: 2 mcl; 1 mcl w/sc; 2 trucks (light); 18 trucks (medium).
- KStN 485 *)** **Motorized 210mm Howitzer Battery**
 1.02.1941 Bty Hqs: 2 mcl; 4 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 truck (76).
 2 Pack Radio Sect *f*: 1 car (2).
 1 Pack Radio Sect *f*: rides with one of the other Signal Platoon vehicles.
- Gun Plt: Hqs Sect: 4 mcl; 1 car (1); 2 cars (15).
 3 Gun Sect: 2 halftracks (8); one 210mm Howitzer in 2 loads – towed (barrel & cradle)
 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 (3-ton).
 Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 1 mcl; 2 trucks (light); 4 trucks (medium).

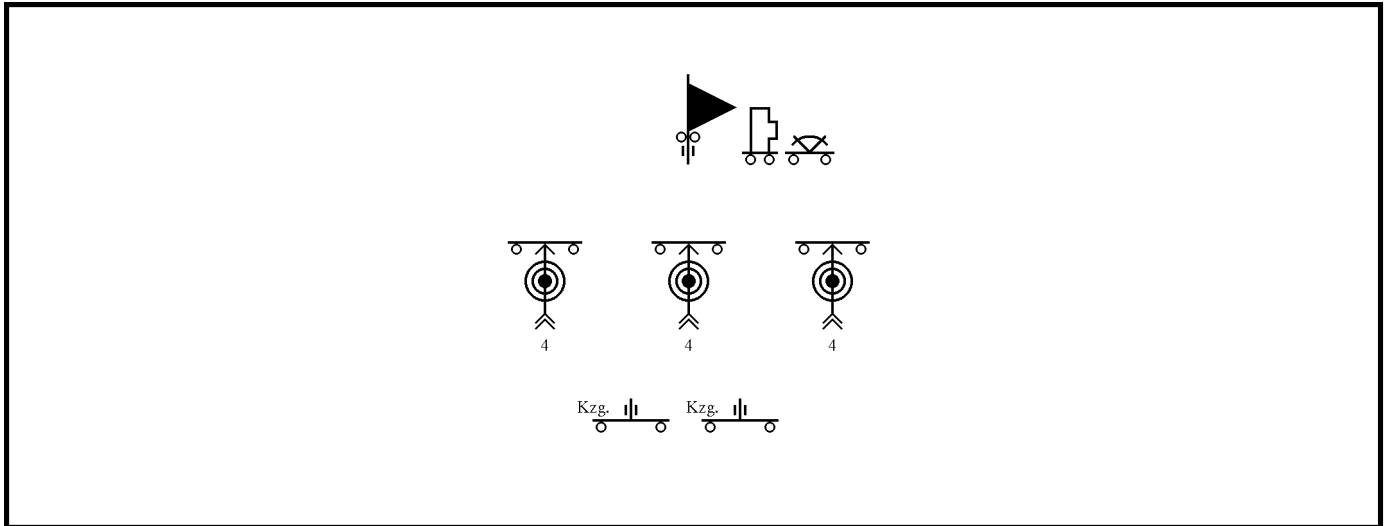
NOTES:

The 210mm howitzer was the main high trajectory weapon used by the German Army in WWII.

<i>Specifications of the heavy 210mm Howitzer</i>	
Designation:	21cm Mörser 18 (21cm M18)
Manufactured by:	Krupp
Introduced in:	1939
Trailer loads:	two
Caliber:	210.9mm
Barrel length:	L/31
Range:	18,700 meters
Shell weight	113 kilos (HE), 121.4 kilos (concrete)
Unlimbered weight:	17,372 kilos
Limbered weight:	22,700 kilos (including both trailers)
Traverse:	16° right and left from center (*)
Elevation:	0° to +70° from horizontal
Rate of Fire:	ca. 1 round/minute
The gun cradle trailer came either with one or two axles.	
(*) When mounted on the base plate, traverse was 360°	

II./109	48-ton Column	XIIth Corps, 1st Pz Gr, Army Group South
III./109	48-ton Column	XXXXIIIrd Corps, 4th Army, Army Group Center
II./115	48-ton Column	German Africa Corps (D.A.K.)
604	48-ton Column	XXXXVIIth Mot. Corps, 2nd Pz Gr, Army Group Center
607	48-ton Column	IIIrd Mot. Corps, 1st Pz Gr, Army Group South
615	48-ton Column	XXXXth Mot. Corps, 4th Pz Gr, Army Group North
616	48-ton Column	XXIVth Mot. Corps, 2nd Pz Gr, Army Group Center
635	48-ton Column	XXth Corps, 9th Army, Army Group Center
636	–	IInd Corps, 16th Army, Army Group North
1./637	–	18th Army Reserves, Army Group North
637(-)	–	Ist Corps, 18th Army, Army Group North
732	48-ton Column	XXXXVIIIth Mot. Corps, 1st Pz Gr, Army Group South
733	48-ton Column	XXXIXth Mot. Corps, 3rd Pz Gr, Army Group Center
735	48-ton Column	IIIrd Mot. Corps, 1st Pz Gr, Army Group South
736	48-ton Column	VIIth Corps, 4th Army, Army Group Center
777	–	XXXXVIIrd Mot. Corps, 1st Pz Gr, Army Group South
808	48-ton Column	VIIIth Corps, 9th Army, Army Group Center
809	48-ton Column	IInd Corps, 16th Army, Army Group North
816	48-ton Column	LVIth Mot. Corps, 3rd Pz Gr, Army Group Center
817	48-ton Column	2nd Pz Gr Reserves, Army Group Center

21cm MÖRSER-ABTEILUNG (motorisiert) (gekürzt)
Motorized Heavy 210mm Howitzer Battalion (Reduced Mobility)



KStN 419 (gek) *) Headquarters, Motorized Artillery Battalion (Reduced Strength)

31.01.1941 Bn Hqs: 3 mcl; 1 mcl w/sc; 1 car (1); 1 car (15).

KStN 558 (gek) Signal Platoon, Motorized Artillery Battalion (Reduced Strength)

31.01.1941 Hqs Sect: 1 mcl, 1 mcl w/sc; 3 cars (15).
 1 Hvy Tele Sect *a*: 1 car (2); 1 van (23).
 2 Lt Tele Sect *c*: 1 car (15).
 2 Pack Radio Sect *b*: 1 car (2).
 2 Pack Radio Sect *b*: ride with Headquarters Section vehicles..

KStN 529 *) Motorized Artillery Calibration Detachment

1.02.1941 Det: 2 mcl; 1 car (3); 1 truck (2-ton).

KStN 466 Motorized Artillery Towing Detachment

1.02.1941 Det Hqs: 1 mcl; 1 car (1); 5 trucks (heavy); 8 halftracks (8).

KStN 485 (gek) Motorized 210mm Howitzer Battery (Reduced Strength)

31.01.1941 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 Lt Tele Sect *c*: 1 car (15).
 2 Pack Radio Sect *f*: 1 car (2).
 Gun Plt: Hqs Sect: 2 mcl; 1 car (1); 2 cars (15).
 4 Gun Sect: one 210mm Howitzer in two loads.
 Bty Trains: 1 truck (medium).

NOTES:

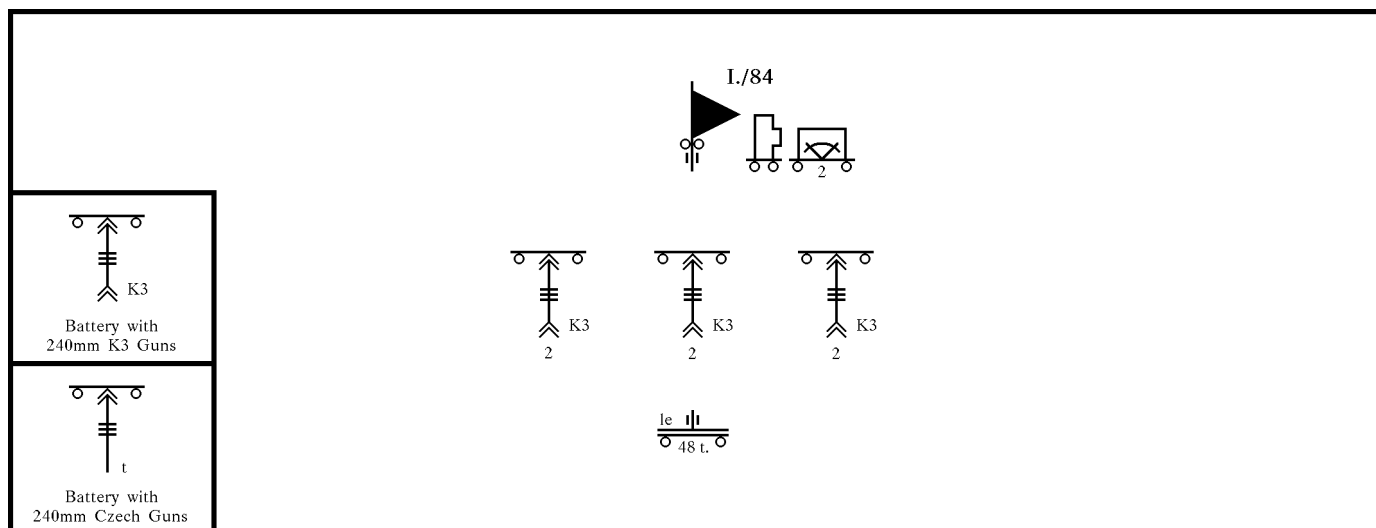
The 854th through 867th Battalions were designated as “motorized” (reduced strength) because only parts of the batteries were motorized and the howitzers were equipped to be towed by motor vehicles.

The battalions had independent Motorized Artillery Towing Detachments more or less permanently attached, as shown in the table to the right. Each Towing Detachment could move the four 210mm Howitzers of the battery, and provided a limited ammunition and equipment transportation capability.

The 615th – 621st Motorized Artillery Towing Detachments were not ready until 27.06.1941, which meant that three battalions, although emplaced and firing, were not able to advance with their weapons into Russia until that date.

<i>Unit</i>	<i>Towing Dets</i>	<i>Assigned to:</i>
854	(3) [615], [616], [617]	XIIIth Corps, 2nd Pz Gr, Army Group Center
855	(2) 611, 612	IVth Corps, 17th Army, Army Group South
856	(3) [618], [619], [620]	IXth Corps, 4th Army, Army Group Center
857	(2) 601, 604	IIIrd Mot. Corps, 1st Pz Gr, Army Group South
858	(2) 613, 614	XXIXth Corps, 1st Pz Gr, Army Group South
859	(2) 602, 605	VIIth Corps, 4th Army, Army Group Center
860	(2) 603, 606	VIIIth Corps, 9th Army, Army Group Center
861	(2) 607, 608	VIIIth Corps, 9th Army, Army Group Center
862	(2) 609, 610	VIIIth Corps, 9th Army, Army Group Center
867	(1) [621]	XXXXIVth Corps, 6th Army, Army Group South

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



- KSStN 406** **Headquarters, Motorized Artillery Battalion**
 1.02.1941 Bn Hqs: 3 mcl; 2 mcl w/sc; 2 cars (1); 1 car (15).
- KSStN 555 *)** **Signal Platoon, Motorized Artillery Battalion**
 1.10.1938 Signal Plt: Plt Hqs: 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 (17/1).
- KSStN 529 *)** **Motorized Artillery Calibration Detachment**
 1.02.1941 Calibration Sect: 2 mcl; 1 car (3); 1 truck (2-ton).
- KSStN 511** **Motorized Light Artillery Column**
 1.02.1941 Col: 2 mcl; 1 mcl w/sc; 2 trucks (light); 18 trucks (medium).
- KSStN 490 *)** **Motorized Heavy 240mm Gun K3 Battery**
 1.02.1941 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 one of the battery vehicles.
 1 Radio Sect *c*: 1 van (17/1).
 Gun Plt: Hqs Sect: 1 mcl; 2 cars (1); 1 car (15).
 Gun Sect: 8 halftracks (8); two 240mm Guns K3 each in 4 loads – towed (barrel, left cradle, right cradle, platform/base).
 Support Sect: 2 trucks (4.5-ton); 3 halftracks (8).
 Ammo Det: 1 car (light); 5 trucks (heavy).
 Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 1 truck (medium); 2 trucks (heavy).
- KSStN 491 *)** **Motorized Heavy 240mm Gun (t) Battery**
 1.02.1941 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 one of the battery vehicles.
 1 Radio Sect *c*: 1 van (17/1).
 Gun Plt: Hqs Sect: 2 mcl; 1 car (1); 2 cars (15).
 Gun Sect: 8 halftracks (9); two 240mm Guns each in 4 loads – towed (barrel, left cradle, right cradle, platform/base).
 Support Sect: 11 trucks (4.5-ton); 2 halftracks (9).
 Ammo Det: 1 car (1); 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 (P.O.L.).

<i>Specifications of the heavy 240mm Guns</i>		
Designation:	24cm Kanone K3	24cm Kanone (t)
	[24cm K3]	[24cm K(t)]
Manufactured by:	Krupp & Rheinmetall	Skoda
Introduced in:	1938	1916
Trailer loads:	four	four
Caliber:	238mm	240mm
Barrel length:	L/54.6	L/40
Range:	37,500 meters	29,875 meters
Shell weight	151.4 kilos	215 kilos
Unlimbered weight:	54,886 kilos	86,000 kilos
Limbered weight:	86,000 kilos *)	143,000 kilos *)
Traverse:	6° / 6° **)	360° **)
Elevation:	-1° / +56°	+5° / +42.5°
Rate of Fire:	ca. 1 round / 3 minutes	ca. 1 round / 1 minute
* Weight including trailers.		
** Traverse was 360° when mounted on the base plate.		

NOTES:

Each battalion had two motorized Calibration Detachments combined into one larger detachment.

This 240mm gun was no longer a tool of the "Blitzkrieg", as it designed for use in static warfare against strong fortifications. The guns were transported in four loads, mounted and dismounted on trailers with the help of collapsible cranes. They took many hours to limber and unlimber.

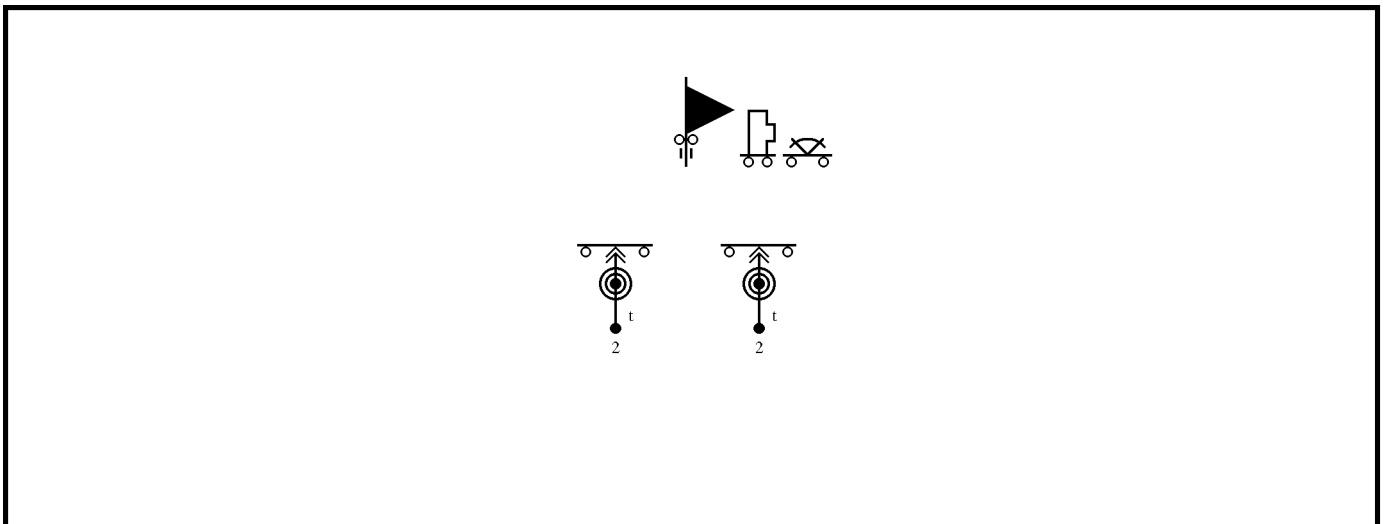
The 24cm Kanone K3 was by far the longest range gun that the Germans had at this time, but accuracy at maximum range left much to be desired, and pinpoint targets had to be engaged at shorter ranges.

This Czech 24cm Kanone (t), (12 were produced during WW I), although not of the same vintage or range as its German counterpart, served the Germans well.

There were two Motorized Heavy 240mm Gun Battalions on 22.06.1941.

I./84 24cm K3 VIIIth Corps, 9th Army, Army Group Center
 II./84 24cm (t) 16th Army Reserves, Army Group North

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



- KStN 406** **Headquarters, Motorized Artillery Battalion**
1.02.1941 Bn Hqs: 3 mcl; 2 mcl w/sc; 2 cars (1); 1 car (15).
- KStN 555 *)** **Signal Platoon, Motorized Artillery Battalion**
1.10.1938 Signal Plt: Plt Hqs: 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 (17/1).
- KStN 529 *)** **Motorized Artillery Calibration Detachment**
1.02.1941 Calibration Sect: 2 mcl; 1 car (3); 1 truck (2-ton).
- KStN 465 *)** **Motorized Heavy 240mm Howitzer Battery**
1.02.1941 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 Lt Tele Sect *c*: 1 car (15).
2 Pack Radio Sect *f*: 1 car (2).
Gun Plt: Hqs Sect: 2 mcl; 1 car (1); 2 cars (15).
Gun Sect: 6 halftracks (8); two 240mm Howitzers each in 3 loads – towed (barrel, cradle & platform/base)
Support Sect: 5 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).
Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
Bty Trains: 1 mcl; 2 trucks (light); 4 trucks (medium).

<i>Specifications of the heavy 240mm Howitzer</i>	
Designation:	24cm Haubitze (24cm H39)
Manufactured by:	Skoda
Introduced in:	1939
Trailer loads:	three
Caliber:	240mm
Barrel length:	L/28
Range:	18,350 meters
Shell weight:	165 kilos
Unlimbered weight:	26,900 kilos
Limbered weight:	42,900 kilos (including three trailers)
Traverse:	360°
Elevation:	-4° to +70° from horizontal
Rate of Fire:	ca. 1 round every 2 minutes

NOTES:

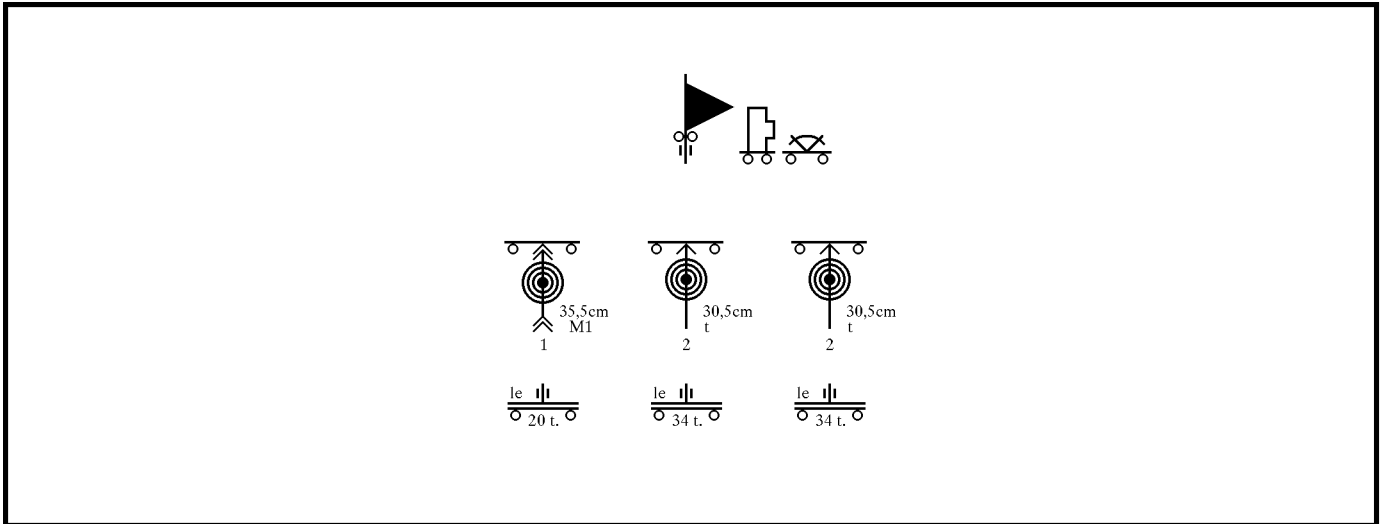
The Czech heavy 240mm Howitzer had been designed and built for export to Turkey. Upon the occupation of Czechoslovakia, the Germans, after some modifications, took over several of these weapons into their army.

Although the German Army considered the howitzer as outdated, the 24cm Haubitze H39 provided valuable service during the war, used mainly for long-range fire on hard targets, such as concrete emplacements and fortifications.

There were 2 of these Motorized Heavy 240mm Howitzer Battalions in the German Army on 22.06.1941.

L/814 IIIrd Mot. Corps, 1st Pz Gr, Army Group South
II./814 XXXXVIIIrd Mot. Corps, 1st Panzer Group, Army Group South

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



- KStN 406** **Headquarters, Motorized Artillery Battalion**
 1.02.1941 Bn Hqs: 3 mcl; 2 mcl w/sc; 2 cars (1); 1 car (15).
- KStN 555 *)** **Signal Platoon, Motorized Artillery Battalion**
 1.10.1938 Signal Plt: Plt Hqs: 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 (17/1).
- KStN 529 *)** **Motorized Artillery Calibration Detachment**
 1.02.1941 Calibration Sect: 2 mcl; 1 car (3); 1 truck (2-ton).
- KStN 511** **Motorized Light Artillery Column** (The column capacity was achieved by varying the number of medium trucks)
 1.02.1941 Col: 2 mcl; 1 mcl w/sc; 2 trucks (light); 18 trucks (medium).
- KStN 487 *)** **Motorized 305mm Howitzer Battery**
 1.02.1941 Bty Hqs: 2 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).
 2 Pack Radio Sect *f*: 1 car (2).
 1 Pack Radio Sect *f*: rides in one of the battery vehicles.
 Gun Plt: Hqs Sect: 1 mcl; 1 car (1); 1 car (15).
 Gun Sect: 7 halftracks (8); two 305mm Howitzers in 3 loads each – towed; (Barrel, Cradle, Platform); 2 trucks (4.5-ton).
 1st Ammo Det: 1 car (1); 4 trucks (4.5-ton).
 2nd Ammo Det: 4 trucks (heavy).
 Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 3 trucks (medium).
- KStN 486 *)** **Motorized 355mm Howitzer M1 Battery**
 1.02.1941 Bty Hqs: 2 mcl; 1 car (light); 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).
 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 battery vehicles.
 Calibration Platoon: 1 mcl; 2 cars (3); 4 trucks (63); 1 truck (62).
 Gun Plt: Hqs Sect: 1 mcl; 1 car (1); 1 car (15).
 Gun Sect: 8 halftrack (9); one 355mm Howitzer M1 in 7 loads – towed; 1 truck (4.5-ton); 1 trailer (generator).
 Ammo Det: 1 car (light); 4 trucks (3-ton); 4 trucks (4.5-ton).
 Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 1 truck (heavy).

Specifications of the super heavy 305mm and 355mm howitzers

Designation:	30,5cm Mörser(t)	35,5cm Haubitze M1 (30,5cm M(t))
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
Shell weight	290.8/285.3 kilos	575 kilos
Unlimbered weight:	75,000 kilos	75,000 kilos
Limbered weight:	123,00 kilos	123,000 kilos
Traverse:	6° from center (*)	45° from center (*)
Elevation:	+45° / +75°	+34° / +66°
Rate of Fire:	1 round/4 minutes	1 round/4 minutes

(*) Traverse was 360° when mounted on the base plate.

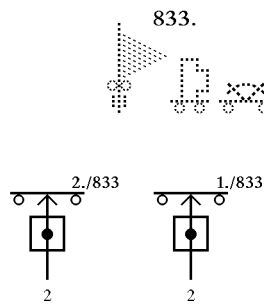
NOTES:

The 305mm howitzer was a Austrian-Hungarian WWI weapon modified to a small extent. The 355mm howitzer was a German modern weapon.

The 3 Motorized Super Heavy Howitzer Battalion on 22.06.1941 were:

624	XXth Corps, 9th Army, Army Group Center	
	Battalion Headquarters	48-ton Column
	1st Battery 2x 305mm	34-ton Column
	2nd Battery 2x 305mm	34-ton Column
	3rd Battery 2x 305mm	34-ton Column
641	VIIIth Corps, 9th Army, Army Group Center	
	1st Battery 1x 355mm M1	20-ton Column
	2nd Battery 2x 305mm	34-ton Column
	3rd Battery 2x 305mm	34-ton Column
815	VIIIth Corps, 9th Army, Army Group Center	
	1st Battery 2x 305mm	} only one 48-ton Column for the entire battalion
	2nd Battery 2x 305mm	
	3rd Battery 2x 305mm	

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



Names of the Karl howitzers:

1st gun: Adam	1./833
2nd gun: Eva	1./833
3rd gun: Odin	2./833
4th gun: Thor	2./833

KStN 406 **Headquarters, Motorized Artillery Battalion**
 1.02.1941 Bn Hqs: 3 mcl; 2 mcl w/sc; 2 cars (1); 1 car (15).

KStN 555 *) **Signal Platoon, Motorized Artillery Battalion**
 1.10.1938 Signal Plt: Plt Hqs: 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 (17/1).

KStN 529 *) **Motorized Artillery Calibration Detachment**
 1.02.1941 Calibration Sect: 2 mcl; 1 car (3); 1 truck (2-ton).

KStN 489 *) **Motorized Super Heavy Howitzer Battery**
 31.01.1941 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).
 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 battery vehicles.
 Gun Plt: Hqs Sect: 4 mcl; 1 car (1); 2 cars (15); 4 halftracks (8); 4 Culemeyer trailers.
 2 Gun Sect: 1 Howitzer (600mm – self-propelled).
 2 Ammo Det: 1 mcl; 1 car (1); 4 halftracks (8); 4 Culemeyer trailers (ammo).
 2 Ammo Det: 1 mcl; 1 car (1); 2 self-propelled ammunition carriers.
 Support Plt: 2 mcl; 2 mcl w/sc; 3 trucks (3-ton); 8 trucks (4.5-ton).
 Bty Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (medium).
 Bty Trains: 5 trucks (medium).

NOTES:

The 600mm howitzer, known as the “Karl-Gerät” and as “Gerät 040”, could be moved in three modes: by rail, by road, and cross-country.

Strategically, the *Karl* was moved by rail, whereby the entire vehicle was suspended between two specially-constructed railway wagons.

Tactically, it was moved by road or cross-country. Road movement was the more difficult. With a weight of 124 tons, the load capacity of most normal bridges and all engineer combat bridges was surpassed. Hence, the *Karl* was split into four parts and transported by multi-axle, multi-wheeled “Culemeyer” trailers. However, the self-propelled carriage, (82.3 tons on its trailer), still surpassed the limits of the heavy engineer combat bridge, and had to cross these bridges under its own power. Collapsible ramps were provided, enabling the self-propelled carriage (60 tons) to drive onto the trailer. The gun carriage (27.4 tons), the barrel (28.4 tons), and the loading platform with apparatus (8.2 tons) were also loaded on Culemeyer trailers.

Cross-country movement by the gun on its self-propelled mount, and transportation on the Culemeyer trailers on normal roads provided no particular problems. However, most roads and bridges required reinforcing.

<i>Specifications of the 600mm Self-Propelled Howitzer</i>	
Designation:	60cm Mörser “Karl” (Gerät 040)
Caliber:	600mm
Barrel length:	L/8.44
Range:	4500 meters (heavy) / 6700 meters (light)
Shell weight:	2170 kilos (heavy) / 1700 kilos (light)
Unlimbered weight:	124,000 kilos
Limbered weight:	188,200 kilos (including trailers)
Traverse:	4° left and right from center
Elevation:	0° / +70° from horizontal
Rate of Fire:	6 to 12 rounds per hour
Road speed:	10 km/h

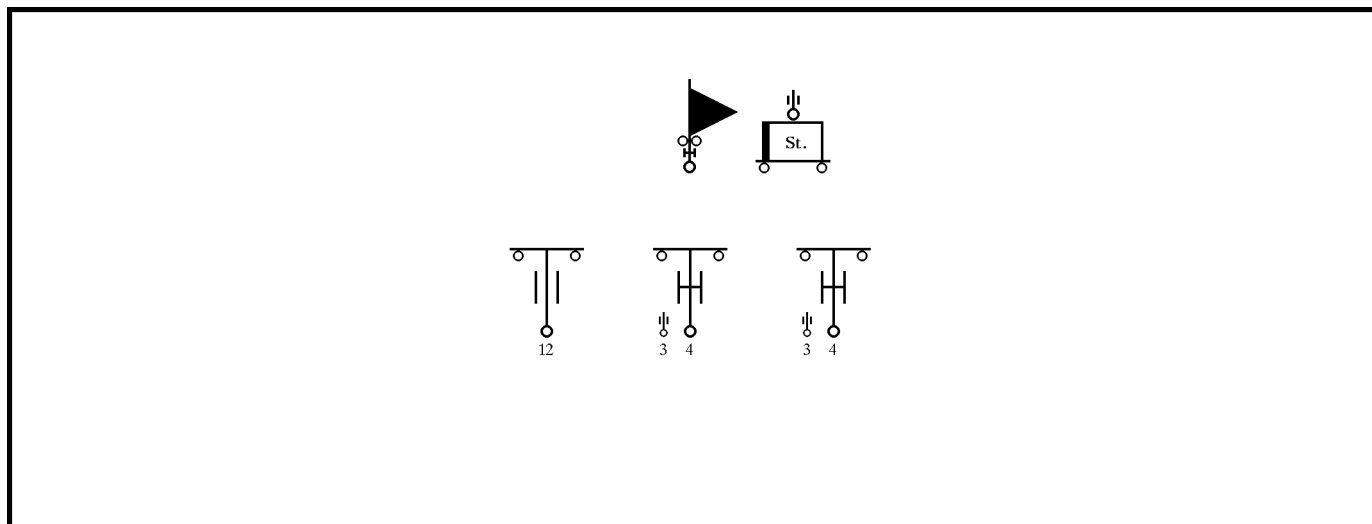
For loading, erecting, and dismantling the rest of the weapon, a 35-ton folding crane was provided, which moved back and forth along specially laid tracks, plus four smaller cranes.

Ammunition was also transported on Culemeyer trailers (ten crated rounds each) during road marches, and cross-country by the “Munitionsschlepper für Karlgerät” (a specially constructed ammunition vehicle for the *Karl* howitzer based on the Panzer-IV), transporting four rounds, and equipped with a crane for lifting.

The 600mm howitzer had to be lowered 350mm onto the ground before firing, which was done by lowering the entire vehicle. In all, it took the 16-man crew approximately 10 minutes to prepare the assembled vehicle for firing. The actual firing sequence involved opening the breach, loading, closing the breach (while in a horizontal position), and then raising it to a 70° maximum elevation. It was then fired. This procedure had to be repeated for each shot. The range was determined by varying the charge. There were two types of shells, namely the light concrete-piercing round (leichte Betongranate) and heavy concrete-piercing round (schwere Betongranate). These rounds were specifically designed for concrete targets, and could pierce up to 2.5 meters of reinforced concrete, or up to 0.64 meters of hardened armor plate. Concrete-piercing rounds had particularly strong shell walls, so that the shell remained intact upon impact. A delayed fuse then detonated the 400 kilo explosive charge. Besides the devastating effects on bunkers and fortifications, the rounds had an extremely demoralizing effect on the enemy. Detonation on the ground caused craters of 15 meters diameter and 5 meters depth, and resulted in clouds of debris 300 meters wide and 170 meters high. According to the troops, this super heavy howitzer was certainly worth the effort.

Only the 1./833rd and 2./833rd Super Heavy Howitzer Batteries were ready by 22.06.1941. The 1st Battery was assigned to IVth Corps, 17th Army, Army Group South. The 2nd Battery was assigned to 4th Army Reserves, Army Group Center. (The corresponding battalion headquarters was being raised in Wehrkreis III).

HEERES-FLAKARTILLERIE-ABTEILUNG (motorisiert)
Motorized Army Anti-Aircraft Battalion



KStN 1705 *) Headquarters, Motorized Army Anti-Aircraft Battalion

1.02.1941 Bn Hqs: 3 mcl; 1 car (1); 2 cars (15).

KStN 1709 *) Headquarters Battery, Motorized Army Anti-Aircraft Battalion

1.02.1941 Bty Hqs: Hqs Sect: 1 car (1).
 Signal Plt: Hqs Sect: 2 mcl; 1 mcl w/sc, 1 car (15).
 1 Hvy Tele Sect a: 1 car (2); 1 van (23).
 3 Lt Tele Sect c: 1 car (15).
 1 Lt Radio Sect a: 1 car (15).
 1 Med Radio Sect b: 1 car (15); 1 van (17).
 Weather Sect: 1 van (62); 1 car (2 with 1 Pack Radio Sect b).
 Observation Sect: 1 truck (3-ton).
 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: 2 cars (light); 2 truck (light); 4 trucks (medium); 1 ambulance (31).

KStN 1711 *) Motorized Army Heavy 88mm Anti-Aircraft Battery

1.02.1941 Bty Hqs: Hqs Sect: 3 mcl; 2 cars (15).
 Calibration Det: Hqs Sect: 1 car (15).
 1st Calibration Sect: 1 van (74); 1 trailer (gun director).
 2nd Calibration Sect: 1 van (74); 1 trailer (auxiliary gun director).
 Signal Det: 1 Hvy Tele Sect a: 1 car (2); 1 van (23).
 1 Lt Radio Sect b: 1 van (17).
 Lt AA Sect: 1 mcl w/sc; 3 trucks (81); 3 AA Gun (20mm – towed).
 Gun Plt: Hqs Sect: 1 mcl; 1 car (15); 1 halftrack (7); 1 trailer (reserve for AA gun).
 2 Gun Sect: 2 halftracks (7); 2 AA Guns (88mm – towed).
 Ammo Det: 4 trucks (3-ton).
 Bty 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).

KStN 192 Motorized Light Infantry Anti-Aircraft Company

1.02.1941 Co Hqs: 4 mcl; 1 car (1); 1 car (15).
 Signal Det: Hqs Sect: 1 car (15).
 1 Lt Radio Sect c: 1 van (17).
 4 Pack Radio Sect b: 1 car (2).
 3 AA Plt: Hqs Sect: 3 mcl; 2 cars (15).
 Gun Sect: 6 truck (81); 4 AA Guns (20mm – towed).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (medium).
 Co Trains: 3 mcl; 1 mcl w/sc; 1 car (15); 2 trucks (light); 2 trucks (2-ton); 2 trucks (3-ton).

Specifications for the 20mm and 88mm Anti-Aircraft Guns:

Designation:	2cm Flugabwehrkanone 38 [or 30]	8,8cm Flugabwehrkanone 36 & 37 [or 18]
Trailer loads:	one	one
Caliber:	20mm	88mm
Barrel length:	L/65	L/56
Horizontal range:	4800 meters	14,860 meters
Vertical range:	3700 meters	9750 meters
Shell weight:	132 grams	9.5 to 15 kilos
Unlimbered weight:	405 kgs [450 kgs]	5510 kilos
Limbered weight:	860 kgs [890 kgs]	8200 kgs [7000 kgs]
Traverse:	360°	360° on cruciform base
Elevation:	-10°[-20°] to +90°	-3° to +85°
Rate of Fire:	220 [120] RPM	15 to 20 RPM

The figure in [brackets] indicates data for the earlier model if different.

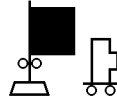
NOTES:

After the successful use of heavy anti-aircraft guns by both the German Army and the Luftwaffe as dual-purpose (anti-aircraft and anti-tank) weapons during the 1940 French Campaign, the German Army decided that it also needed heavy anti-aircraft guns. The Artillery Inspectorate organized these battalions (as opposed to the light anti-aircraft units, which were organized by the Infantry Inspectorate).

There were 10 Motorized Army Anti-Aircraft Battalions on 22.06.1941.

Unit	Hvy Bty	Lt Bty	Assigned to:
271	3	–	9th Army Reserves, Army Group Center
272	2	1	9th Army Reserves, Army Group Center
273	2	1	18th Army Reserves, Army Group North
274	3	–	4th Army Reserves, Army Group Center
275	2	1	17th Army Reserves, Army Group South
276	3	–	4th Army Reserves, Army Group Center
277	3	–	17th Army Reserves, Army Group South
278	3	–	6th Army Reserves, Army Group South
279	2	1	6th Army Reserves, Army Group South
280	2	1	16th Army Reserves, Army Group North

**STAB, NEBELWERFER-REGIMENT (motorisiert) zur besonderer Verwendung
Headquarters, Motorized Special Rocket Launcher Regiment**



KStN 601 *) Headquarters, Motorized Special Rocket-Launcher Regiment

1.02.1941 Rgt Hqs: 1 mcl; 1 mcl w/sc; 2 cars (1); 2 cars (15).
Signal Plt: Hqs Sect: 2 mcl; 1 car (15).
1 Hvy Tele Sect *a*: 1 car (2); 1 van (23).
1 Lt Tele Sect *c*: 1 car (15).
1 Lt Radio Sect *c*: 1 van (17).
6 Pack Radio Sect *f*: 1 car (2).

NOTES:

The Headquarters, Motorized Rocket-Launcher Regiment for Special Purposes were used to control the rocket launcher troops assigned to a command, and to advise this command in the particular use of their weapons. At this time, they controlled between three to four battalions. The headquarters, which were merely command echelons, were all eventually converted to regular regiments with their own permanent battalions.

There were 4 Headquarters, Motorized Special Rocket-Launcher Regiment on 22.06.1941.

1. VIII Corps, 9th Army, Army Group Center
2. XXXXVIII Mot. Corps, 1st Panzer Group, 6th Army, Army Group South
3. II Corps, 16th Army, Army Group North
4. XII Corps, 2nd Pz Group, 4th Army, Army Group Center

GENERAL NOTES:

The initial rocket launchers were single tube weapons, much like large mortars. By 1941, the multiple tube launchers had been introduced.

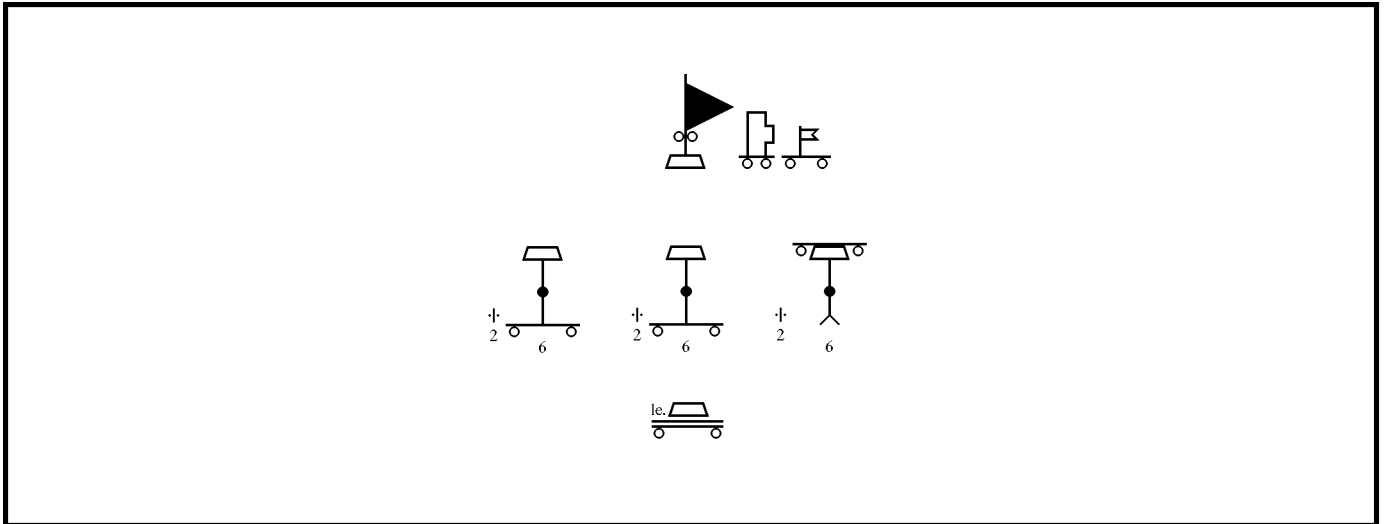
Rockets and their projectors were employed by the German Army because they could be made and used much less expensively than artillery, and were more mobile than field artillery firing shells of similar weight. Training was also quicker, manufacturing was considerably cheaper, and the weapons were lighter. Accuracy of the rockets was considerably less than conventional tube artillery, and rocket units were trained to maintain a very high rate of fire. This high rate of fire was used to reinforce conventional artillery fire.

The Germans introduced multiple rocket launchers for laying heavy concentrations of 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). The ability to lay smoke screens to hide the movement and the location of friendly forces was often used when large areas had to be covered in a short time.

The rockets covered a large area with high explosive, laid smoke screens to hide friendly movements and dispositions, which also confused the enemy's movement. The disadvantage was that the Nebelwerfers' 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 crews became very adept at digging in and rapid redeployment). The relative short range 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.

Ammunitions was issued in three variations, namely normal, arctic, and tropical. The tropical variants had the ventury openings sealed with metal foil to prevent sand, dust, or humidity from entering. The arctic variants had slightly different chemical compositions to compensate for extreme cold.

NEBELWERFER-ABTEILUNG (motorisiert)
Motorized Rocket-Launcher Battalion



KStN 604
1.02.1941

Headquarters, Motorized Rocket-Launcher Battalion

Bn Hqs: 3 mcl; 1 car (1); 3 cars (15).
Signal Det: Hqs Sect: 2 mcl; 1 car (15).
1 Hvy Tele Sect *a*: 1 car (2); 1 car (23).
1 Lt Tele Sect *c*: 1 car (15).
6 Pack Radio Sect *b*: 1 car (2).
Weather Sect: 2 cars (15).
Bn Maint Det: 1 mcl w/sc; 1 car (light); 1 car (2/40); 3 trucks (3-ton).
Bn Trains: 4 mcl; 1 car (light); 6 trucks (light); 1 ambulance (31).

KStN 664
1.02.1941

Motorized Light Rocket Launcher Column

Col Hqs: 1 mcl; 1 car (light).
Ammo Plt: Hqs Sect: 1 car (light).
2 Ammo Sect: 4 trucks (light).
Col Trains: 1 mcl; 3 trucks (light).

KStN 614
1.02.1941

Motorized 105mm Rocket-Launcher Battery

Bty Hqs: Hqs Sect: 4 mcl; 2 cars (1); 1 AA car (4 with dual MG).
2 Lt Tele Sect *c*: 1 car (15).
3 Pack Radio Sect *f*: 1 car (2).
2 Rocket Plt: Hqs Sect: 1 mcl; 1 car (1).
Launcher Sect: 3 trucks (91); 3 launchers (105mm Nbl. Wfr. 35 – truck borne).
or Launcher Sect: 3 halftracks (11/4); 3 launchers (105mm Nbl. Wfr. 40 – towed).
Ammo Det: 1 mcl w/sc; 4 trucks (91) [for Nbl. Wfr. 35] or 4 halftracks (11/4) [for Nbl. Wfr. 40].
Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
Bty Trains: 1 mcl; 1 car (light); 4 trucks (light).

NOTES:

Although the general impression of the German Nebeltruppen is that they were all equipped with multiple tube equipment, this was not the case with the independent battalions. In 1941 the independent Nebelwerfer-Abteilung was equipped with the single tube 105mm Nebelwerfer 35 (Nbl. W. 35), introduced in 1934, as well as the newer Nebelwerfer 40 (Nbl. W. 40), and would do so until well into 1942.

The Nbl. W. 35 was basically a large mortar. It was loaded via the front of the tube, had a single smooth barrel, and a high elevation and trajectory. It could be broken down into three man-packed loads and carried by its crew of seven, (team leader; three gunners, and three ammunition handlers). For movement of the mortar and ammunition over longer distances, small hand carts were issued. It was being replaced in 1941 by the 105mm Nebelwerfer 40 (Nbl. W. 40).

The Nbl. W. 40 was also a large, single tube mortar. It had the same caliber, but had more than twice the range. It was also a much heavier and more complex weapon. It had a recoil mechanism, and the round was loaded via a breech block and fired by percussion. However, the high elevation, trajectory and the smooth barrel of a mortar were retained.

The increased weight also meant that the Nbl. W. 40 was now permanently fixed on a two-wheeled trailer, towed by a halftrack. The two wheels served as the front

stabilizers. A round base plate typical of all mortars was carried on the trailer, and only emplaced when the weapon was to be fired. The Nbl. W. 40 could be manhandled into position, but the distance it could be moved by sheer manpower alone was limited, and contrary to the Nbl. W. 35, could no longer be broken down into man-packed loads.

The round for the Nbl. W. 40 had a 1.2 kilo high-explosive payload, and was also available in a smoke version. Chemical-filled projectiles, (other than smoke), were also available but not used in WWII. The weapon was inaccurate. At extreme range it spread the fall of shot in a radius of 138 meters. The Nbl. W. 40 round was longer than that of the Nbl. W. 35. The new round could be fired by the Nbl. W. 35, but not the other way around.

The first rocket-launcher battalion had been raised in 1934. There were nine battalions (1 – 9.) by the time of the 1940 French Campaign. During late 1940 and into early 1941, the 1st and 7th Battalions were integrated into the 54th Rocket Launcher Regiment (III./54 and II./54, respectively).

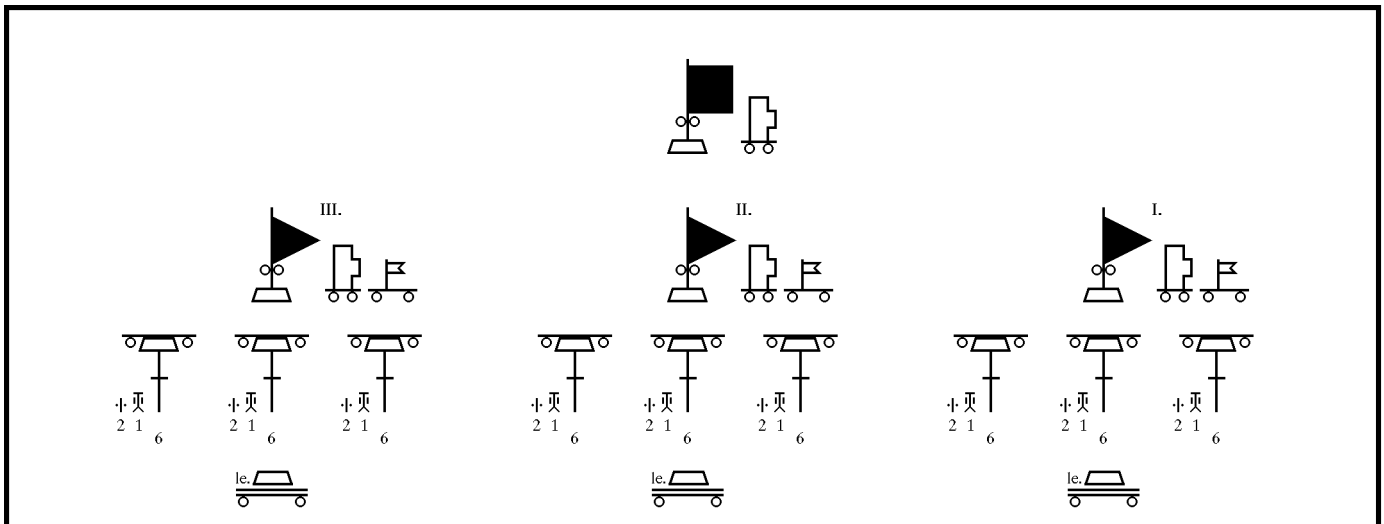
The remaining seven battalions were organized on 22.06.1941 as follows:

2. IIth Corps, 16th Army, Army Group North
1st Bty: *Nbl. W. 40* – 2nd & 3rd Batteries: *Nbl. W. 35*
3. VIIIth Corps, 9th Army, Army Group Center
1st Bty: *Nbl. W. 40* – 2nd & 3rd Batteries: *Nbl. W. 35*
4. XXXXVIIIth Mot. Corps, 1st Panzer Group, Army Group South
1st, 2nd & 3rd Batteries: *Nbl. W. 40*
5. VIIIth Corps, 9th Army, Army Group Center
1st Bty: *Nbl. W. 40* – 2nd Bty: *Nbl. W. 35* – 3rd Bty: *Nbl. W. 40*
6. XIIth Corps, 2nd Panzer Group, Army Group Center
1st Bty: *Nbl. W. 40* – 2nd Bty: *Nbl. W. 35* – 3rd Bty: *Nbl. W. 40*
8. XIIth Corps, 2nd Panzer Group, Army Group Center
1st, 2nd & 3rd Batteries: *Nbl. W. 35*
9. IIInd Corps, 16th Army, Army Group North
1st Bty: *Nbl. W. 40* – 2nd & 3rd Batteries with *Nbl. W. 35*

Specifications for the 105mm rocket-launchers:

Designation:	Nebelwerfer 35 (Nbl. W. 35)	Nebelwerfer 40 (Nbl. W. 40)
Introduced:	1934	1941
Caliber:	105mm	105mm
Barrel length:	L/13	L/17.7
Range:	3,025 meters	6,350 meters
Projectile weight:	7.38 kilos	8.9 kilos
Unlimbered weight:	105 kilos	800 kilos
Limbered weight:	111 kilos	892 kilos
Traverse:	15° / 15°	14° / 14°
Elevation:	+45° / +84°	+ 45° / + 84°
Rate of Fire:	10 / 15 rpm	8 / 10 rpm

NEBELWERFER-REGIMENT (motorisiert)
Motorized Rocket-Launcher Regiment



KStN 601 *) Headquarters, Motorized Rocket-Launcher Regiment “d”

1.02.1941
 Rgt Hqs: 1 mcl; 1 mcl w/sc; 2 cars (1); 2 cars (15).
 Signal Plt: Hqs Sect: 2 mcl; 1 car (15).
 1 Hvy Tele Sect *a*: 1 car (2); 1 van (23).
 1 Lt Tele Sect *c*: 1 car (15).
 1 Lt Radio Sect *c*: 1 van (17).
 6 Pack Radio Sect *f*: 1 car (2).

KStN 607 Headquarters, Motorized Rocket-Launcher Battalion “d”

1.02.1941
 Bn Hqs: 3 mcl; 1 car (light); 3 cars (15).
 Weather Det: 2 cars (15).
 Signal Plt: Hqs Sect: 2 mcl; 1 car (15).
 1 Hvy Tele Sect *a*: 1 car (2); 1 van (23).
 1 Lt Tele Sect *c*: 1 car (15).
 6 Pack Radio Sect *b*: 1 car (2).
 Weather Sect: 2 cars (15).
 Bn Maint Det: 1 mcl w/sc; 1 car (light); 1 car (2/40); 1 truck (medium); 2 trucks (3-ton).
 Bn Trains: 4 mcl; 1 car (light); 6 trucks (light); 1 ambulance (31).

KStN 667 *) Motorized Light Rocket Launcher Column “d”

1.02.1941
 Col Hqs: 1 mcl; 1 car (light).
 Ammo Plt: Hqs Sect: 1 car (light).
 3 Ammo Sect: 4 trucks (medium).
 Col Trains: 1 mcl; 3 trucks (light).

KStN 617 Motorized Rocket-Launcher Battery “d”

1.02.1941
 Bty Hqs: Hqs Sect: 4 mcl; 1 AA car (4 with dual MG); 1 car (12); 1 car (15).
 Signal Det: 1 Lt Tele Sect *c*: 1 car (15).
 1 Lt Tele *c* & ATG Sect: 1 halftrack (10); 1 ATG (37mm – towed).
 3 Pack Radio Sect *f*: 1 car (2).
 2 Rocket Plt: Hqs Sect: 1 mcl; 1 car (1).
 Launcher Sect: 3 halftracks (11/4); 3 launchers (150mm – towed).
 2 Ammo Det: 1 mcl; 3 halftracks (11/3).
 Bty Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Bty Trains: 1 car (light); 5 trucks (medium).

NOTES:

The Germans introduced the 150mm multiple rocket launchers for laying heavy concentrations of smoke or massed fire on area targets. The projectiles were either smoke or high explosive, and were designed so that the rocket motor was in the middle and the explosive charge in the rear. Upon impact, the charge exploded before the projectile could penetrate the ground, spreading the blast and including the rocket motor parts in the devastating shrapnel.

At 36 rounds per battery, 108 per battalion, or 324 rounds per regiment – and with a payload each of 2.4 kilos of TNT in each rocket – the regiment could deliver almost 2½ tons of high explosive on a target within 5 minutes.

The short range of the rockets placed the batteries near or within the front lines, subject to armored attack. Hence, the addition of an ATG was very welcome. To unlimber the launcher, it had to be raised up on the front stabilizer plate and the split trail, so that the wheels were raised from the earth when fired.

The 51. Nebelwerfer-Regiment (motorisiert) was raised in July 1940. By June 1941, three (52. – 54.) more had been added. Whereas the 51st through 53rd had three battalions each, the 54. Nebelwerfer-Regiment had only two.

A fifth, the Nebel-Lehr-Regiment, (with only two battalions), was a Replacement Army unit. It was transferred to the Field Army on 1.06.1941. (The I. Abteilung had 2 batteries of 15cm Nbl.W and the III. Abteilung had 2 batteries of 105mm Nbl.W 40). The II. Abteilung remained with the Replacement Army in Germany.

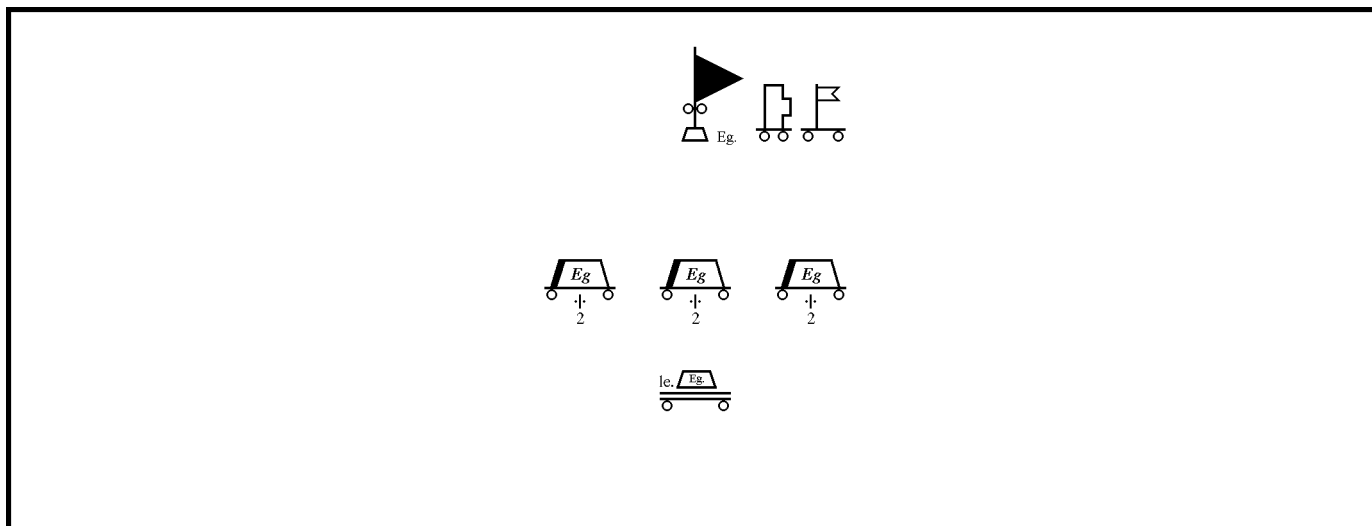
On 22.06.1941, there were 5 rocket-launcher regiments:

Nebel-Lehr-Rgt.	XXXXVIIIth Mot Corps, 1st Panzer Group, AG South
51. Nebelwerfer-Rgt.	XXXIXth Mot Corps, 3rd Panzer Group, AG Center
52. Nebelwerfer-Rgt.	XXXXIst Mot Corps, 4th Panzer Group, AG North
53. Nebelwerfer-Rgt.	XXXXVIIth Mot Corps, 2nd Panzer Group, AG Center
54. Nebelwerfer-Rgt.	IIIrd Mot Corps, 1st Panzer Group, AG South

Specifications for the 150mm Rocket-Launcher:

Initial Designation:	15cm Nebelwerfer d (Nbl.W. d)
Later Designation:	15cm Nebelwerfer 41 (Nbl.W. 41)
Introduced:	1941
Caliber:	150mm
Barrel length:	L/17.7
Range:	initially 3,500 meters (later 6,700 meters)
Tubes:	six
Projectile weight:	34.15 kilos each
Launcher salvo weight:	204.9 kilos
Unlimbered weight:	540 kilos
Limbered weight:	590 kilos
Elevation:	+5° / +45° from horizontal
Traverse:	27° from center
Rate of Fire:	1 salvo (of 6 rounds each) every 90 seconds

ENTGIFTUNGS-ABTEILUNG (motorisiert)
Motorized Decontamination Battalion

**KStN 605****Headquarters, Motorized Decontamination Battalion**

1.02.1941

Bn Hqs: 3 mcl; 1 car (light); 3 cars (15).

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

1 Hvy Tele Sect *a*: 1 car (2); 1 van (23),1 Lt Tele Sect *c*: 1 car (15).6 Pack Radio Sect *d*: 1 car (2).

Weather Sect: 2 cars (15).

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

Bn Trains: 4 mcl; 2 cars (light); 7 trucks (light); 1 truck (3-ton); 1 ambulance (31).

KStN 665 *)**Motorized Light Decontamination Column, Motorized Decontamination Battalion**

1.02.1941

Col Hqs: 1 mcl; 1 car (light).

3 Plt: 1 car (light); 4 trucks (light); 2 trucks (3-ton).

Equipment Plt: Hqs Sect: 1 car (light).

3 Sect: 4 halftracks (10/3); 6 halftracks (11/3).

Maint Sect: 1 mcl w/sc; 1 car (15).

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

KStN 615 *)**Motorized Decontamination Battery**

1.02.1941

Bty Hqs: 4 mcl; 2 cars (1); 1 AA car (4 with dual MG).

Signal Det: 1 Lt Tele Sect *c*: 1 car (15).3 Pack Radio Sect *d*: 1 car (2).

2 Decon Plt: 2 mcl; 1 car (1); 3 halftracks (10/1); 4 halftracks (10/2); 2 halftracks (11/2).

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

Bty Trains: 1 mcl; 1 car (light); 4 trucks (light); 1 truck (medium); 1 truck (92); 1 trailer (decon).

NOTES:

Besides equipment and material for decontamination purposes, at least one battery per battalion, (if not all three), was equipped with 10 schweres Wurfgerät 40 / 41 (frame racks for four 280/320mm rockets in crates, each).

280mm and 320mm Rockets

The 28/32cm Wurfkörper (rockets) were not found at this time in organized units, but were issued as rounds of ammunition to combat engineers, or even infantry units, as well as the decontamination units. Accuracy was not very high, and the 280/320mm rockets were used against large area or hard targets.

The 280mm/320mm rockets, in keeping with the limitation of expenses concept, were stored, transported, and even fired in their own open, wooden, boxed frames, (metal was also used instead of wood). The rocket, in its container, was laid at an angle in a hole in the ground, on a mound, or even against a low wall facing their target. The container had small hinged legs which were used to for slight elevation corrections.

The combat engineers hung could hang three of these heavy rockets on each side of their armored halftracks, again in their transport containers. Aiming was done by turning the vehicle in the direction of the target, and elevation was achieved by rotating the metal frames to which the containers were fixed.

The 28/32cm Wurfkörper were also used with the schweres Wurfgerät 40 and 41, (heavy launcher equipment) which were basically racks supporting four rocket containers each, with adjustable front legs for elevation. Aiming was done by facing the rack in the desired direction. The s.W.G. 40 was made of wood, the s.W.G. 41 of metal.

The 280mm rocket contained 50 kilos of TNT or amatol (*Fp. 60/40*). The 320mm rocket contained 38 liters of an incendiary liquid made from a mixture of petrol and diesel oil (40 kilos of *Flammöl 1*). The payload and the charge for firing the mixture (1.6 kilos *N.P. 15*) were in the front. The rockets for both weapons were in the rear, propelled by 6.5 kilos of solid diethylene glycol dinitrate (*Diyl. R.P. 8,2*).

The 320mm rockets had originally been designed for chemical warfare, and were available with various other chemical fillings. But as this type of warfare was not used by the Germans in World War II, the chemical fillings remained in the gas warfare parks.

On 22.06.1941, there were 5 decontamination battalions:

- 101. Entgiftungs-Abt. IInd Corps, 16th Army, AG North
- 102. Entgiftungs-Abt. 17th Army, AG South
- 103. Entgiftungs-Abt. VIIIth Corps, 9th Army, AG Center
- 104. Entgiftungs-Abt. XXXXVIIIth Mot Corps, 1st Panzer Group, AG South
- 105. Entgiftungs-Abt. XXIIth Corps, 2nd Panzer Group, AG Center

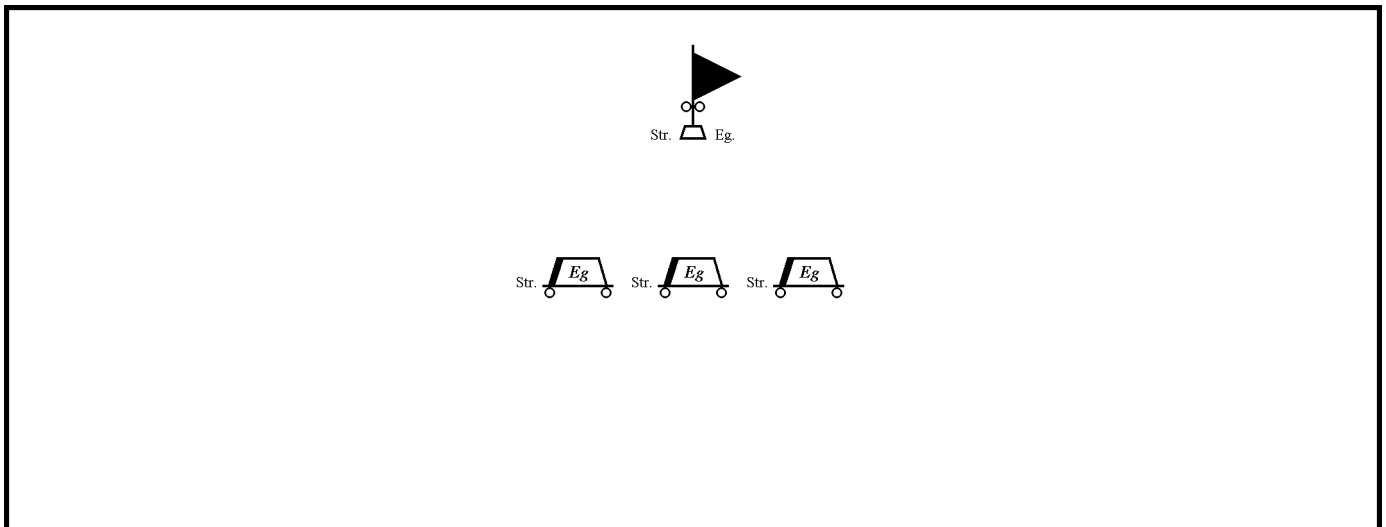
Specifications for the Static Rocket Launchers:

Designation:	schweres Wurfgerät 40	schweres Wurfgerät 41
Capacity:	4 rockets	4 rockets
Rack Weight:	52 kilos (wood)	110 kilos (metal)
Traverse:	by turning the rack	by turning the rack
Elevation:	+5° / +45°	+5° / +45°
Rate of Fire:	4 rounds in 6 seconds	4 rounds in 6 seconds

Specifications for the 280mm and 320mm Rockets:

Designation:	28cm Wurfkörper	32cm Wurfkörper
Caliber:	280mm	337mm
Minimum Range:	750 meters	875 meters
Maximum Range:	1925 meters	2200 meters
Projectile weight:	82 kilos	79 kilos
Weight with Container (wood):	112 kilos	109 kilos
Weight with Container (metal):	102 kilos	99 kilos

STRASSENENTGIFTUNGS-ABTEILUNG (motorisiert)
Motorized Road Decontamination Battalion

**KStN 609**

1.02.1941

Headquarters, Motorized Road Decontamination Battalion

Bn Hqs: 2 mcl; 1 car (2); 2 halftracks (10/1); 1 trailers (33).

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

Trains: 1 haltrack (11/3).

KStN 619

1.02.1941

Motorized Road Decontamination Company

Co Hqs: 2 mcl; 1 car (2); 1 halftrack (10/1).

Road Decontamination Det: 1 car (2); 3 haltracks (10/2); 6 halftracks (11/2).

Supply Det: 1 mcl; 6 halftracks (11/3).

Co Trains: 1 van (91); 1 halftrack (10/1); 3 halftracks (11/3).

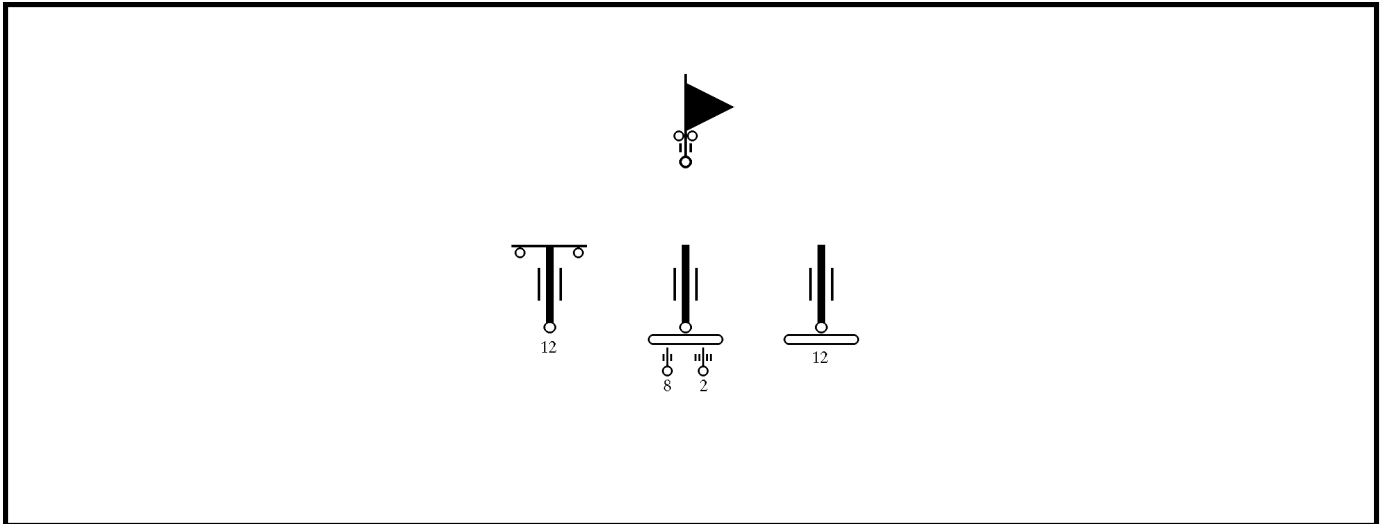
NOTES:

It is probable that besides equipment and material for decontamination purposes, at least one battery per battalion, (if not all three), was equipped with 10 schweres Wurfgerät 40 / 41 (frame racks for four 280/320mm rockets in crates, each). For details see page 54 to the left.

On 22.06.1941, there were 3 road decontamination battalions:

- 131. Str.-Entgiftungs-Abt. 18th Army, Army Group North
- 132. Str.-Entgiftungs-Abt. LIIIrd Corps, Army Group Center
- 133. Str.-Entgiftungs-Abt. 4th Army, Army Group South

LEICHTE FLIEGERABWEHR-EINHEITEN Mechanized Light Anti-Aircraft Units



KStN 123
1.02.1941

Headquarters, Mechanized Light Anti-Aircraft Battalion

Bn Hqs: 7 mcl; 1 car (light); 3 car (15).
Signal Det: Hqs Sect: 1 car (2).
6 Pack Radio Sect *b*: 1 car (2).
Bn Maint Det: 1 mcl w/sc; 2 cars (light); 1 car (2/40); 1 truck (light); 3 trucks (medium).
Bn Trains: 4 mcl; 1 car (light); 2 truck (light); 2 trucks (2-ton); 1 truck (3-ton); 1 ambulance (31).

KStN 192
1.02.1941

Mechanized Light Anti-Aircraft Company

Co Hqs: 4 mcl; 1 car (1); 1 car (15).
Signal Det: Hqs Sect: 1 car (15).
1 Lt Tele Sect *c*: 1 car (15).
4 Pack Radio Sect *b*: 1 car (2).
Mot Mono Plt: Hqs Sect: 3 mcl; 2 cars (15).
Ammo Sect: 2 trucks (81).
Gun Sect: 4 trucks (81); 4 AA Guns (20mm Flak 30 – towed).
SP'd Mono Plt: Hqs Sect: 4 mcl; 1 car (15).
Ammo Sect: 2 halftracks (10/4 without guns).
Gun Sect: 4 halftracks (10/4 with 20mm Flak 38).
SP'd Quad Plt: Hqs Sect: 3 mcl; 2 cars (15).
Ammo Sect: 2 halftracks (7/1 without guns).
Gun Sect: 2 halftracks (7/1 with quad 20mm Flak 38); 2 trailers (ammo).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 3 mcl; 1 mcl w/sc; 2 trucks (light); 2 trucks (2-ton); 2 trucks (3-ton).

KStN 192
1.02.1941

Self-Propelled Light Anti-Aircraft Company (Flakpanzer)

Co Hqs: 4 mcl; 1 car (1); 1 car (15).
Signal Det: Hqs Sect: 1 car (15).
1 Lt Tele Sect *c*: 1 car (15).
4 Pack Radio Sect *b*: 1 car (2).
2 SP'd Mono Plt: Hqs Sect: 4 mcl; 1 car (15).
Ammo Sect: 4 armored ammunition carriers (Pz-I without guns).
Gun Sect: 4 Flakpanzer I (Pz-I with 20mm Flak 38).
1 SP'd Quad Plt: Hqs Sect: 3 mcl; 2 cars (15).
Ammo Sect: 2 halftracks (7/1 without guns).
Gun Sect: 2 halftracks (7/1 with quad 20mm Flak 38); 2 trailers (ammo).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 3 mcl; 1 mcl w/sc; 2 trucks (light); 2 trucks (2-ton); 2 trucks (3-ton).

NOTES:

The Light Anti-Aircraft Companies (with KStN numbering in the 190's), were raised by the Infantry Inspectorate, and existed as either independent companies or were combined into battalions.

Owing to a lack of vehicles and guns, the composition of the companies varied considerably. They were either completely self-propelled, or partially self-propelled and partially motorized, or just motorized. In addition, some companies had 3 mono platoons, or 2 mono 20mm gun and 1 quad 20mm gun platoons. Composition of the various companies is indicated in the listing to the right.

The 2cm Flak were primarily conceived as low level AA defense units, intended to accompany the ground forces into combat and to provide immediate low-level air defense under the direct control of the units being protected. The Army Anti-Aircraft Battalions were medium-level air defense units. The Luftwaffe also provided air cover for the Army, but Luftwaffe Flak units were pretty much independent, being on loan and not under control of the Army ground forces.

The self-propelled mono AA platoons of the 614. Leichte Fla-Bataillon were equipped with Flakpanzer I, (20mm Flak mounted on the chassis of the Pz-I), which were an experiment which was not continued. Some units made field modifications, by mounting the towed 20mm Flak guns on their prime movers. Thus, the 20mm mono Flak was put on a slightly strengthened Sd.Kfz. 81, (s. E-PKW, Krupp L2H-43 or L2H-143).

The Light Anti-Aircraft Battalions had either 3 or 4 companies. All companies within each battalion had the same type of mobility and equipment.

The independent Light Anti-Aircraft Companies were normally assigned on a mission basis. About half of the 51 companies were assigned on a semi-permanent basis to divisions, but continued to be classified as "independent" GHQ troops.

There were 15 Light Anti-Aircraft Battalions and 51 independent Light Anti-Aircraft Companies on 22.06.1941.

Specifications of the 20mm Anti-Aircraft Guns:

Designation:	2cm Flak 30	2cm Flak 38 auf Pz. I	2cm Flak 38 auf Sd.Kfz. 10/4	2cm Flak Vierling auf Sd.Kfz. 7/1
Caliber:	20mm	20mm	20mm	20mm
Barrel length:	L/65	L/65	L/65	L/65
Horizontal range:	4,800 meters	4,800 meters	4,800 meters	4,800 meters
Vertical Range:	3,700 meters	3,700 meters	3,700 meters	3,700 meters
Ammo weight:	0.33 kilos	0.33 kilos	0.33 kilos	0.33 kilos
Unlimbered weight:	450 kilos	6,450 kilos	5,365 kilos	11,540 kilos
Limbered weight:	890 kilos	–	–	–
Traverse:	360°	360°	360°	360°
Elevation:	–10° / +90°	–10° / +90°	–20° / +90°	–10° / +100°
Practical Rate of Fire:	120 rpm	220 rpm	220 rpm	4x 200 rpm
Vehicle speed:	–	37 km/h	50 km/h	50 km/h

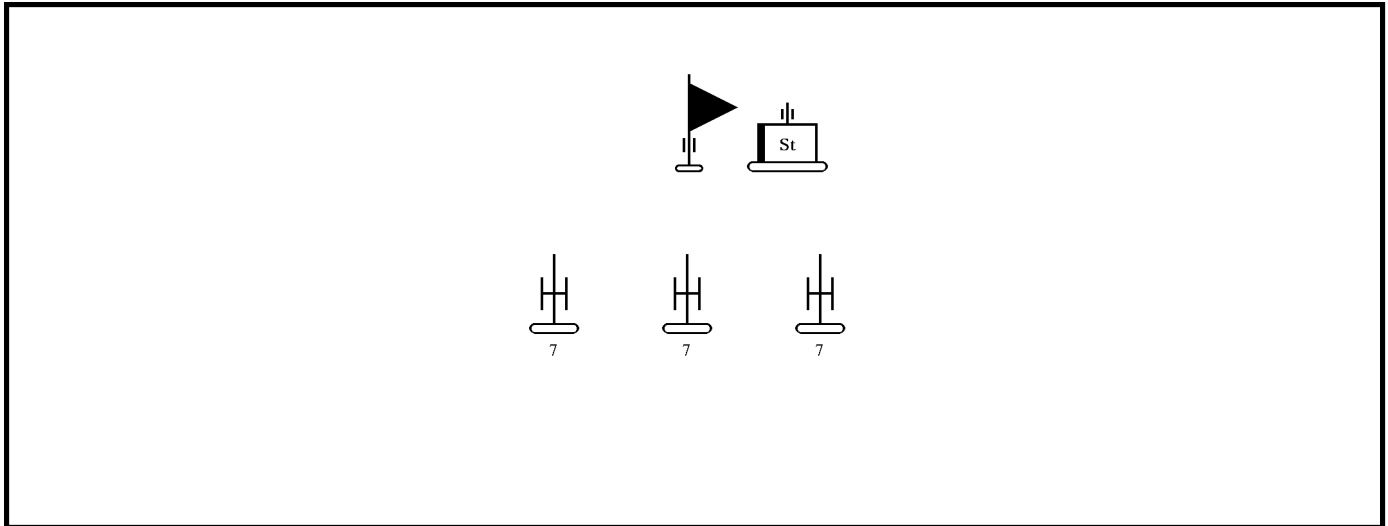
**Order of Battle
Anti-Aircraft Battalions**

22.	4 Co SP'd (2 Mono Plt & 1 Quad Plt/Co)	17th Army Reserves, Army Group South
601.	4 Co SP'd (3 Mono Plt/Co)	XXXXI Mot Corps, 3 Panzer Group, Army Group Center
602.	4 Co SP'd (3 Mono Plt/Co)	2 Panzer Group Reserves, Army Group Center
603.	3 Co mot (3 Mono Plt/Co)	OKH Reserves
604.	3 Co SP'd (3 Mono Plt/Co)	18th Army Reserves, Army Group North
605.	3 Co SP'd (3 Mono Plt/Co)	XXXIXth Mot Corps, 3 Panzer Group, Army Group Center
606.	3 Co SP'd (3 Mono Plt/Co)	German Africa Corps (D.A.K.)
607.	3 Co SP'd (3 Mono Plt/Co)	VIIIth Corps, 9th Army, Army Group Center
609.	3 Co SP'd (3 Mono Plt/Co)	12th Army Reserves (Crete)
610.	3 Co mot (3 Mono Plt/Co)	XIIth Corps, 2 Panzer Group, Army Group Center
611.	3 Co mot (3 Mono Plt/Co)	XXXIIIrd Corps, 4th Army, Army Group Center
612.	4 Co SP'd (3 Mono Plt/Co)	German Africa Corps (D.A.K.)
613.	3 Co mot (3 Mono Plt/Co)	(still forming) Wehrkreis VI
614.	3 Co SP'd (2 Mono Plt & 1 Quad Plt/Co)	OKH Reserves
615.	3 Co mot (3 Mono Plt)	(still forming) Wehrkreis VII

**Order of Battle
Independent Anti-Aircraft Companies**

1./31.	3 SP'd Mono Plt	291th Infantry Division
3./31.	3 SP'd Mono Plt	XII Corps, 2nd Panzer-Gruppe, Army Group Center
4./31.	3 SP'd Mono Plt	1 Panzer-Gruppe Reserves, Army Group South
5./31.	3 SP'd Mono Plt	Army Group North Reserves
6./31.	2 SP'd Mono Plt & 1 SP'd Quad Plt	16th Infantry Division (mot)
1./46.	3 SP'd Mono Plt	VI Corps, 3rd Panzer-Gruppe, Army Group Center
2./46.	3 SP'd Mono Plt	Army Group South Reserves
3./46.	2 SP'd Mono Plt & 1 SP'd Quad Plt	6th Panzer Division
4./46.	3 SP'd Mono Plt	XXXVIII Corps, 4th Army, Army Group Center
5./46.	3 SP'd Mono Plt	XXXVIII Mot Corps, 1st Panzer-Gruppe, Army Group South
6./46.	3 SP'd Mono Plt	VII Corps, 4th Army, Army Group Center
1./47.	3 SP'd Mono Plt	11th Army Reserves, Army Group South
2./47.	3 SP'd Mono Plt	2th Panzer Division
3./47.	2 SP'd Mono Plt & 1 SP'd Quad Plt	9th Panzer Division
4./47.	3 SP'd Mono Plt	XVII Corps, 6th Army, Army Group South
5./47.	3 SP'd Mono Plt	OKH Reserves
6./47.	3 SP'd Mono Plt	VI Corps, 3rd Panzer-Gruppe, Army Group Center
1./48.	3 SP'd Mono Plt	IV Corps, 17th Army, Army Group South
2./48.	3 SP'd Mono Plt	XXIX Corps, 1st Panzer-Gruppe, Army Group South
3./48.	3 SP'd Mono Plt	XXXIV Corps, 6th Army, Army Group South
4./48.	2 SP'd Mono Plt & 1 SP'd Quad Plt	8th Panzer Division
5./48.	3 SP'd Mono Plt	VIII Corps, 9th Army, Army Group Center
6./48.	3 SP'd Mono Plt	XXXIX Mountain Corps, 17th Army, Army Group South
1./52.	3 SP'd Mono Plt	20th Infantry Division (mot)
2./52.	3 SP'd Mono Plt	6th Army Reserves, Army Group South
3./52.	3 SP'd Mono Plt	253rd Infantry Division
4./52.	1 Mot Mono Plt; 1 SP'd Mono Plt; 1 SP'd Quad Plt	12th Panzer Division
5./52.	1 Mot Mono Plt & 2 SP'd Mono Plt	Army Group D Reserves
6./52.	1 Mot Mono Plt & 2 SP'd Mono Plt	XXVI Corps, 18th Army, Army Group North
1./55.	1 Mot Mono Plt & 2 SP'd Mono Plt	18th Army Reserves, Army Group North
2./55.	1 Mot Mono Plt; 1 SP'd Mono Plt; 1 SP'd Quad Plt	5th Panzer Division
3./55.	1 Mot Mono Plt; 1 SP'd Mono Plt; 1 SP'd Quad Plt	10 Panzer Division
4./55.	1 Mot Mono Plt; 1 SP'd Mono Plt; 1 SP'd Quad Plt	16th Army Reserves, Army Group North
5./55.	1 Mot Mono Plt & 2 SP'd Mono Plt	Army Group Center Reserves
6./55.	1 Mot Mono Plt & 2 SP'd Mono Plt	VII Corps, 4th Army, Army Group Center
1./59.	1 Mot Mono Plt; 1 SP'd Mono Plt; 1 SP'd Quad Plt	29th Infantry Division (mot)
2./59.	1 Mot Mono Plt; 1 SP'd Mono Plt; 1 SP'd Quad Plt	1st Panzer Division
3./59.	1 Mot Mono Plt; 1 SP'd Mono Plt; 1 SP'd Quad Plt	7th Panzer Division
4./59.	1 Mot Mono Plt & 2 SP'd Mono Plt	16th Army Reserves, Army Group North
5./59.	1 Mot Mono Plt & 2 SP'd Mono Plt	1st Panzer-Gruppe Reserves, Army Group South
6./59.	1 Mot Mono Plt; 1 SP'd Mono Plt; 1 SP'd Quad Plt	3rd Panzer Division
1./66.	1 Mot Mono Plt & 2 SP'd Mono Plt	17th Panzer Division
2./66.	1 Mot Mono Plt & 2 SP'd Mono Plt	17th Army Reserves, Army Group South
3./66.	1 Mot Mono Plt & 2 SP'd Mono Plt	VIII Corps, 9th Army, Army Group Center
4./66.	3 SP'd Mono Plt	13th Panzer Division
5./66.	1 Mot Mono Plt; 1 SP'd Mono Plt; 1 SP'd Quad Plt	4th Panzer Division
6./66.	2 SP'd Mono Plt & 1 SP'd Quad Plt	16th Panzer Division
1./608.	1 Mot Mono Plt; 1 SP'd Mono Plt; 1 SP'd Quad Plt	11th Panzer Division
2./608.	1 Mot Mono Plt; 1 SP'd Mono Plt; 1 SP'd Quad Plt	14th Panzer Division
3./608.	2 SP'd Mono Plt & 1 SP'd Quad Plt	60th Infantry Division (mot)
631.	1 Mot Mono Plt & 2 SP'd Mono Plt	18th Panzer Division

STURMGESCHÜTZ-ABTEILUNG Assault Gun Battalion



- KStN 416 *) Headquarters, Assault Gun Battalion**
1.02.1941
Bn Hqs: 4 mcl; 2 mcl w/sc; 1 ambulance (31).
Signal Det: 2 Lt Radio Sect *b*: 1 car (15).
1 Lt Radio Sect *c*: 1 van (17).
- KStN 588 *) Headquarters Battery, Assault Gun Battalion**
1.02.1941
Bty Hqs: 1 mcl; 1 car (15).
Maint Det: 1 mcl; 1 mcl w/sc; 1 car (light); 1 car (medium); 1 bus (medium/22 seats); 9 trucks (3-ton); 1 van (79);
2 halftracks (9); 1 motor crane (100 – 3-ton capacity); 1 trailer (generator); 1 trailer (arc welding); 1 trailer (light tank).
Bn Trains: 1 car (light); 5 trucks (medium).
- KStN 445 *) Assault Gun Battery**
1.02.1941
Bty Hqs: 4 mcl; 1 mcl w/sc; 1 car (15); 1 armored command vehicle (253).
Signal Det: 3 Lt Radio Sect: 1 car (2).
1 Lt Tele Sect *d*: 1 car (15).
3 StuG Plt: Hqs Sect: 1 mcl; 1 armored command vehicle (253).
Gun Sect: 2 Sturmgeschütz (142); 1 armored ammo carrier (252); 1 trailer (ammo).
Bty Maint Sect: 1 mcl w/sc; 1 car (2/40); 2 trucks (medium).
Bty Trains: 1 mcl; 1 car (1); 2 trucks (light); 1 truck (2-ton); 5 trucks (medium); 5 trucks (medium).
- KStN 445 *) Independent Assault Gun Battery**
1.02.1941
Bty Hqs: 4 mcl; 1 mcl w/sc; 1 car (15); 1 armored command vehicle (253).
Signal Det: 3 Lt Radio Sect: 1 car (2).
1 Lt Tele Sect *d*: 1 car (15).
3 StuG Plt: Hqs Sect: 1 mcl; 1 armored command vehicle (253).
Gun Sect: 2 Sturmgeschütz (142); 1 armored ammo carrier (252); 1 trailer (ammo).
Bty Maint Sect: 1 mcl w/sc; 1 car (2/40); 3 trucks (medium); 1 halftrack (9); 1 trailer (light tank).
Bty Trains: 1 mcl; 1 car (1); 3 trucks (light); 1 truck (2-ton); 5 trucks (medium); 5 trucks (medium).
- KStN 446 *) Assault Gun Battery**
18.04.1941
Bty Hqs: 3 mcl; 1 mcl w/sc; 1 car (15); 1 Sturmgeschütz (142).
Signal Det: 3 Lt Radio Sect: 1 car (2).
1 Lt Tele Sect *d*: 1 car (15).
3 StuG Plt: Hqs Sect: 1 mcl; 1 car (15).
Gun Sect: 2 Sturmgeschütz (142); 1 armored ammo carrier (252); 1 trailer (ammo).
Bty Maint Sect: 2 mcl w/sc; 1 car (2/40); 2 trucks (medium).
Bty Trains: 1 mcl; 1 car (1); 2 trucks (light); 1 truck (2-ton); 5 trucks (medium); 5 trucks (medium).

NOTES:

The 1.02.1941 KStN 445 authorized batteries with 6 assault guns each, with an armored command vehicle for the battery commander and platoon leaders. A new KStN 446 dated 18.04.1941 authorized a 7th Sturmgeschütz for the battery commander, and deleted the 4 armored command vehicles. Not all batteries were converted to this new KStN by 22.06.1941.

Both KStN foresaw the possibility of the battery being independent, and authorized additional vehicles to compensate for the lack of the battalion maintenance detachment and the battalion trains.

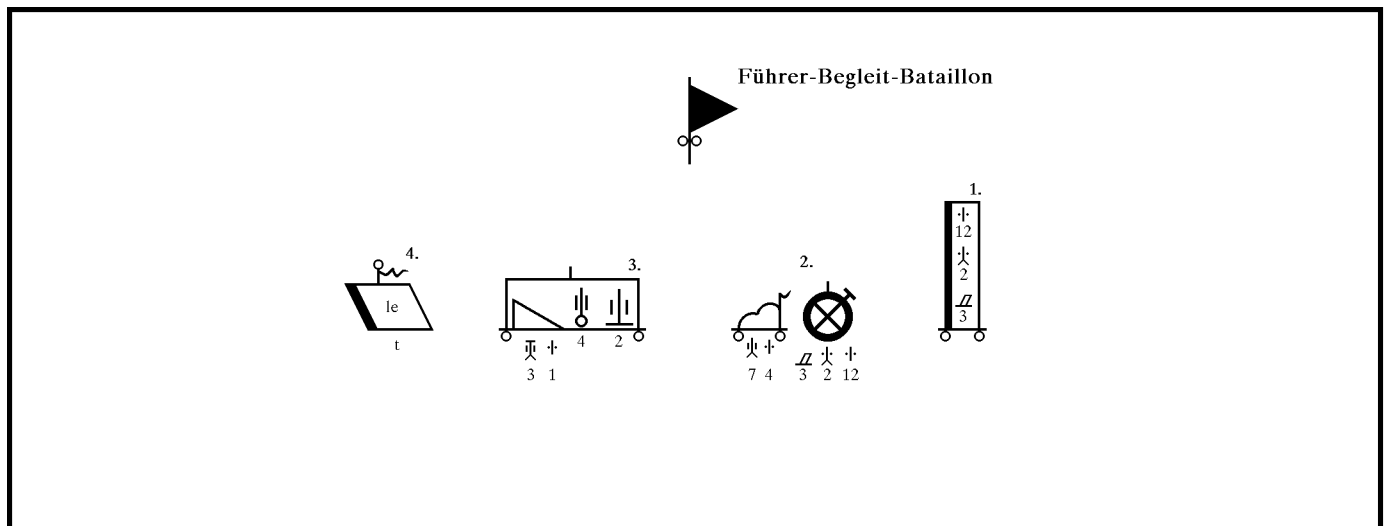
<i>Specifications for the Sturmgeschütz (Sd.Kfz. 142):</i>	
Designation:	Gepanzerter Selbstfahrlafette für Sturmgeschütz 7,5cm Kanone (StuG III)
Manufactured by:	Alkett
Introduced:	1940
Main gun caliber:	75mm
Barrel length:	L/24
Range:	6,200 meters at 20° elevation
Projectile weight:	between 4.8 and 6.8 kilos
Elevation:	-10° / +20° from horizontal
Traverse:	24° from center
Rate of Fire:	6 to 8 rounds per minute
Vehicle weight:	20,200 kilos
Vehicle speed:	40 km/h

The Headquarters, 600th Assault Artillery Battalion was merely an administrative headquarters for the five independent batteries, and had no headquarters battery. The five batteries could and did operate away from this headquarters.

There were 11 Assault Gun Battalions, 5 independent Assault Gun Batteries, and 1 independent Headquarters, Assault Artillery Battalion (Stab, Sturmartillerie Abteilung zbV 600) on 22.06.1941.

184. Abt	VIIIth Corps, 9th Army, Army Group Center
185. Abt	Ist Corps, 18th Army, Army Group North
190. Abt (-)	11th Army Reserves, Army Group South
1./190. Abt	XIth Corps, 11th Army, Army Group South
191. Abt	IIIrd Mot Corps, 1st Panzer Group, Army Group Center
192. Abt	XIIth Corps, 2nd Panzer Group, Army Group Center
197. Abt	XXXXVIIIth Mot Corps, 1st Panzer Group, Army Group South
201. Abt	XIIth Corps, 2nd Panzer Group, Army Group Center
203. Abt	VIIth Corps, 4th Army, Army Group Center
210. Abt	XXth Corps, 9th Army, Army Group Center
226. Abt	IXth Corps, 4th Army, Army Group Center
243. Abt	IVth Corps, 17th Army, Army Group South
600. Abt zbV	IInd Corps, 16th Army, Army Group North
659. Btr (indep)	(600. Abt zbV), IInd Corps, 16th Army, Army Group North
660. Btr (indep)	(600. Abt zbV), IInd Corps, 16th Army, Army Group North
665. Btr (indep)	XXVIIIth Corps, 16th Army, Army Group North
666. Btr (indep)	(600. Abt zbV), IIth Corps, 16th Army, Army Group North
667. Btr (indep)	XXVIIIth Corps, 16th Army, Army Group North

FÜHRER-BEGLEIT-BATAILLON
Führer Escort Battalion



- KStN 114 *) Headquarters, Führer-Begleit Battalion**
 1.09.1939
 Bn Hqs: 3 mcl; 2 mcl w/sc; 2 cars (15); 1 car (21).
 Signal Det: Hqs Sect: 1 mcl; 2 cars (15).
 2 Lt Tele Sect *c*: 1 car (15).
 2 Pack Radio Sect *d*: 1 car (2).
 2 Lt Radio Sect *b*: 1 van (17).
- KStN 137 *) 1st (Infantry) Company (motorized), Führer-Begleit Battalion**
 1.11.1939
 Co Hqs: 2 mcl; 2 mcl w/sc; 1 car (12); 1 car (18).
 MG Det: 1 truck (3-ton); 2 HMG.
 3 Inf Plt: Hqs Sect: 2 mcl; 1 car (15); 1 car (18).
 4 Inf Sqd: 1 truck (3-ton); 1 Infantry Squad w/ 1 LMG.
 1 Mortar Sect: 2 mcl w/sc; 1 mortar (50mm).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 mcl; 1 mcl w/sc; 1 car (light); 12 trucks (medium).
- KStN 141 *) 2nd (Motorcycle Infantry) Company, Führer-Begleit Battalion**
 1.11.1939
 Co Hqs: 2 mcl; 2 mcl w/sc; 1 car (12); 1 car (18).
 3 Inf Plt: Hqs Sect: 2 mcl; 1 car (15); 1 car (18).
 4 Inf Sqd: 3 mcl w/sc; 1 Infantry Squad w/ 1 LMG.
 1 Mortar Sect: 2 mcl w/sc; 1 mortar (50).
 HMG Det: 10 mcl w/sc; 2 HMG.
 AC Plt: 4 AC (222); 3 AC (223).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (medium).
 Co Trains: 1 mcl; 1 mcl w/sc; 1 car (light); 11 trucks (medium).
- KStN 193 *) 3rd (Heavy) Company (motorized), Führer-Begleit Battalion**
 1.09.1939
 Co Hqs: 2 mcl; 2 mcl w/sc; 1 car (12); 1 car (18).
 Lt IG Plt: Hqs Sect: 1 mcl; 1 car (12).
 Lt Tele Sect: 1 car (15).
 Ammo Sect: 2 cars (12); 2 trailers (ammo).
 Gun Sect: 2 cars (12); 2 IG (75mm - towed).
 Lt AA Plt: Hqs Sect: 3 mcl; 2 cars (15).
 Pack Radio Sect: 1 car (2).
 Ammo Sect: 2 trucks (81).
 Gun Sect: 4 trucks (81); 4 AA guns (20mm Flak 38 -towed).
 Lt ATG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (12).
 Ammo Sect: 3 cars (12); 2 trailers (ammo); 1 LMG.
 Gun Sect: 3 cars (12); 3 ATG (37mm -towed).
 Ammo Det: 4 trucks (medium)
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40); 2 trucks (medium).
 Co Trains: 1 mcl; 1 mcl w/sc; 1 car (light); 4 vans (medium); 11 trucks (medium).
- KStN 1171(Sd) 4th (Tank) Company, Führer-Begleit Battalion**
 1.02.1941
 Hqs Sect: 3 mcl; 1 car (15); 2 Pz-38(t).
 Lt Tank Plt: 5 Pz-II (121).
 3 Med Tank Plt: 5 Pz-38(t).
 Co Maint Sect: 3 mcl w/sc; 1 car (2/40); 1 truck (3-ton); 2 halftracks (10).
 Co Trains: 2 mcl w/sc; 1 car (15); 3 trucks (2-ton); 1 truck (medium); 9 trucks (3-ton).

NOTES:

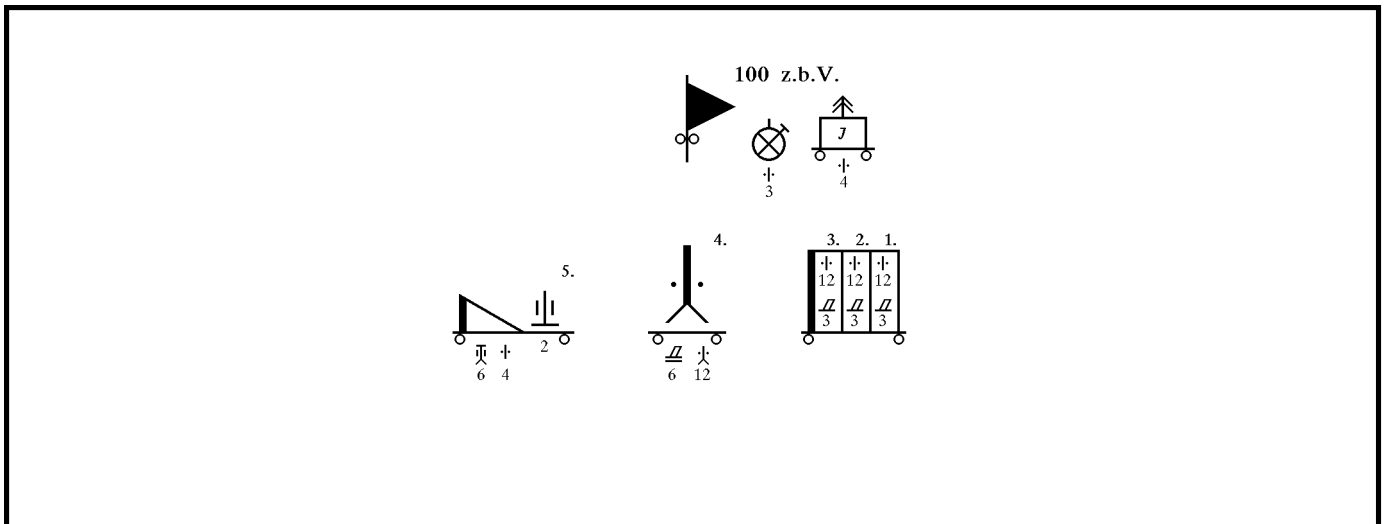
This battalion, a sister unit of the Gross-Deutschland Infantry Regiment, was charged with guarding the Führer Headquarters, and, as the name indicated, escorting him when he was away from his headquarters.

Although in all appearances only a watch/guard unit, the FBB was manned by elite troops, specially selected for the unit. In September 1941, most of the battalion was sent to the East Front (known as Kampfgruppe Nehring). Throughout the war, this battalion was frequently sent to the East Front, particularly when the situation was critical. It was eventually increased to regiment, then brigade, and lastly to division size.

Status on 22.06.1941

Commanding Officer:	Oberstleutnant (Lieutenant Colonel) Kurt Thomas
Raised:	1.10.1939
Home Wehrkreis:	III
Assigned to:	Führerhauptquartier (<i>Wolfschanze</i>) East Prussia

INFANTRIE-BATAILLON 100 (motorisiert) zur besonderer Verwendung
100th Special Infantry Battalion (motorized)



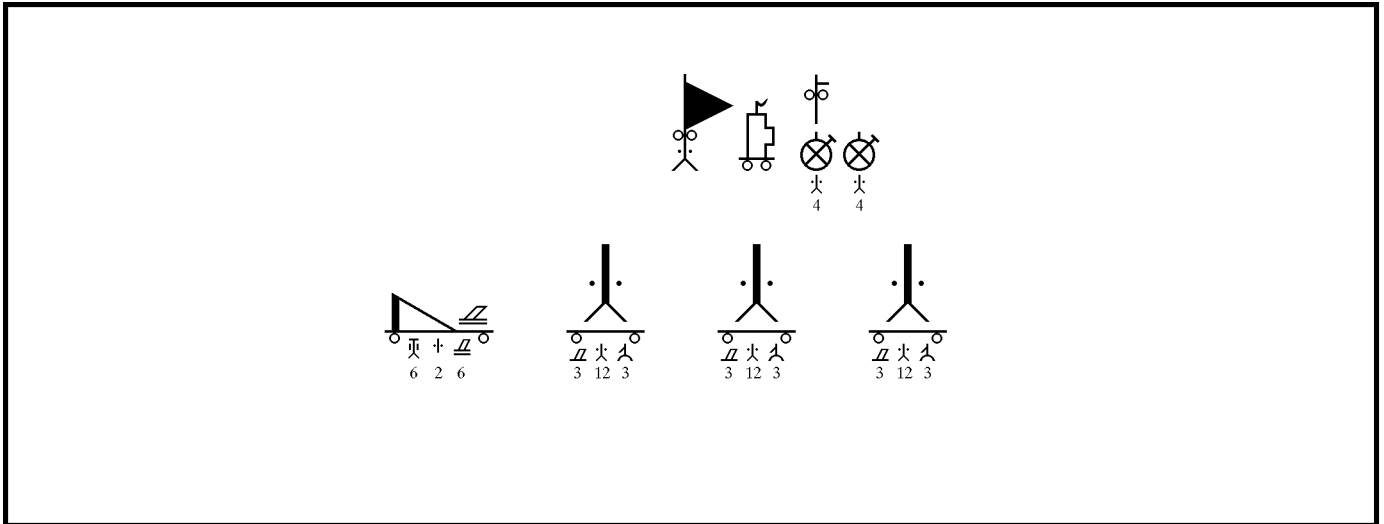
- KStN 115c *) Headquarters, Infantry Battalion (motorized)**
 1.02.1941
 Bn Hqs: 4 mcl; 2 mcl w/sc; 1 car (1); 2 cars (15).
 Signal Det: Hqs Sect: 1 car (15); 1 truck (2-ton).
 1 Lt Tele Sect *d*: rides in Headquarters Section truck (2-ton).
 2 Pack Radio Sect *d*: 1 car (2).
 2 Pack Radio Sect *d*: ride in Headquarters Section truck (2-ton).
 Bn Maint Det: 1 mcl w/sc; 1 car (light); 1 car (2/40); 1 truck (light); 2 trucks (3-ton).
 Bn Trains: 1 mcl; 1 mcl w/sc; 3 cars (light); 1 truck (light); 4 trucks (medium); 6 trucks (3-ton); 1 ambulance (31).
- KStN 196 *) Infantry Engineer Platoon (motorized)**
 1.04.1940
 Plt Hqs: 1 mcl; 1 mcl w/sc; 1 car (12).
 4 Engr Sect: 1 mcl; 2 trucks (3-ton); 1 Engineer Section w/ 1 LMG.
 1 Support Sect: 2 trucks (3-ton); 1 trailer (compressor).
- KStN 147 Motorcycle Reconnaissance Platoon**
 1.02.1941
 Plt Hqs: 3 mcl; 1 car (1); 1 car (18).
 3 Sect: 8 mcl; 1 mcl w/sc; 1 LMG.
- KStN 138c *) Infantry Company (motorized)**
 1.02.1941
 Co Hqs: 3 mcl; 2 mcl w/sc; 1 car (15).
 3 Inf Plt: Hqs Sect: 1 mcl.
 4 Inf Sqd: 1 truck (3-ton); 1 Infantry Squad w/ 1 LMG.
 1 Mortar Sect: 1 mortar (50mm); rides with one of the Infantry Squads.
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 1 truck (light); 2 trucks (medium).
- KStN 161c *) Machine Gun Company (motorized)**
 1.02.1941
 Co Hqs: Hqs Sect: 3 mcl; 2 mcl w/sc.
 2 Lt Tele Sect: 1 car (15).
 2 HMG Plt: Hqs Sect: 1 mcl w/sc; 1 car (15).
 3 HMG Det: 1 truck (3-ton); 2 HMG.
 1 Mortar Plt: Hqs Sect: 1 mcl; 1 car (11).
 3 Mortar Sect: 2 trucks (3-ton); 2 mortars (81mm).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 1 truck (light); 2 trucks (medium).
- KStN 184c Infantry Anti-Tank Company (motorized)**
 31.01.1941
 Co Hqs: 4 mcl; 2 mcl w/sc; 1 car (12).
 2 ATG Plt: Hqs Sect: 3 mcl; 1 mcl w/sc; 2 cars (12).
 Gun Sect: 4 trucks (69); 3 ATG (37mm – towed); 1 trailer (ammo); 1 LMG.
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 mcl w/sc; 1 car (light); 1 truck (light); 2 trucks (3-ton).
- ex **KStN 176 *)**
 1.02.1941
 1 Lt IG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (12).
 Gun Sect: 3 trucks (69); 2 IG (75mm – towed).

NOTES:

The Infanterie-Bataillon (mot) zbV 100 was raised on 29.10.1939 in WK VIII for the special mission of assaulting Fort Eben Emael in Belgium in conjunction with the paratroopers. At that time, it had 3 infantry and 1 heavy companies. On 8.03.1941, the battalion was motorized, and on 28.05.1941 the above organization authorized.

On 22.06.1941, the 100th Special Infantry Battalion (motorized) was Army Group D Reserves in the West. On 30.09.1941, it was amalgamated into the 129th Motorized Infantry Regiment of the 22nd Panzer Division being raised in France.

MASCHINENGEWEHR-BATTAILON (motorisiert)
Machine Gun Battalion (motorized)



KStN 120
1.02.1941

Headquarters, Machine Gun Battalion (motorized)

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

Ammo Det: 4 trucks (light).

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

Bn Trains: 2 mcl w/sc; 3 trucks (light); 4 truck (2-ton); 2 truck (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 (2/2).

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).

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

Co Trains: 2 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: 6 cars (12); 6 trailers (ammo).

3 Mortar Sect: 1 mcl; 3 cars (12); 2 mortars (81mm).

Co 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 very lavishly equipped with heavy machine guns. In addition, they often had additional units attached, such as engineer or anti-tank companies, to provide support and assistance in the construction of road blocks, fortifications, minefields, etc.

Initially, the motorized MG battalions all had three MG companies and one anti-tank company each. In 1941, a mortar platoon was added to the anti-tank company, resulting in the organization depicted above.

The Germans raised nine motorized MG battalions in 1935 (1. – 9.). Two were raised in 1937 (10. & 11.), and another three in 1938 (13. – 15.). In total, there were never more than fourteen motorized MG battalions. Of these, six (1., 3., 6., 7., 11., 15.) were converted to motor cycle infantry battalions for the new mechanized divisions in late 1940.

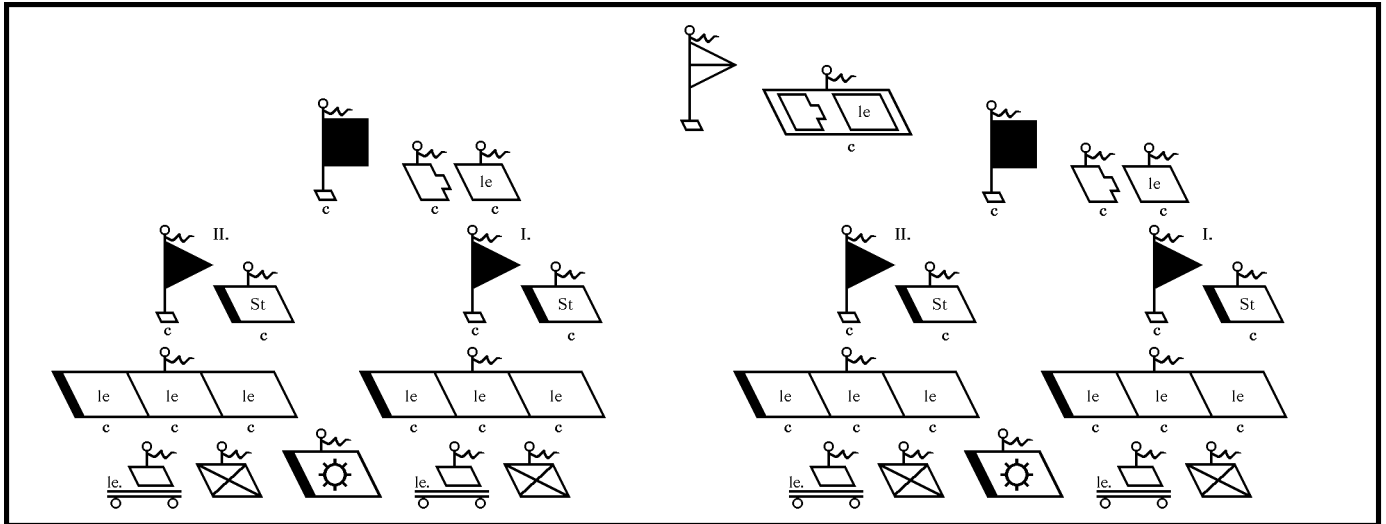
Two, the 2. and 8. MG-Bataillon had been sent to Libya in February 1941, (which was originally supposed to have been a defensive holding action until

Rommel decided otherwise). The Headquarters Company of each battalion had one HMG platoon equipped with VW's instead of motorcycle combinations (in the ratio of 1 VW to 1 motorcycle combination). One of the MG Companies in each battalion was equipped with 10 medium armored half-tracks (m SPW). These two battalions were later converted to motorized infantry battalions (2nd became III./115. and 8th became I./104. Schützen-Regiment).

There were 8 MG Battalions (mot) on 22.06.1941.

2. 5th Light Mechanized Division, German Africa Corps (D.A.K.)
4. Norway Mountain Corps, Norway Army
5. 2nd Panzer Group Reserves, Army Group Center
8. 5th Light Mechanized Division, German Africa Corps (D.A.K.)
9. Army Group South Reserves
10. 291st Infantry Division, 18th Army, Army Group North
13. Norway Mountain Corps, Norway Army
14. Norway Mountain Corps, Norway Army

HEERES-PANZER-BRIGADE
Independent Tank Brigade



- KStN 56 *) Headquarters, Independent Tank Brigade**
1.04.1941 Brig Hqs: 6 mcl; 4 mcl w/sc; 2 cars (medium-cc); 1 car (heavy-cc).
- KStN 1152c Headquarters Company, Independent Tank Brigade**
1.05.1941 Hqs Det: 2 mcl; 1 car (15).
Co Maint Sect: 1 mcl w/sc; 1 car (light-cc as Kfz. 2/40); 1 truck (medium-cc).
Co Trains: 1 car (light); 2 trucks (light).
- KStN 1190c Signal Plt:**
10.04.1941 Hqs Sect: 1 mcl w/sc; 1 car (medium-cc); 1 truck (light-cc).
Armd Radio Det: 1 Bef-Pz-III (267); 3 Bef-Pz-35 S(f).
3 Lt Radio Sect e: 1 van (light-cc as Kfz. 17).
2 Hvy Tele Sect a: 1 car (light-cc as Kfz. 2); 1 van (light-cc as Kfz. 23).
- KStN 1168c Lt Tank Plt:**
1.02.1941 1 mcl w/sc; 4 Pz-38 H(f); 1 Pz-35 S(f); 1 truck (light-cc).
- KStN 1103c Headquarters, Tank Regiment**
1.02.1941 Rgt Hqs: 4 mcl; 2 mcl w/sc; 3 cars (medium-cc); 1 car (heavy-cc).
Lt Tank Plt: 1 mcl w/sc; 4 Pz-38 H(f); 1 Pz-35 S(f).
Signal Plt: Hqs Sect: 1 mcl w/sc; 1 car (light); 1 car (medium-cc as Kfz. 15); 1 Pz-38 H(f).
Armd Radio Det: 2 Bef-Pz-35 S(f).
2 Lt Radio Sect c: 1 car (medium-cc as Kfz. 15).
Rgt Hqs Maint Sect: 1 mcl w/sc; 1 car (light-cc as 2/40); 1 truck (medium-cc).
Rgt Hqs Trains: 1 car (light-cc); 1 car (medium-cc); 2 trucks (light); 2 trucks (light-cc); 2 trucks (medium-cc).
- KStN 1187 *) Motorized Tank Maintenance Company**
1.02.1941 Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (light).
2 Workshop Plt: 1 mcl w/sc; 1 car (light); 2 tucks (light-cc); 2 trucks (medium-cc); 5 halftracks;
1 trailer (generator); 2 trailers (10-ton/light tanks); 4 trailers (22-ton/medium tank).
Recovery Det: 1 mcl w/sc; 1 car (1); 1 motor crane (3-ton lifting capacity); 3 halftracks; 2 trailers (10-ton/light tank).
Signal Maint Sect: 2 trucks (light-cc); 1 van (medium-cc as Kfz. 42); 1 trailer (generator).
Co Trains: 1 mcl w/sc; 1 car (light); 3 trucks (medium).
- KStN 1107c Headquarters, Tank Battalion**
1.02.1941 Bn Hqs: 2 mcl; 2 mcl w/sc; 1 car (light); 3 cars (medium-cc).
Bn Trains: 1 mcl; 1 car (light); 2 cars (medium-cc); 1 truck (light).
- KStN 1150c Headquarters Company, Tank Battalion**
1.02.1941 Co Hqs: 3 mcl; 1 car (medium-cc).
Lt Tank Plt: 1 mcl w/sc; 4 Pz-38 H(f); 1 Pz-35 S(f).
Signal Plt: Hqs Sect: 1 mcl; 3 cars (medium-cc as Kfz. 15).
Armd Radio Det: 2 Bef-Pz-35 S(f); 1 Bef-Pz-38 H(f).
2 Lt Radio Sect c: 1 car (medium-cc as Kfz. 15).
Scout Plt: Hqs Sect: 3 mcl; 1 car (light-cc).
4 Sect: 1 mcl; 2 mcl w/sc; 1 LMG.
Engr Plt: Hqs Sect: 1 mcl; 1 car (medium-cc).
3 Sect: 1 truck (medium-cc); 1 Engineer Section w/ 1 LMG.
1 Sect: 1 truck (medium-cc); 1 Engineer Section.
AA Plt: 1 mcl; 4 AA car (4 with dual MG).
Co Maint Sect: 1 mcl w/sc; 1 car (light-cc as Kfz. 2/40); 1 truck (medium-cc).
Bn Trains: 2 cars (light-cc); 1 car (medium-cc); 11 trucks (medium-cc);
1 ambulance (medium van-cc); 1 armored halftrack ambulance.
- KStN 1178 (Sd) Reserve Tank Detachment**
1.02.1941 Det: 1 mcl w/sc; 2 Pz-35 S(f); 4 Pz-38 H(f).
- KStN 1183 (Sd) Motorized Light Transport Column, Tank Battalion**
1.02.1941 Col Hqs: 1 mcl; 1 mcl w/sc; 1 car (medium-cc as Kfz. 15).
3 Transport Sect: 8 trucks (medium-cc).
Col Maint Sect: 1 mcl w/sc; 1 car (light-cc as Kfz. 2/40).
Col Trains: 2 trucks (light).
- KStN 1171c Light Tank Company**
1.04.1941 Co Hqs: 2 mcl; 1 mcl w/sc; 1 car (medium-cc); 2 Pz-35 S(f).
3 Tank Plt: 4 Pz-38 H(f); 1 Pz-35 S(f).
Co Maint Sect: 3 mcl w/sc; 1 car; 1 car (light-cc as Kfz. 2/40);
1 truck (medium-cc); 1 halftrack.
Co Trains: 1 mcl; 1 car (light-cc); 1 car (medium-cc); 12 trucks (medium-cc).

NOTES:

The brigades administered, trained, and raised armored units in France, using French motor vehicles and equipment. The suffix "-cc" indicates a cross-country vehicle.

Pz-35 S(f) modified French Somua Char 1935-S.
Bef-Pz-35 S(f) same vehicle converted to a command tank.
Pz-38 H(f) modified French Hotchkiss Char 1938-H.
Bef-Pz-38 H(f) same vehicle converted to a command tank.

The 101st Tank Brigade's regiments were forming on 22.06.1941 (its regiments had only one tank company each on that date), and were officially raised on 5.07.1941.

The 100th Tank Brigade also administered the *Panzer-Kompanie Paris* (5 platoons of Renault 35). It which was stationed in and around Paris for security duties. There was no official published KStN for the company at this time.

Status on 22.06.1941:

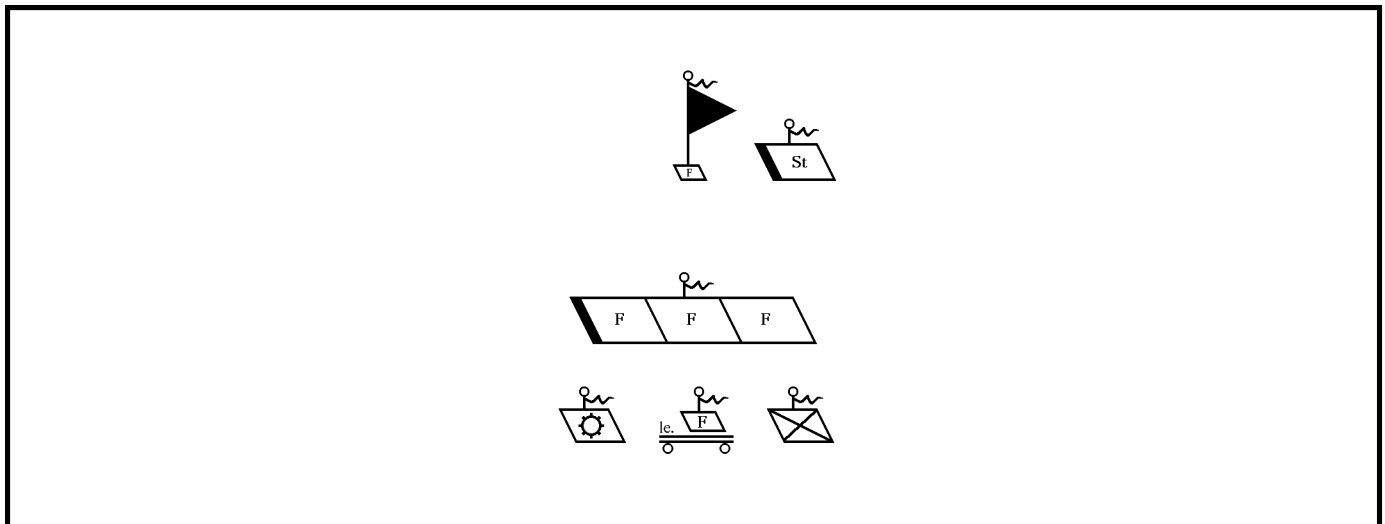
100. Heeres-Panzer-Brigade

CO: Generalmajor (Brig. Gen.) Johann Haarde
Raised: 1.03.1941
Assigned: Ob. West direct (at Versailles)
Pz. Rgts.: 201st (raised: 1.12.1940)
202nd (raised: 10.02.1941)

101. Heeres-Panzer-Brigade

CO: Oberst (Colonel) Botho Elster
Raised: 18.06.1941
Assigned: Ob. West direct (at Mailly-le-Camp)
Pz. Rgts.: 203rd (raised: 5.07.1941)
204th (raised: 5.07.1941)

FLAMMPANZER-ABTEILUNG
Flame Tank Battalion



- KStN 1110**
1.02.1941
Headquarters, Flame Tank Battalion
Bn Hqs: 5 mcl; 2 mcl w/sc; 1 car (light); 3 cars (15).
Bn Hqs Trains: 1 mcl w/sc; 1 car (light); 1 car (15); 1 truck (light).
- KStN 1151**
1.02.1941
Headquarters Company, Flame Tank Battalion
Co Hqs: 3 mcl; 1 car (15).
Tank Plt: 1 car (1); 5 Pz-III (141).
Signal Plt: Hqs Sect: 1 mcl; 1 car (15 w/ 1 Lt Radio Sect c); 1 Pz-II (121).
1 Armd Radio Sect: 1 Bef-Pz-III (266).
2 Armd Radio Sect: 1 Pz-II (121).
2 Lt Tele Sect c: 1 car (15).
Scout Plt: Hqs Sect: 3 mcl; 1 car (1).
4 Sect: 1 mcl; 2 mcl w/sc; 1 LMG.
Engr Plt: Hqs Sect: 1 mcl; 1 car (15).
3 Sect: 1 halftrack (10); 1 Engineer Section w/ 1 LMG.
1 Sect: 1 halftrack (10); 1 Engineer Section.
AA Plt: 4 AA car (4 with dual MG).
Bn Maint Sect: 1 mcl w/sc; 1 cars (2/40); 1 truck (3-ton).
Bn Trains: 3 mcl w/sc; 2 cars (light); 1 car (15); 5 trucks (2-ton); 6 trucks (3-ton); 1 ambulance (31); 1 armored ambulance (251/8).
- KStN 1179**
1.02.1941
Vehicle Reserve Detachment, Flame Tank Battalion
Det: 1 mcl w/sc; 2 Pz-II (121); 6 Flamm-Pz-II (122).
- KStN 1188 *)**
29.02.1940
Motorized Light Transport Column, Flame Tank Battalion
Col Hqs: 3 mcl; 4 mcl w/sc; 1 car (15).
3 Transport Sect: 8 trucks (3-ton).
Col Maint Sect: 1 mcl w/sc; 1 car (2/40).
Col Trains: 1 mcl w/sc; 2 trucks (light).
- KStN 1185 *)**
1.02.1941
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 (generator); 1 trailer (arc welding).
Signal Maint Sect: 1 truck (light); 2 vans (42); 1 trailer (generator).
Recovery Det: 1 mcl w/sc; 1 car (1); 1 motor crane (3-ton capacity); 3 halftracks (7); 2 trailers (10-ton/light 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).
- KStN 1177**
1.02.1941
Flame Tank Company
Co Hqs: 2 mcl; 1 mcl w/sc; 1 car (15); 2 Pz-II (121).
3 Flame Plt: 1 car (1); 4 Flamm-Pz-II (122).
1 Tank Plt: 1 car (1); 5 Pz-II (121).
Co Maint Sect: 3 mcl w/sc; 1 car (2/40); 1 truck (3-ton); 2 halftracks (10).
Co Trains: 3 mcl w/sc; 1 car (15); 2 trucks (light); 1 truck (medium); 10 trucks (3-ton); 1 truck (heavy).
- KStN 1176 *)**
30.05.1941
Heavy Tank Company
Co Hqs: 2 mcl; 1 mcl w/sc; 1 car (medium-cc); 3 Char B(f).
3 Flame Plt: 1 car (light-cc); 4 Pz-Char B(f) Flamm.
Co Maint Sect: 3 mcl w/sc; 1 car (light-cc as 2/40); 2 trucks (medim-cc); 2 halftracks.
Co Trains: 3 mcl w/sc; 1 car (medium); 2 trucks (light); 10 trucks (medium-cc).

NOTES:

A total of 43 Pz-II, Ausf. D and E were converted to Flammpanzer, and another 112 were purpose-built between May 1940 and January 1942. By 1.06.1941, only 85 based on the D version, and 5 of the E version had been accepted.

The Flammpanzer II was based on the Pz-II chassis, but the turret was replaced by a smaller one mounting an MG. Two smaller turrets were affixed on the front right and left fenders. Two fuel tanks, each containing 160 liters of flame oil, were located within the hull, providing a total of 160 bursts of 2 to 3 seconds each. Behind the small turrets, on top of the fenders and alongside the superstructure, were armored tanks (two to a side) of compressed Nitrogen to propel the flame oil jet. The small turrets could be swivelled 90°, as well as up and down to a limited degree from within the tank. They were normally fixed forward horizontally. For particularly tenacious targets, flame oil was sprayed over the target and then ignited. The total bursts was reduced accordingly. The three man crew took about one hour to refill the tanks and to recharge the bottles of compressed Nitrogen in the field, and about half that at base.

Flame tanks were used to combat enemy troops in positions where the regular tanks were ineffective. Their preferred use took place under the covering fire of tanks or heavy weapons. The prior elimination or total suppression of all enemy armor and anti-tank guns from the battlefield was imperative, as the Flammpanzer were extremely vulnerable owing to their highly inflammable load and thin armor. They also lacked a main gun. The

flame tanks were used against living targets and other flammable targets at close range, or out to a maximum of 30 to 35 meters.

The 100. and 101. Flamm-Panzer-Abteilung had 3 companies each with KStN 1177. On 18.05.1941 the Pz-III Tank Platoon was added to the Headquarters Companies.

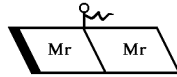
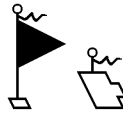
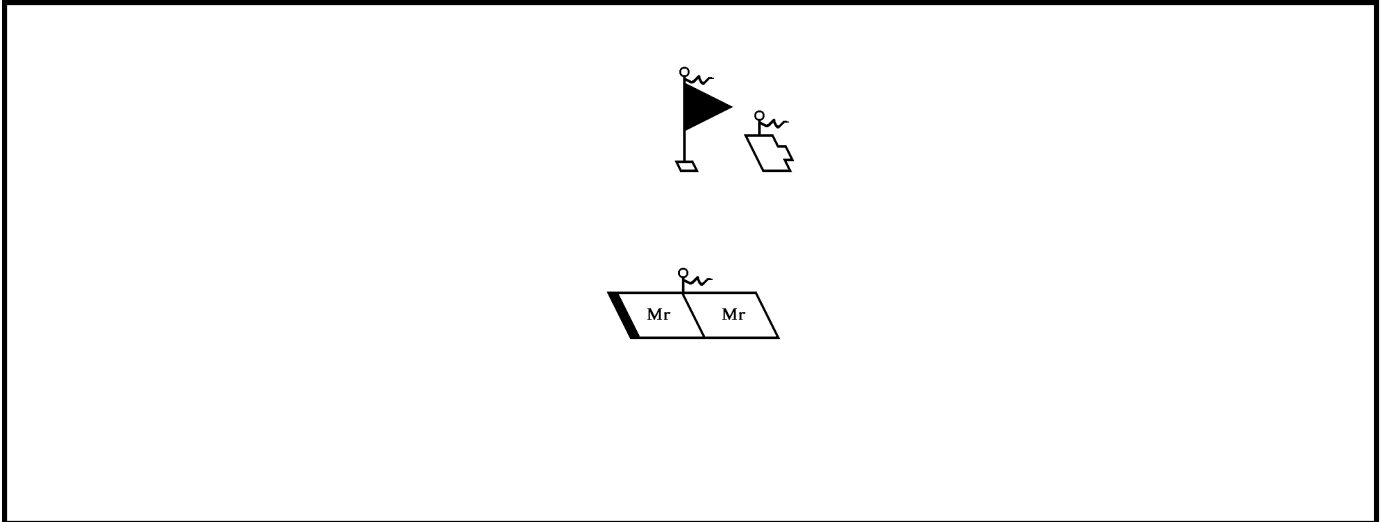
The 102. Flamm-Panzer-Abteilung had 2 heavy companies – the word “flame” was not included in the designation – using KStN 1176. It had no Headquarters Company or Vehicle Reserve Detachment. The entire battalion was equipped with French vehicles. The Char B(f) and Char B(f) Flamm were modified French Car B1 *bis* tanks, the latter with a flame thrower instead of the hull gun. The turret gun was kept.

There were three Flame Tank Battalions on 22.06.1941.

100. XXXXVIIIth Mot Corps, 2nd Panzer Group, Army Group Center
Strength: 25 Pz-II, 42 Flamm-Pz, 5 Pz-III, 1 Bef-Pz-III, 9 Pz-A13(e) †
101. XXXIXth Mot Corps, 3rd Panzer Group, Army Group Center
Strength: 25 Pz-II, 42 Flamm-Pz, 5 Pz-III, 1 Bef-Pz-III
102. IVth Corps, 17th Army, Army Group South
(Report not found)

† The Pz-A13(e) were captured British Mark IV (A13) cruiser tanks.

MINENRÄUM-ABTEILUNG
Armored Mine-Clearing Battalion



KStN 1107a Headquarters, Armored Mine-Clearing Battalion

1.02.1941

Bn Hqs: 4 mcl; 1 mcl w/sc; 1 car (2); 2 cars (15).

Signal Plt: Hqs Sect: 1 car (15); 3 Pz-I (101).

Armd Radio Det: 2 Pz-Bef-I (265).

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

Maint Plt: 1 car (light); 1 bus (heavy/32 seats); 1 truck (3-ton); 1 van (79); 1 halftrack (8); 1 trailer (generator); 1 trailer (light tank).

Bn Trains: 1 mcl w/sc; 1 car (15); 2 trucks (2-ton); 5 trucks (3-ton); 1 ambulance (31).

Light Transport Column: 1 mcl; 2 cars (light); 3 trucks (medium); 3 trucks (2-ton); 3 trucks (3-ton).

KStN 1159 Armored Mine-Clearing Company

1.02.1941

Co Hqs: 2 mcl; 2 mcl w/sc; 1 car (15); 1 Pz-Bef-I (265).

3 Armd Plt: Hqs Sect: 1 mcl; 1 car (1).

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

1 AA Sect: 1 AA car (4 with dual MG).

3 Sect: 1 Bef-Pz-I (265); 3 Minenräumwagen (300); 3 trucks (4.5-ton); 1 trailer as loading ramp.

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

Plt Trains: 1 mcl w/sc; 1 car (light); 1 truck (2-ton); 1 truck (3-ton); 1 truck (heavy).

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

NOTES:

The German Army's concern with mechanized forces had not blinded them to the fact that minefields severely hampered mobile armored operations of any kind.

During World War II, it continually attempted to find a viable solution for a mine-clearing vehicle, which would be able to clear minefields quickly, safely and without undue loss of life, enabling the mechanized forces to continue to exploit their mobility.

The three types of the Minenräumwagen (all with the same *Sd.Kfz. 300* number) were produced by Borgward in 1940 as remote (radio) controlled vehicles for clearing mines.

The Minenräumwagen B I had a hull made of poured, unstressed concrete. It's three road wheels were protected by wood instead of rubber. It weighed about 1500 kilos, and, powered by a four-cylinder gasoline engine, had a top speed of only 5 km/h. It towed three little 2-wheel trailers (rollers) for the activation of mines behind it. Vehicle and rollers were considered expendable. Delivery of the Minenräumwagen started in January 1940 and by May 1940 all 50 vehicles produced had been accepted by the Army. The 1. Minenräum-Kompanie, code-named *Kompanie-Glienicke* – which had been raised under the Reserve Army by the Armored School at Wünsdorf for the OKH (German Army High Command) on an experimental basis – expended almost all of the B I Minenräumwagen in France while clearing minefields in the Maginot Line; the rest were used for various experiments.

The Minenräumwagen B II was still of concrete. It was longer, with four road wheels and one bogie, and a stronger, six-cylinder engine. Weight was up to 2300 kilos. Production started in July 1940, and 100 were delivered. As the towed 2-wheel rollers did not always bring the desired effect, the vehicle was alternatively loaded with a large explosive charge, guided to a specific target, (initially

minefields, but later also bunkers, bridges, etc.) and exploded. The Minenräumwagen B II were used in Russia during the summer 1941 in both capacities.

Borgward also produced the third vehicle, namely a prototype amphibious Minenräumwagen B II – unofficially called “Ente” (Duck) by the troops – of which at least three were delivered. Inside it was basically still a B II, but instead of concrete it had a mild steel hull. It was fitted with a propeller and two rudders at its stern. It was only used to deliver an explosive charge. The idea was not further explored. All three were successfully used in action by the 2./Minenräum-Abteilung 1 while crossing the Duna River in June 1941.

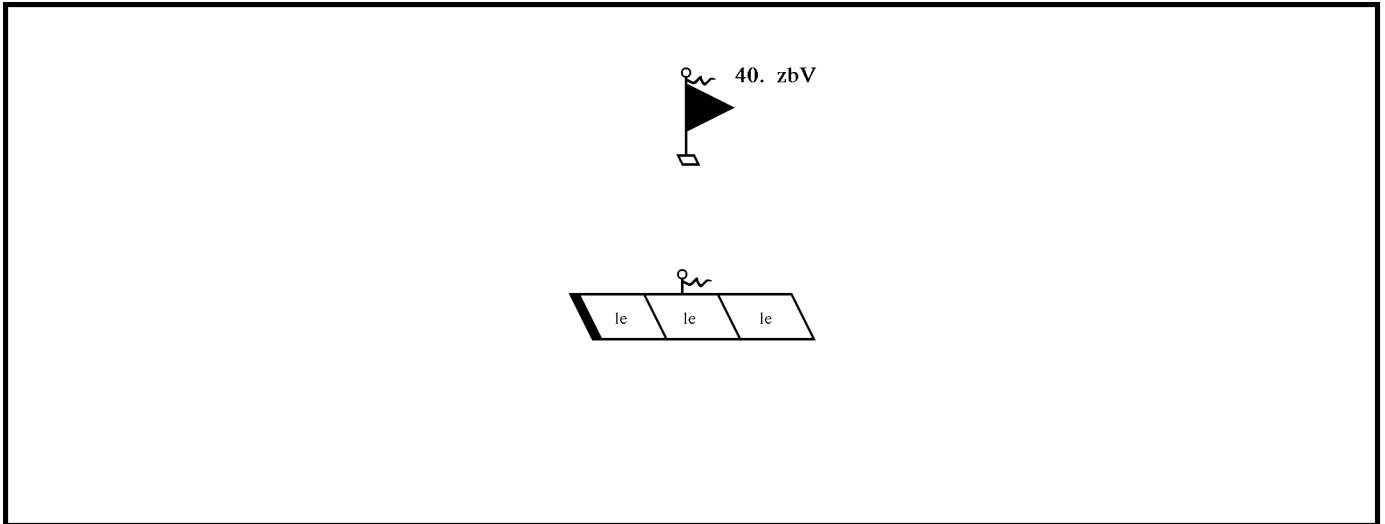
The Minenräumwagen were an experiment, and they were only briefly used in combat. Severe problems were encountered with the fusing mechanism, mechanical complications were frequent, and there were continuous technical problems with the remote control mechanism. Although the Minenräumwagen was inexpensive to manufacture, its speed and lack of any armor made it an easy victim of enemy fire. Further use of the Minenräumwagen for mine-clearing was considered as too problematical.

The Minenräumwagen were transported on the 4.5-ton trucks. Loading and unloading from the trucks of the Minenräumwagen was carried out by means of the wheeled loading ramp. Each platoon was, contrary to other organizations, also organized with its own supply and maintenance sections. These, in addition to the scout and AA units, allowed the platoons to operate independently.

The 1st Armored Mine-Clearing Battalion was raised on 1.12.1940 from the 1st Armored Mine-Clearing Company. It was an Engineer, not an Armored Arm unit.

On 22.06.1941, it was assigned to 9th Army Reserves, Army Group Center. The battalion was redesignated as the 300. Panzer-Abteilung zBv on 15.09.1941.

**40. PANZER-ABTEILUNG zur besonderer verwendung
40th Special Tank Battalion**



KStN 1107a
1.02.1941

Headquarters, Tank Battalion

Bn Hqs: 4 mcl; 1 mcl w/sc; 1 car (2); 2 cars (15).

Signal Plt: Hqs Sect: 1 car (15); 3 Pz-I (101).

Armd Radio Det: 2 Pz-Bef-I (265).

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

Maint Plt: 1 car (light); 1 bus (heavy/32 seats); 1 truck (3-ton); 1 van (79); 1 halftrack (8); 1 trailer (generator); 1 trailer (light tank).

Bn Trains: 1 mcl w/sc; 1 car (15); 2 trucks (2-ton); 5 trucks (3-ton); 1 ambulance (31).

Light Transport Column: 1 mcl; 2 cars (light); 3 trucks (medium); 3 trucks (2-ton); 3 trucks (3-ton).

KStN 1171 *)
1.10.1938

Light Tank Company

Co Hqs: 3 mcl; 1 car (15); 3 Pz-I (101); 2 Bef-Pz-I (265).

3 Tank Plt: 4 Pz-I (101); 1 Pz-II (121).

1 Tank Plt: 5 Pz-III (141).

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

Co Trains: 1 mcl; 1 car (light); 1 car (15); 1 truck (medium); 11 trucks (3-ton).

NOTES:

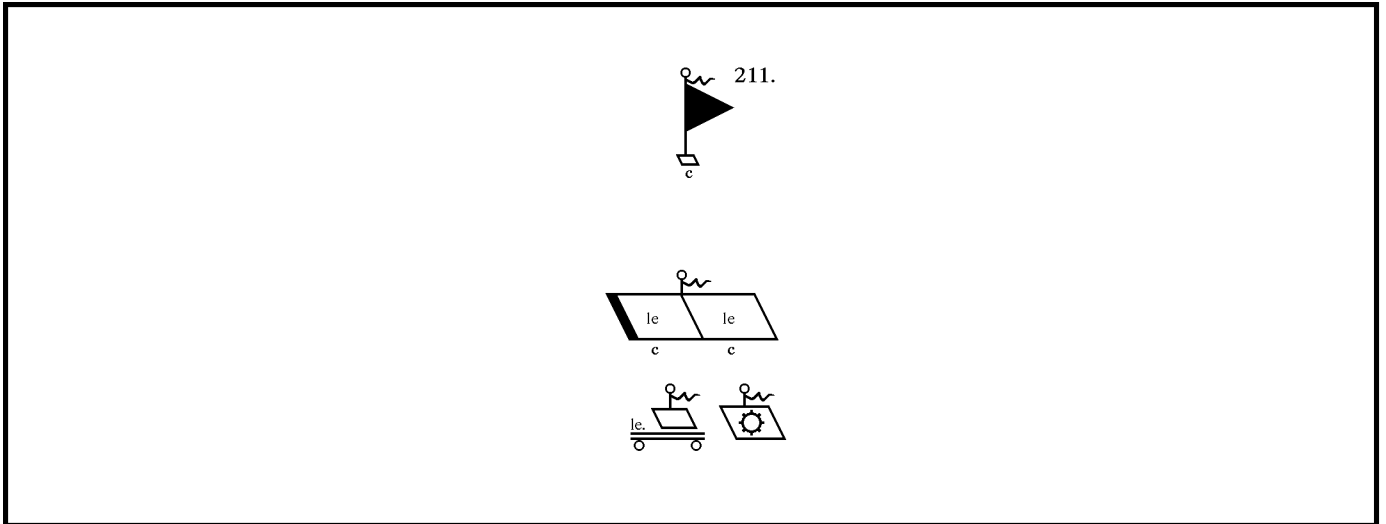
The Panzer-Abteilung z.b.V. 40 had been formed in March 1940 to provide the 11th Motorized Infantry Brigade with an armored element. It had participated in the 1940 Scandinavian Campaign in Denmark and Norway, and staying as part of the occupation forces. In 1941 it was ordered to Finland

The companies were never authorized to convert to later KStN. They maintained the kleine Befehls-Panzer (Sd.Kfz. 265), Panzer-I (Sd.Kfz. 101), Panzer-II (Sd.Kfz. 121), and Panzer-III (Sd.Kfz. 141). Even the Pz-III were old Ausführung D (Model D) tanks with 37mm L/46.5 guns, only 15mm armor, and with 8 and 6 road wheels. Old, outdated, but very effective against possible rioting civilians and lightly armed paratroops.

Panzer Abteilung (z.b.v.) 40 was committed in Finland during the 22 June 1941 attack. The battalion, (commanded by First Lieutenant K. von Heimendahl), less the 3rd Company, was XXXVI. Armeekorps reserve, and was initially committed to reinforce SS Nord's failing attack on Salla.

The 3rd Company (having 1 Pz-I, 2 Pz-II and 1 Bef-Pz-I in the Company Headquarters) was detached to the IIIrd Finnish Army Corps. In addition it also had a platoon of captured Soviet T-38 tankettes for rear security. The 3rd Company found itself heavily committed at several times. The Panzer-III were also all armed with 3,7cm guns.

**211. PANZER-ABTEILUNG
211th Tank Battalion**



KStN 1107c Headquarters, Tank Battalion

1.02.1941 Bn Hqs: 2 mcl; 2 mcl w/sc; 1 car (light); 3 cars (medium-cc).
Bn Trains: 1 mcl; 1 car (light); 2 cars (medium-cc); 1 truck (light).

KStN 1183 (Sd) Motorized Light Transport Column, Tank Battalion

1.02.1941 Col Hqs: 1 mcl; 1 mcl w/sc; 1 car (medium-cc as Kfz. 15).
3 Transport Sect: 8 trucks (medium-cc).
Col Maint Sect: 1 mcl w/sc; 1 car (light-cc as Kfz. 2/40).
Col Trains: 2 trucks (light).

KStN 1185 *) Motorized Tank Maintenance Platoon

1.02.1941 Plt Hqs: 1 mcl w/sc; 1 car (1).
Workshop Det: 9 trucks (medium-cc); 1 van (medium-cc as Kfz. 79); 1 bus (medium/22 seats);
1 trailer (generator); 1 trailer (arc welding).
Signal Maint Sect: 1 truck (light); 2 vans (medium-cc as Kfz. 42); 1 trailer (generator).
Recovery Det: 1 mcl w/sc; 1 car (1); 1 motor crane (3-ton lifting capacity); 3 halftracks; 2 trailers (10-ton/light tank).
Armorer Sect: 1 mcl w/sc; 1 car (medium-cc as Kfz. 15); 2 trucks (medium).
Plt Trains: 1 mcl w/sc; 1 car (light); 3 trucks (medium).

KStN 1171c Light Tank Company

1.04.1941 Co Hqs: 2 mcl; 1 mcl w/sc; 1 car (medium-cc); 2 Pz-35 S(f).
3 Tank Plt: 4 Pz-38 H(f); 1 Pz-35 S(f).
Co Maint Sect: 3 mcl w/sc; 1 car; 1 car (light-cc as Kfz. 2/40); 1 truck (medium-cc); 1 halftrack.
Co Trains: 1 mcl; 1 car (light-cc); 1 car (medium-cc); 12 trucks (medium-cc).

NOTES:

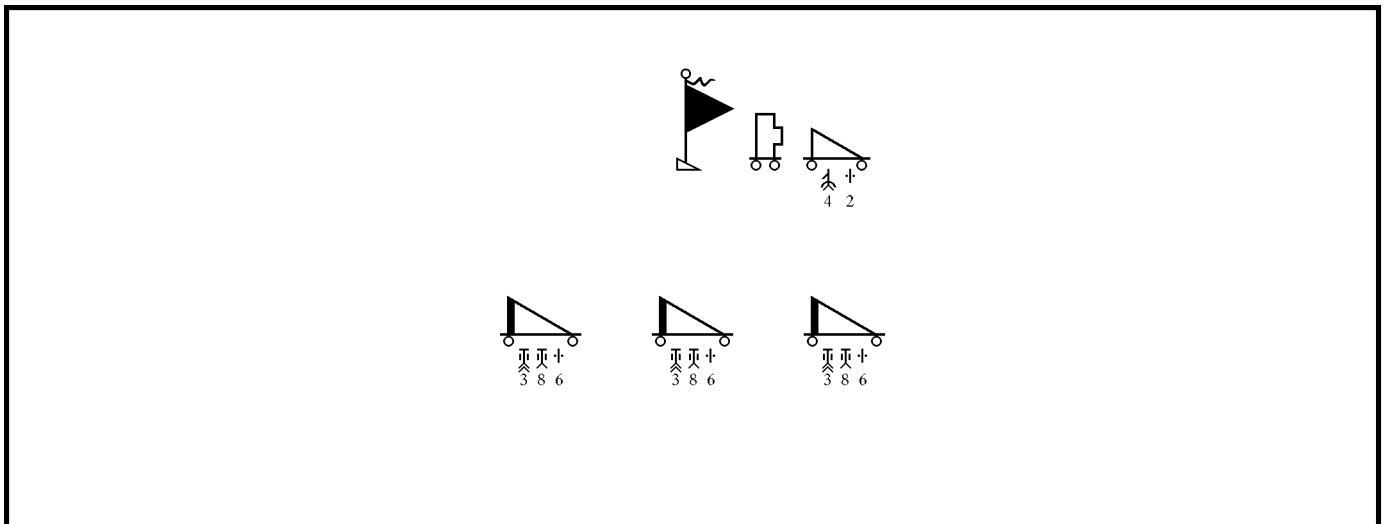
All motor vehicles mentioned in the text are French vehicles. The suffix “-cc” indicates a cross-country vehicle.

Pz-35 S(f) modified French Somua Char 1935-S.
Bef-Pz-35 S(f) same vehicle converted to a command tank.
Pz-38 H(f) modified French Hotchkiss Char 1938-H.
Bef-Pz-38 H(f) same vehicle converted to a command tank.

The 211. Panzer-Abteilung was raised on 24.03.1941 in Wehrkreis V from elements of the II./Panzer-Regiment 201 with two companies of French tanks for use in Norway.

The Norway Army operated independently directly under the OHK (German Army Supreme Command). Beute Panzer Abteilung 211 (commanded by Major H. Wolf) was initially in the “Armee Norwegen” reserve. It was committed in the 2.Gebirgs-Division sector as part of a battlegroup built around Infanterie Regiment 388 (commanded by Lieutenant Colonel von Ledebur, detached from 214th Infantry Division). On 22.06.1941, it was with the XXXVIth Corps Command, Norway Army.

PANZER-JÄGER-ABTEILUNG (motorisiert)
Motorized Anti-Tank Battalion



- KStN 1106 *) Headquarters, Motorized Anti-Tank Battalion**
1.02.1941
Bn Hqs: 2 mcl; 1 mcl w/sc; 3 cars (15).
Bn Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 1 truck (light); 2 trucks (3-ton).
Bn Trains: 1 mcl w/sc; 2 cars (light); 3 trucks (2-ton); 1 truck (medium); 1 truck (3-ton); 1 ambulance (31).
- KStN 1192 Signal Platoon, Motorized Anti-Tank Battalion**
1.02.1941
Plt Hqs: 2 mcl; 1 mcl w/sc; 1 car (15).
1 Lt Tele Sect *c*: 1 car (15).
6 Pack Radio Sect *b*: 1 car (2).
2 Lt Radio Sect *b*: 1 van (17).
- KStN 1141 *) Motorized Anti-Tank Company**
1.02.1941
Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (12); 1 LMG.
3 ATG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (12); 1 LMG.
Ammo Sect: 2 halftracks (10); 2 trailers (ammo).
Gun Sect: 3 halftracks (10); 3 ATG (50mm – towed).
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).
- KStN 1147 Motorized Anti-Tank Platoon**
31.01.1941
Plt Hqs: 1 mcl; 3 mcl w/sc; 1 car (12).
MG Sect: 1 truck (69); 2 LMG.
Gun Sect: 4 trucks (69); 4 ATG (28mm cone-bore – towed).

NOTES:

Although the it was still the most numerous anti-tank gun of the German Army in 1941, the 3,7cm Pak had not performed completely satisfactorily during the 1940 French Campaign. The new 50mm anti-tank gun had not been produced in enough numbers to equip all battalions in the German Army.

For the eventuality of meeting one of the slow, heavy infantry tanks, (thought to be the only heavy tank to be encountered), some battalions had a platoon of the newly-developed schwere 2,8cm Panzerbüchse 41 (“heavy anti-tank rifle”) [sPzB 41]. The 28mm cone-bore anti-tank gun was tapered, squeezing the round from 28mm at the breech to 20mm at the muzzle, resulting in a very high muzzle

velocity. After the first encounters with the Russian T-34, KV-I, and KV-II, it was very much in demand, but seldom available in any numbers. As with all German cone-bore anti-tank guns, it was plagued by a lack of ammunition. The limited supply of Wolfram in Germany during the war needed to manufacture the shirred, tungsten-cored, armor-piercing shot prevented mass production. The 28mm cone-bore ATG was fitted with two wheels (removed before emplacement) for tactical movement by its crew. However, since the gun was light and the wheels set close to the gun, it could not be towed behind a motor vehicle. It was therefore mounted, wheels and all, on its own special trailer for towing.

The appearance of the medium and heavy Allied tanks in 1941 had brought an immediate demand for heavier anti-tank guns capable of stopping them. Although the new the 50mm Pak 38 was capable of damaging these tanks to varying degrees, it could only stop them cold as very close ranges.

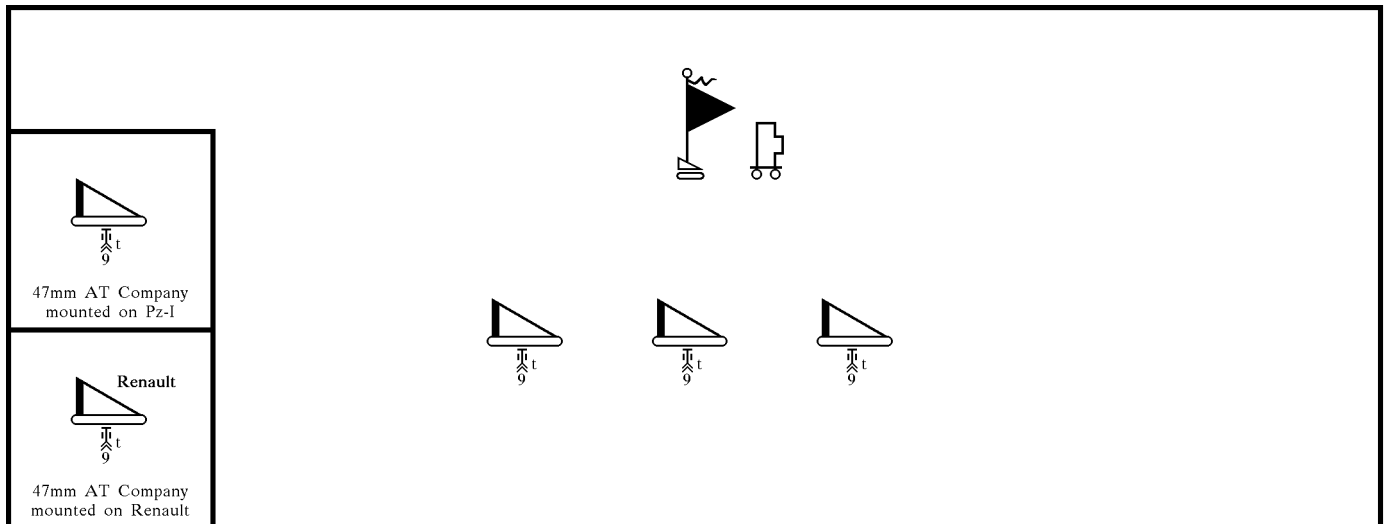
There were six Motorized Anti-Tank Battalions on 22.06.1941.

Specifications of the 28mm, 37mm and 50mm Anti-Tank Guns:

Designation:	sPzB 41	3,7cm Pak 36/37	5cm Pak 38
Gun made by:	Mausler	Rheinmetall	Rheinmetall
Introduced in:	1941	1936	1941
Caliber:	28mm → 20mm	37mm	50mm
Barrel length:	L/60 → L/85	L/45	L/60
Effective range:	500 meters	500 meters	1500 meters
Ammo weight:	0.091 / 0.121 kilos	0.685 kilos	2.06 kilos
Unlimbered weight:	147 kilos	440 kilos	1000 kilos
Limbered weight:	263 kilos	450 kilos	1062 kilos
Traverse:	90° / 90°	60° / 60	65°/65°
Elevation:	-15° / +25°	-8° / +25°	-8° / +27°
Rate of fire:	10 rounds/min.	12 – 15 rpm	12 – 15 rpm

Unit	28mm ATG	Assigned to:
463.	–	Norway Mountain Corps, Norway Army
525.	–	XXXXX Mtn Corps, 17th Army Army Group South
560.	–	XI Corps, 11th Army, Army Group South
563.	1 Plt	XXVI Corps, 18th Army, Army Group North
652.	1 Plt	III Mot Corps, 1 Panzer Group, Army Group South
654.	1 Plt	XI Corps, 2 Panzer Group, Army Group Center

PANZER-JÄGER-ABTEILUNG (motorisierter Selbstfahrlafette)
Self-Propelled Anti-Tank Battalion



KStN 1106a *) Headquarters, Self-Propelled Anti-Tank Battalion

1.02.1941

Bn Hqs: 2 mcl; 1 mcl w/sc; 2 cars (15); 1 Pz-I (101) hull (without turret) or Renault R-35(f) hull (without turret).

Bn Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 2 trucks (light); 1 truck (2-ton); 3 trucks (3-ton); 1 van (79); 1 halftrack (7); 1 trailer (generator); 1 trailer (light tank).

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

KStN 1192 Signal Platoon, Motorized Anti-Tank Battalion

1.02.1941

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

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

6 Pack Radio Sect *b*: 1 car (2).

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

KStN 1148 *) Self-Propelled Anti-Tank Company

1.02.1941

Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (15); 1 Pz-I (101) hull (without turret) or Renault R-35(f) hull (without turret).

3 ATG Plt: Hqs Sect: 2 mcl; 1 mcl w/sc.

Ammo Sect: 1 halftrack (10); 1 trailer (ammo).

Gun Sect: 3 SP'd ATG (47mm on Pz-I or Renault R-35(f) hulls).

Co 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 (2-ton); 4 truck (3-ton); 2 trailers (ammo).

NOTES:

As indicated, the German Army invaded Russia without full awareness of the new Soviet tanks to be encountered. It had the self-propelled 47mm ATG – the number available augmented by using captured French tank hulls – which had proven so effective in the 1940 French Campaign, and felt relatively confident that this gun would be able to check most of the armor that the advancing units might encounter.

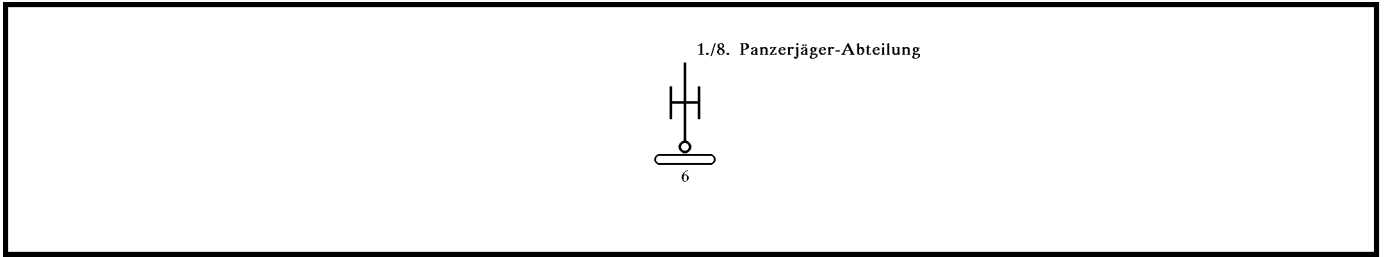
The 47mm ATG soon proved to be virtually useless against the Russian T-34 and KV's as well as British I-Tanks that the Germans encountered, especially at medium to long ranges. On the other hand, it was quite effective against light tanks and other armored vehicles of both the Soviets in Russia and the British in North Africa.

There were 11 Self-Propelled Anti-Tank Battalions on 22.06.1941.

<i>Specifications of the Self-Propelled 47mm Anti-Tank Guns:</i>		
Designation:	4,7cm Pak(t) auf Pz-I	4,7cm Pak(t) auf Pz-R35(f)
Gun made by:	Skoda	Skoda
Introduced in:	1940	1941
Caliber:	47mm	47mm
Barrel length:	L/43.4	L/43.4
Effective range:	1,500 meters	1,500 meters
Ammo weight:	1.65 kilos	1.65 kilos
Unlimbered weight:	6,400 kilos	10,900 kilos
Traverse:	17.5° / 17.5°	17.5° / 17.5°
Elevation:	-8° / +12°	-8° / +12°
Rate of fire:	15 rounds/min.	15 rounds/min.
Vehicle modified by:	Skoda	Alkett
Vehicle Speed:	40 km/h	19 km/h

<i>Unit</i>	<i>Hull</i>	<i>Assigned to:</i>
521.	Pz-I	XXIV Mot Corps, 2 Panzer Group, Army Group Center
529.	Pz-I	VII Corps, 4th Army, Army Group Center
543.	Pz-I	XXIV Mot Corps, 2 Panzer Group, Army Group Center
559.	R-35	LVI Mot Corps, 4 Panzer Group, Army Group North
605.	Pz-I	German Africa Corps (<i>D.A.K.</i>)
611.	R-35	XXXXVII Mot Corps, 2 Panzer Group, Army Group Center
616.	Pz-I	4 Pz Group Reserves, Army Group North
561.	R-35	9th Army Reserves, Army Group Center
625.	Pz-I	Army Group D Reserves
643.	Pz-I	XXXIX Mot Corps, 3 Panzer Group, Army Group Center
670.	Pz-I	1 Pz Group Reserves, Army Group South

SCHWERE PANZERJÄGER-KOMPANIE (motorisierter Selbstfahrlafette)
Self-Propelled Heavy Anti-Tank Company



KStN 1146 *) Self-Propelled Heavy Anti-Tank Company

1.02.1941

Co Hqs: Hqs Sect: 2 mcl; 1 mcl w/sc; 1 car (15).
 Signal Det: 1 Med Radio Sect *a*: 1 car (15); 1 van (76).
 2 Pack Radio Sect *b*: 1 car (2).
 3 AT Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (15); 1 AA car (4 with dual MG).
 Ammo Sect: 2 trucks (3-ton).
 Gun Sect: 2 halftracks (8 with 88mm Flak 18).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (3-ton).
 Co Trains: 1 mcl w/sc; 1 car (light); 1 truck (light); 4 trucks (medium); 3 trucks (3-ton); 1 halftrack (8).

Specifications of the Self-Propelled 88mm Anti-Aircraft Gun:

Designation:	8,8cm Flak 18 auf Zgkw 12 t.
Vehicle modified by:	Krupp
Introduced in:	1939
Caliber:	88mm
Barrel length:	L/56
Horizontal Range:	14,860 meters
Vertical Rang:	9,750 meters
Shell weight:	9.5 to 15.3 kilos
Traverse:	360°
Elevation:	0° to +85° from horizontal
Rate of Fire:	15 to 20 rounds per minute
Vehicle weight:	20,000 kilos
Vehicle speed:	50km/h

NOTES:

The need for dual or multi-purpose weapons had been evident even before the war. The 88mm anti-aircraft gun was a weapon desirable both for its characteristics of high-angle and flat-trajectory fire. The first official attempt at enabling the 88mm AA gun to be put to dual use was by mounting it on a 12-ton halftrack.

The 12-ton halftrack (Sd.Kfz.8) had an armored hood and a low armored cab. A low armored dome covering the driver was provided with an armored glass vision slit to the front. The gun was mounted on the halftrack's bed. Owing to the low driver's cab, the gun could be traversed and fired in all directions. The crew was only protected to the front by the gun shield, and was exposed to the elements and hostile fire from all other sides. However, the excellent 88 enabled the crew to pick off enemy armor at distances where small arms fire was not a serious danger. The 88 was one of the very few weapons that could deal with the T-34 and KV tanks at long range in 1941.

Only the 1./Panzerjäger-Abteilung 8 was raised under this organization. On 22.06.1941, it was assigned to XXXIXth Corps, 3rd Panzer Group, AG Center.

ZUG 10CM KANONE (gepanzerte Selbstfahrlafette)
Armored Self-Propelled 105mm Gun Platoon



KStN 458 *)
22.04.1941

Armored Self-Propelled 105mm Gun Platoon

Plt Hqs: 2 mcl; 1 mcl w/sc; 1 car (15).
 1 Lt Tele Sect c: 1 car (15).
 Gun Sect: 1 AA car (4 with dual MG); 2 SP'd 105mm Guns (on modified Pz-IV hull).
 Ammo Sect: 2 trucks (3-ton).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Plt Trains: 1 car (light); 1 truck (light); 2 trucks (medium).

<i>Specifications of the Self-Propelled 105mm Gun</i>	
Designation:	10cm K 18 auf Pz-Sfl IVa
Manufactured by:	Krupp-Gruson
Introduced in:	1941
Caliber:	105mm
Barrel length:	L/52
Range:	19,075 meters
Shell weight:	15.1 kilos
Traverse:	8° / 8°
Elevation:	-15° / +10° from horizontal
Rate of Fire:	10 to 12 rounds per minute
Vehicle weight:	25,000 kilos
Vehicle speed:	40 km/h

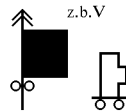
NOTES:

The 105mm armored self-propelled guns were based on the Panzer-IV hull and had been developed to destroy strong fortifications, such as those expected to be encountered in Gibraltar. They were not heavily armored (30mm on the front and 20mm on the sides and rear), and the tops were open. Never utilized for their original purpose, they were used as anti-tank guns instead, and were the real forerunners of the later light self-propelled anti-tank guns, such as the Marders.

Only one platoon fitted with the two experimental weapons was raised, and this unit performed very well during the initial phases of the 1941 Russian Campaign. The 105mm gun, by virtue of its high muzzle velocity and flat trajectory, made an excellent anti-tank weapon, more powerful even than the 88mm anti-aircraft gun. It could penetrate more than 130mm of hardened steel plate at a range of 2000 meters.

On 22.06.1941, it was with the 521st Anti-Tank Battalion, XXIVth Mot Corps, 2nd Panzer Group, Army Group Center.

**STAB, PIONIER-REGIMENT (motorisiert) zur besonderer Verwendung
Headquarters, Motorized Special Engineer Regiment**



KStN 701 *) Headquarters, Motorized Engineer Regiment
1.02.1941
Rgt Hqs: Hqs Sect: 2 mcl; 1 car (1); 3 cars (15).
2 Scout Sect: 6 mcl; 1 mcl w/sc.
Hqs Maint Sect: 1 mcl w/sc; 1 car (2/40).
Hqs Trains: 1 mcl w/sc; 3 trucks (medium).

KStN 783 *) Signal Platoon, Motorized Engineer Regiment
1.02.1941
Plt Hqs: 1 mcl w/sc; 1 car (15); 1 truck (2-ton).
2 Lt Tele Sect c: 1 car (15).
3 Pack Radio Sect f: 1 car (2).
3 Pack Radio Sect f: ride together in one truck (2-ton).

NOTES:

A headquarters, engineer regiment was normally only attached to a command when there were four or more GHQ engineer units on hand. In special cases, this rule of thumb could be changed to fit the situation. These headquarters units, or engineer staff units, were assigned to coordinate the GHQ engineers, and frequently 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.

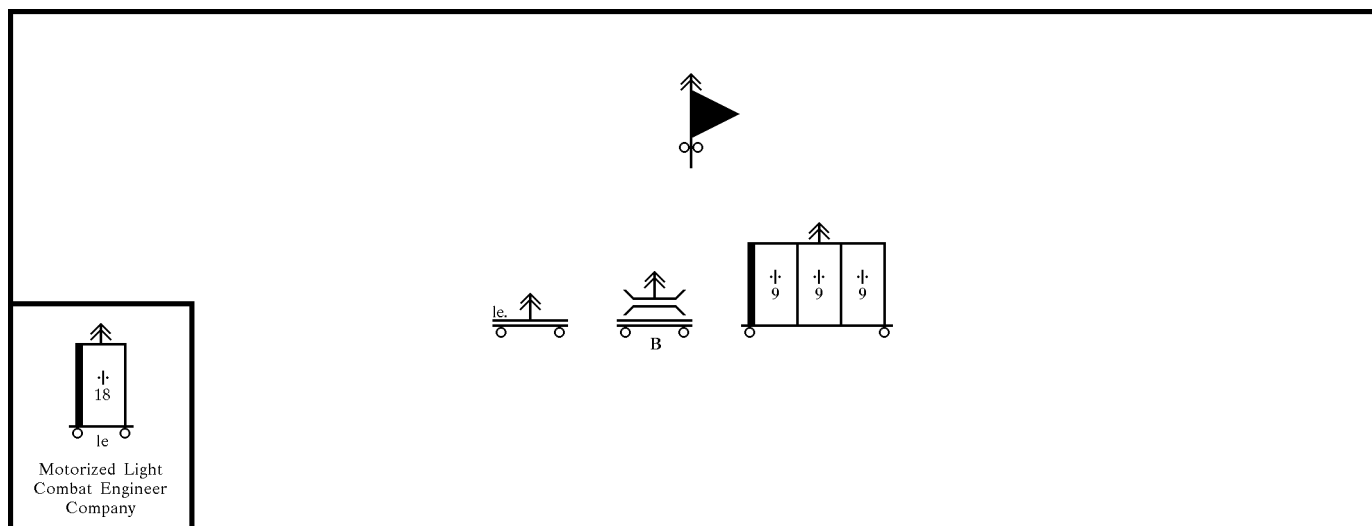
Besides being involved in the planning of offensive and defensive operations, they were also charged with improving and expanding the logistics capabilities of the rear areas, including bridges, railway construction and road construction. They also had to liaise with the signal troops and coordinate 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.

On 22.06.1941, there were 29 Headquarters, Motorized Special Engineer Regiment.

413.	XXXXVIIth Mot Corps, 2nd Panzer Group, Army Group Center
504.	LVIth Mot Corps, 3rd Panzer Group, Army Group Center
507.	XIIth Corps, 2nd Panzer Group, Army Group Center
511.	IIIrd Mot Corps, 1st Panzer Group, Army Group South
512.	XXth Corps, 9th Army, Army Group Center
513.	XXXXVIth Mot Corps, 2nd Panzer Group, Army Group Center
514.	XXVIIIth Corps, 16th Army, Army Group North
515.	XXIVth Mot Corps, 2nd Panzer Group, Army Group Center
516.	IXth Corps, 4th Army, Army Group Center
517.	VIIIth Corps, 9th Army, Army Group Center
518.	XXXXIIIrd Corps, 4th Army, Army Group Center
519.	Ist Corps, 18th Army, Army Group North
520.	XXXXVIIIth Mot Corps, 1st Panzer Group, Army Group South
541.	IInd Corps, 16th Army, Army Group North
601.	IVth Corps, 17th Army, Army Group South
604.	XVIIth Corps, 6th Army, Army Group South
614.	XXXIXth Mot Corps, 3rd Panzer Group, Army Group Center
617.	11th Army Reserves, Army Group South
620.	XXXXIXth Mtn Corps, 17th Army, Army Group South
628.	XXXXIst Mot Corps, 4th Panzer Group, Army Group North
667.	XXIXth Corps, 1st Panzer Group, Army Group South
673.	LVth Corps, 6th Army, Army Group South
674.	VIIth Corps, 4th Army, Army Group Center
677.	XXVIth Corps, 18th Army, Army Group North
678.	LVth Mot Corps, 4th Panzer Group, Army Group North
680.	16th Army Reserves, Army Group North
685.	12th Army (Balkans)
690.	11th Army Reserves, Army Group South
700.	1st Panzer Group Reserves, Army Group South

PIONIER-BATAILLON (motorisiert)
Motorized Combat Engineer Battalion

**KStN 703 *)****Headquarters, Motorized Combat Engineer Battalion**

1.02.1941

Bn Hqs: 2 mcl; 2 mcl w/sc; 2 cars (light); 3 cars (15).
Signal Det: 4 Lt Radio Sect *e*: 1 car (2).
1 Hvy Tele Sect *a*: 1 car (2); 1 truck (3-ton).
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 *)**Motorized Combat Engineer Company**

1.02.1941

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).
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).

KStN 714 *)**Motorized Light Combat Engineer Company**

1.02.1941

Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (15).
Support Det: 3 trucks (3-ton); 2 trailer (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 (2-ton).
3 Engr Sect: 2 trucks (2-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).

KStN 741 *)**Motorized Supply Column, Motorized Combat Engineer Battalion**

1.02.1941

Col Hqs: 2 mcl; 1 mcl w/sc; 1 car (light).
1 Plt: 1 mcl; 1 mcl w/sc; 1 car (light); 5 trucks (medium); 1 van (4.5-ton);
1 trailer (compressor); 1 trailer (cargo); 1 trailer (welding).
1 Plt: 1 mcl; 1 mcl w/sc; 5 trucks (medium); 1 trailer (tool); 1 trailer (8-ton).
Col Trains: 1 mcl w/sc; 1 truck (medium).

NOTES:

Excluding the 900. Pionier-Battailon, all Motorized Combat Engineer Battalions had a Motorized Bridge Column B. These are dealt with on the next page.


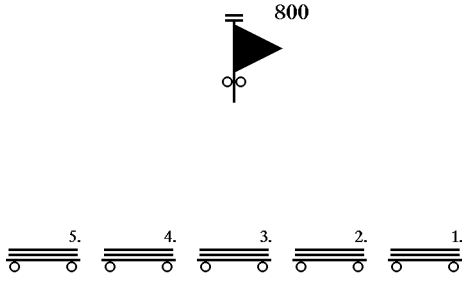


The 3-ton trucks in the Combat Engineer Companies were supposed to be the Pionier-Kraftwagen I (Pion. Kw. I), whereas the 2-ton trucks of the Light Combat Engineer Companies were Pionier-Kraftwagen III (Pion. Kw. III). Both were trucks specially fitted with equipment for the engineers.

The company carried a multitude of engineer equipment and tools, ammunition, as well as flame throwers. Each combat engineer company carried as standard equipment:

- 9 large compressors
- 20 power saws
- 6 welding sets
- 10 searchlights
- 306 K-rolls (barbed wire ready for instant expansion and use)
- 100 S-rolls (wire ready for instant expansion and use)
- 73 barbed wire rolls
- 21 wire rolls
- 1550 empty sand bags
- 361 kilos of explosives
- 23 electric detonators
- 2600 meters of fuse
- 936 smoke grenades
- 380 T-mines (Teller, i.e. anti-tank mines)
- 645 S-mines (Schützen, i.e. anti-personnel mines)
- 38 small rubber boats (3 x 1 meters; 3 to 4 men each)
- 36 large rubber boats (5.5 x 2 meters; 11 men or 1 light ATG)
- 3 flame throwers

Lehr (2 Co. & 1 Lt. Co.) XXXIXth Mot Corps, 3rd Panzer Group, Army Group Center
41 4th Army Reserves, Army Group Center
42 XXXXVIIth Mot Corps, 2nd Panzer Group, Army Group Center
43 VIIIth Corps, 9th Army, Army Group Center
44 IInd Corps, 16th Army, Army Group Center
45 XXIVth Mot Corps, 2nd Panzer Group, Army Group Center
46 XIth Corps, 11th Army, Army Group South
47 LVIIth Mot Corps, 3rd Panzer Group, Army Group Center
48 LVth Mot, 4th Panzer Group, Army Group North
50 6th Army Reserves, Army Group South
51 XXXXVIIIth Mot Corps, 1st Panzer Group, Army Group South
52 XXXXIst Mot Corps, 4th Panzer Group, Army Group North
60 (3 Lt. Co.) 1st Panzer Group Reserves, Army Group South
62 (3 Lt. Co.) 4th Panzer Group Reserves, Army Group North
70 11th Army Reserves, Army Group South
85 XXXXVIth Mot Corps, 2nd Panzer Group, Army Group Center
505 IInd Corps, 16th Army, Army Group North
627 IIIrd Mot Corps, 1st Panzer Group, Army Group South
630 9th Army Reserves, Army Group Center
635 VIIth Corps, 4th Army, Army Group Center
651 XXXXVIIIrd Mot Corps, 1st Panzer Group, Army Group South
666 12th Army (Balkans)
900 (only 2 Co.) German Africa Corps (D.A.K.)

SCHWERE BRÜCKEN-KOLONNEN Heavy Bridge Columns

 le.Z. le.Z. Bridge Column Equipment Unit with Escort Detachment (semi-motorized)	
 s.S. s.S. Bridge Column Equipment Unit with Escort Detachment (semi-motorized)	
 H. Herbert Bridge Column Equipment Unit with Escort Detachment (semi-motorized)	

KStN 779*) Headquarters, Motorized Heavy Bridge Transport Battalion
1.02.1941 Bn Hqs: 3 mcl; 2 mcl w/sc; 1 car (medium); 1 bus (light / 15 seats).
Bn Hqs Trains: 1 truck (light).

KStN 780 *) Motorized Heavy Bridge Transport Column (70-ton)
1.02.1941 Col Hqs: 1 mcl; 1 mcl w/sc; 1 car (light).
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 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).

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 capacity); 2 trailers (motor boat).
Det Trains: 1 truck (light); 1 truck (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).

NOTES:

Various heavy combat bridges were available to the Germans, which 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.

Heavy bridges existed as units of equipment, and were normally located in bridge parks. They were formed into standard bridge 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.

Heavy bridge equipment unit columns were dispatched to the indicated area, accompanied by an escort detachment. Transport could be by rail, river, or, in the case of the le.Z. bridge column, by road on the 800th Motorized Heavy Bridge Transport Battalion. The personnel of the escort detachment did not build the bridge, but was responsible for it en-route, and for supervising its erection. The escort detachments were only semi-motorized, and some personnel and equipment had to be transported by the same means as the heavy bridge Equipment Unit.

The 800th Motorized Heavy Bridge Transport Battalion was intended to transport five equipment unit columns of the le.Z. heavy bridge in one movement. It could transport other heavy bridge equipment unit columns, but this would take many movements. The 800th Motorized Heavy Bridge Transport Battalion was assigned to Army Group Center Reserves on 22.06.1941.

Heavy Bridge Columns Unit & Type	The German heavy bridge equipment comprised the following standard types:
1. H. [EU+ED]	<p>Leicht Zerlegbar (le.Z.) (lit.: easily disassembled) A heavy combat bridge with 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.</p> <p>schwere Schiffsbrücke (s.S.) (lit.: heavy ship bridge) A heavy railroad bridge, consisting 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.</p> <p>Herbert (H.) A large box-girder floating bridge. Each span weighed 4 tons, with a load capacity of 24 tons. Could be assembled in various configurations, ranging in width from 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 at least 5.5 meters length. Rail movement required 144 "O" and 8 "Ol" or "Om" wagons.</p> <p>EU: Equipment Unit (bridge equipment unit column only; no vehicles or personnel) ED: Escort Detachment (personnel only; a few vehicles, but not enough to move all personnel and equipment)</p>
2. H. [EU+ED]	
3. H. [EU+ED]	
21. s.S. [EU+ED]	
22. s.S. [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]	

BRÜCKEN-KOLONNEN B (motorisiert)
Motorized Type B Bridge Column



KStN 733
1.10.1937

Motorized Type B Bridge Column

- Col Hqs: 3 mcl; 1 car (1).
 2 Bridge Plt: Hqs Sect: 1 mcl; 1 car (1).
 Pontoon Sect: 4 halftracks (7); 4 trailers (3 pontoons each).
 Pontoon Sect: 4 trucks (3-ton); 4 trailers (3 pontoons each).
 Trestle Sect: 2 trucks (3-ton); 2 trailers (trestles).
 Transom Sect: 2 trucks (3-ton); 2 trailers (shore transoms).
 Boat Sect: 1 truck (3-ton); 1 trailer (3 S-Boot or 1 M-Boot).
 1 Support Plt: Hqs Sect: 1 mcl w/sc.
 Ramp Sect: 2 trucks (3-ton); 2 trailers (ramps).
 Winch Sect: 1 truck (3-ton); 1 trailer (winch).
 Col Trains: 1 mcl w/sc; 1 truck (light); 2 trucks (medium).

NOTES:

The bridge "B" was the standard combat bridge of the German Army during World War II. It was the workhorse of the German combat engineers, and was the most often encountered combat bridge.

In 1939 most divisions, all armies, corps, and GHQ motorized combat engineer battalions had motorized bridge columns B permanently assigned. In 1940, all bridge columns B were redesignated as GHQ troops, excluding those assigned to GHQ motorized combat engineer battalions. (That happened in 1942).

The bridge column B, (with a strength of 2 officers, 13 NCO's, and 87 men), was equipped with a heavy pontoon trestle bridge, using a flat-bed, wooden-floored superstructure resting on undecked, non-reversible steel (or alloy) pontoons. Each pontoon was shaped like a straight-sided boat, with a raised bow at one end. In effect, each pontoon was only a half-pontoon. When fastened stern to stern, the load capacity was doubled.

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 build 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 was merely a transportation and advisory unit. The divisional combat engineers, or attached construction troops – or even normal infantry – actually assembled these combat bridges.

The 8-ton halftrack (Sd.Kfz. 7) could be substituted by the 5-ton halftrack (Sd.Kfz. 6). One Boat Section had 3 S-Boot (assault boat), while the other had one M-Boot (motor boat).

The Brückengerät B could be used in a variety 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.

One bridge column B could use its equipment in several standard variations:

1. Bridge with half-pontoons in clusters, for a total length of 130 meters, and a load carrying capacity of 4 tons;
2. Bridge with two full (two half-pontoons stern to stern), pontoons, in clusters of two each, for a total length of 75 meters, and a load-carrying capacity of 8 tons;
3. Bridge with full pontoons, one next to the other, for a total length of 50 meters, and with load-carrying capacity of 20 tons
4. Ferry with a load-carrying capacity of 8 tons, using half-pontoons;
5. Ferry with a load-carrying capacity of 20 tons, using full pontoons.

The engineers also used the different parts of the bridge, in particular the trestles, for many different and imaginative bridging and other obstacle crossing projects.

On 22.06.1941, there were 178 Motorized Bridge Columns B. The complete listing and corresponding assignment are on the next page.

Order of Battle Motorized Type B Bridge Columns

1	Ist Corps, 18th Army, Army Group North
2	IInd Corps, 16th Army, Army Group North
3	LVth Mot Corps, 4th Panzer Group, Army Group North
4	XIVth Mot Corps, 6th Army, Army Group South
5	Vth Corps, 3rd Panzer Group, Army Group Center
6	Vth Corps, 3rd Panzer Group, Army Group Center
7	IXth Corps, 4th Army, Army Group Center
8	VIIIth Corps, 9th Army, Army Group Center
9	XVIIth Corps, 6th Army, Army Group South
11	Ist Corps, 18th Army, Army Group North
12	IInd Corps, 16th Army, Army Group North
13	IIIrd Mot Corps, 1st Panzer Group, Army Group South
14	XXXIXth Mot Corps, 3rd Panzer Group, Army Group Center
15	XXXVth Corps, Army Group Center Reserves
16	Ist Panzer Group Reserves, Army Group Center
17	XIIth Corps, 2nd Panzer Group, Army Group Center
18	LVIth Mot Corps, 3rd Panzer Group, Army Group Center
19	LVIth Mot Corps, 3rd Panzer Group, Army Group Center
20	XXXIXth Mot Corps, 3rd Panzer Group, Army Group Center
21	Ist Corps, 18th Army, Army Group North
22	I 11th Army Reserves, Army Group South
23	IXth Corps, 4th Army, Army Group Center
24	IVth Corps, 17th Army, Army Group South
25	Ist Panzer Group Reserves, Army Group South
26	Vth Corps, 3rd Panzer Group, Army Group Center
27	XXXXVIIth Mot Corps, 2nd Panzer Group, Army Group Center
28	VIIIth Corps, 9th Army, Army Group Center
29	XXXXVIIth Mot Corps, 2nd Panzer Group, Army Group Center
30	XXVIIIth Corps, 16th Army, Army Group North
31	XIIth Corps, 2nd Panzer Group, Army Group Center
32	LVIth Mot Corps, 3rd Panzer Group, Army Group Center
33	LVIth Mot Corps, 3rd Panzer Group, Army Group Center
34	XIIth Corps, 2nd Panzer Group, Army Group Center
35	Vth Corps, 3rd Panzer Group, Army Group Center
36	XXXXIst Mot Corps, 4th Panzer Group, Army Group North
37	XXXXIst Mot Corps, 4th Panzer Group, Army Group North
39	XXIVth Mot Corps, 2nd Panzer Group, Army Group Center
1./41	41st Motorized Combat Engineer Battalion
2./41	IXth Corps, 4th Army, Army Group Center
42	42nd Motorized Combat Engineer Battalion
43	Lehr Motorized Combat Engineer Battalion
44	44th Motorized Combat Engineer Battalion
46	46th Motorized Combat Engineer Battalion
47	47th Motorized Combat Engineer Battalion
48	48th Motorized Combat Engineer Battalion
49	XXXXVIth Mot Corps, 2nd Panzer Group, Army Group Center
50	50th Motorized Combat Engineer Battalion
51	51st Motorized Combat Engineer Battalion
52	52nd Motorized Combat Engineer Battalion
54	XXXXIXth Mtn Corps, 17th Army, Army Group South
57	XXXXIst Mot Corps, 4th Panzer Group, Army Group North
58	XXXIXth Mot Corps, 3rd Panzer Group, Army Group Center
59	LVth Mot Corps, 4th Panzer Group, Army Group North
1./60	60th Motorized Combat Engineer Battalion
2./60	60th Motorized Combat Engineer Battalion
1./62	62nd Motorized Combat Engineer Battalion
2./62	62nd Motorized Combat Engineer Battalion
3./62	62nd Motorized Combat Engineer Battalion
70	70th Motorized Combat Engineer Battalion
79	XXIVth Mot Corps, 2nd Panzer Group, Army Group Center
80	XXXXVIIIth Mot Corps, 1st Panzer Group, Army Group South
81	XIIth Corps, 2nd Panzer Group, Army Group Center
85	85th Motorized Combat Engineer Battalion
86	Ist Panzer Group Reserves, Army Group South
88	I 11th Army Reserves, Army Group South
89	OKH Reserves
92	XXXIXth Mot Corps, 3rd Panzer Group, Army Group Center
94	XXXXVIIIth Mot Corps, 1st Panzer Group, Army Group South
97	17th Army Reserves, Army Group South
98	XXXXVIIth Mot Corps, 2nd Panzer Group, Army Group Center
99	6th Army Reserves, Army Group South
100	17th Army Reserves, Army Group South
101	LIInd Corps, 17th Army, Army Group South
102	Army Group South Reserves
106	Army Group South Reserves
110	Army Group South Reserves
111	XXIXth Corps, 1st Panzer Group, Army Group South
112	Ist Panzer Group Reserves, Army Group South
113	Army Group South Reserves
121	IInd Corps, 16th Army, Army Group North
122	Xth Corps, 16th Army, Army Group North
123	Xth Corps, Army Group North
125	6th Army Reserves, Army Group South
126	XXVIIIth Corps, 16th Army, Army Group North
129	XXXIXth Mot Corps, 3rd Panzer Group, Army Group Center
131	XIIth Corps, 2nd Panzer Group, Army Group Center
132	12th Army (Balkans)
134	XXXXIIIrd Corps, 4th Army, Army Group Center
137	IXth Corps, 9th Army, Army Group Center
160	OKH Reserves

161	XXVth Corps, 18th Army, Army Group North
209	XXXXVIIIth Mot Corps, 1st Panzer Group, Army Group South
222	?
297	XXXXIVth Corps, 6th Army, Army Group South
298	IIIrd Mot Corps, 1st Panzer Group, Army Group South
401	XXVth Corps, 18th Army, Army Group North
1./402	IXth Corps, 4th Army, Army Group Center
2./402	2nd Panzer Group Reserves, Army Group Center
1./403	43rd Motorized Combat Engineer Battalion
2./403	XXIVth Mot Corps, 2nd Panzer Group, Army Group Center
1./404	4th Army Reserves, Army Group Center
2./404	XXth Corps, 9th Army, Army Group Center
1./405	45th Motorized Combat Engineer Battalion
2./405	LIVth Corps, 11th Army, Army Group South
1./406	16th Army Reserves, Army Group North
2./406	XXXXIst Mot Corps, 4th Panzer Group, Army Group North
2./407	IXth Corps, 4th Army, Army Group Center
1./408	?
2./408	XXIVth Mot Corps, 2nd Panzer Group, Army Group Center
1./409	OKH Reserves
2./409	XIIth Corps, 2nd Panzer Group, Army Group Center
1./410	11th Army Reserves, Army Group South
2./410	17th Army Reserves, Army Group South
1./411	XXXIXth Mot Corps, 3rd Panzer Group, Army Group Center
2./411	XXXXIIth Mot Corps, 4th Panzer Group, Army Group North
1./412	LVIth Mot Corps, 3rd Panzer Group, Army Group Center
2./412	LVth Mot Corps, 4th Panzer Group, Army Group North
1./413	OKH Reserves
2./413	XVIIth Corps, 6th Army, Army Group South
1./415	OKH Reserves
2./415	OKH Reserves
1./422	XXXXVIIth Mot Corps, 2nd Panzer Group, Army Group Center
2./422	?
1./427	IIIrd Mot Corps, 1st Panzer Group, Army Group South
2./427	11th Army Reserves, Army Group South
1./430	XXXXIst Mot Corps, 4th Panzer Group, Army Group North
2./430	11th Army Reserves, Army Group South
442	VIIIth Corps, 9th Army, Army Group Center
1./505	505th Motorized Combat Engineer Battalion
2./505	LVth Mot Corps, 4th Panzer Group, Army Group North
533	11th Army Reserves, Army Group South
534	Vth Corps, 3rd Panzer Group, Army Group Center
535	Vth Corps, 3rd Panzer Group, Army Group Center
536	11th Army Reserves, Army Group South
537	LVIth Mot Corps, 3rd Panzer Group, Army Group Center
539	LVIth Mot Corps, 3rd Panzer Group, Army Group Center
602	IIIrd Mot Corps, 1st Panzer Group, Army Group South
603	?
606	4th Army Reserves, Army Group center
609	OKH Reserves
610	XXIXth Corps, 1st Panzer Group, Army Group South
612	XXth Corps, 9th Army, Army Group Center
615	Ist Panzer Group Reserves, Army Group South
616	IIIrd Mot Corps, 1st Panzer Group, Army Group South
619	OKH Reserves
620	XXXth Corps, 11th Army, Army Group South
624	11th Army Reserves, Army Group South
626	XXXIXth Mot Corps, 3rd Panzer Group, Army Group Center
627	627th Motorized Combat Engineer Battalion
630	630th Motorized Combat Engineer Battalion
635	635th Motorized Combat Engineer Battalion
636	Ist Corps, 18th Army, Army Group North
639	XXXXIXth Mtn Corps, 17th Army, Army Group South
644	XXXIXth Mot Corps, 3rd Panzer Group, Army Group Center
646	2nd Panzer Division
649	LVth Mot Corps, 4th Panzer Group, Army Group North
651	651st Motorized Combat Engineer Battalion
652	IInd Corps, 16th Army, Army Group North
653	XXXIXth Mot Corps, 3rd Panzer Group, Army Group Center
656	IInd Corps, 16th Army, Army Group North
657	XXXIXth Mot Corps, 3rd Panzer Group, Army Group Center
658	16th Army Reserves, Army Group North
661	XXXXIst Mot Corps, 4th Panzer Group, Army Group North
663	IInd Corps, 16th Army, Army Group North
664	XXth Corps, 9th Army, Army Group Center
666	666th Motorized Combat Engineer Battalion
667	17th Army Reserves, Army Group South
668	LIVth Corps, 11th Army, Army Group South
671	IInd Corps, 16th Army, Army Group North
672	XXXXVIIIth Mot Corps, 1st Panzer Group, Army Group South
675	Ist Panzer Group Reserves, Army Group South
676	XXXXIVth Corps, 6th Army, Army Group South
900	900th Lehr Brigade
SS-T	4th Panzer Group Reserves, Army Group North
SS-W	Ist Panzer Group Reserves, Army Group South
SS-R	XXXXVth Mot Corps, 2nd Army, Army Group Center
LSSAH	Ist Panzer Group Reserves, Army Group South

NOTE:
There was no 1./407 Bridge Column.

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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
	Steyr (Ost. Daimler)	1500A/01, 1500A/02, 2000A
3-ton (medium)	Borgward	B3000S, B3000A
	Daimler-Benz	L3000, L3000S, L3000A
	Ford	G21T; V3000, V3000S
	KHD (Magirus)	3000S, 3000A
	MAN	E2; E3000
	Opel	Blitz 3,6-36S, Blitz 6700A
4.5-ton (heavy)	Büssing-NAG	4500S, 4500A
	Daimler-Benz	L4500S, L4500A
	Gräfe & Stift	V7DW
	MAN	ML4500S, ML4500A
6.5-ton	Büssing-NAG	6500
	Daimler-Benz	L6500
	Krupp	LD6,5
	MAN	F4
	Vomag	6LR-647, 6LR-652
	Tatra	6500A
9-ton	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	
68	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>Steuerermässig</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]
–	Panzerbefehlwagen 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]
–	Panzerbefehlwagen 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)/Geschützswagen 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 Panther basis 88mm Pak 43/3 L/71 [57]
179	Bergepanther « Berge-Pz-V »	armored recovery vehicle on Panther 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) « le. 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.-Sonder Anhänger</i>	<i>Special Trailers with numbers</i>
Sd.Anh. 1 (1 Achsig) für kleines Kettenrad	trailer (1 axle) for Kettenrad
Sd.Anh. 1/1 (1 Achsig) für kleines Kettenrad	trailer (1 axle) for Kettenrad
Sd.Anh. 1/2 (1 Achsig) für kleines Kettenrad für schweres Feldkabel	trailer (1 axle) for Kettenrad, 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-Erzeugeranhängen	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 ^o -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 ballon
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 Richtung-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)

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Sd.Anh. 109	(2 Achsig) leichter Vermessungsanhänger	trailer (2 axle) for light calibration equipment
Sd.Anh. 111	(2 Achsig) schwerer Vermessungsanhänger	trailer (2 axle) for heavy calibration equipment
Sd.Anh. 113	(3 Achsig) für Langerät (8 ton)	trailer (3 axle) for cargo, long (8ton)
Sd.Anh. 115	Tiefhladeanhänger für PzKfpWg 10-12 ton	trailer (2 axle) low boy (also: low bed) for armored vehicles (10 – 12 ton)
Sd.Anh. 116	Tiefhladeanhänger 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	Tiefhladeanhänger 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 Sperrballonwinde	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 (Gl 1500)	trailer for 1500cm landing searchlight Model Gl 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	Leuchfeueranhänger	generator trailer for airfield beacons
Sd.Anh. 350/33	Leuchfeueranhänger	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 Leuchfeueranhänger	trailer (2 axle) with enclosed body light generator for airfield beacons
Sd.Anh. 473	(2 Achsig) mittlerer Leuchfeueranhänger	trailer (2 axle) with enclosed body medium generator for airfield beacons
Vsah. = Versuchsanhänger	Experimental Trailers	
Vsah. 642	Tiefhladeanhänger für Panzerkampfwagen	medium tank transport trailer
Vsah. 654	Tiefhladeanhänger 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 (1500 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)	
(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)	

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(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 Pferdelažarett	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-cut-off for V2 rocket units
(1 Achsig) Grosser Druckluftzerzeuger 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) Festungskabeltötkarren	cart (1 axle) for Fortress Signal Troops, with sodering 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 KVA der Sanitätstruppe	trailer (1 axle) generator (220 Volts, AC, 15 kVA) for the Medical Troops
(1 Achsig) Maschinensatz 220/380 (Drehstrom) 30 Kw als Anhänger fahrbar	trailer (1 axle) generator (220/380 Volts, DC, 30 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 fürEntgiftungskraftwagen (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	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 I.Z.	trailer (2 axle) for 6 ramps of Type I.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 schwererBetriebsstoffkesselanlage (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 Socketlafette	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 Kurbelmast 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 Entgiftungsgerätekw. (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 (Kässebohrer Type P4 1939)	trailer (2 axle) for motor bus (bus Model P4 1939)(made by Kässebohrer)
(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)
(Mehrachts) Anhänger für schwere Lasten bis 110 t	trailer (multi-axle) for heavy cargo (110 ton)
(Mehrachts) Anhänger für schwere Lasten bis 150 t	trailer (multi-axle) for heavy cargo (150 ton)
(Mehrachts) Anhänger mit geschlossenem Aufbau für Zinkdruckrotationspresse	trailers (multi-axle) with enclosed body for zincograph rotating printing press

Pf. = Pionierfahrzeuge	Engineer Vehicles
Pf. 10 (2 Achsig) Bockwagen	trailer (2 axle) for bridge tressels
Pf. 11 (2 Achsig) Pontonwagen	trailer (2 axle) for bridge pontoons
Pf. 12 (2 Achsig) Rampenwagen	trailer (2 axle) for bridge ramps
Pf. 13 (1 Achsig) für M-Boot (100 PS MB 41)	trailer (1 axle) for motorboat (100 HP Type MB 41)

Note:

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.

GERMAN HORSE-DRAWN VEHICLES: WAGONS – CARTS — SLEDS

Af	= <i>Artilleriefahrzeuge</i>	<i>Artillerie Vehicles</i>
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	Boebachtungswagen	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 ?	Feldhaubitze	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 Feldhaubitze 98E	limber for light field howitzer 98E
Af ?	leichte Feldhaubitze 18	limber for light field howitzer 18
Af ?	leichte Feldhaubitze 18/40	limber for light field howitzer 18/40
Af ?	schwerer Feldhaubitzen-Munitionswagen	heavy field howitzer ammunition wagon

EF	= <i>Ersatzfeldwagen</i>	<i>Replacement Field Wagon</i>
EF40	Wirtschaftswagen	supply wagon

Hf	= <i>Heeresfahrzeug</i>	<i>Army Vehicles</i>
Hf 1	leichter Feldwagen (gefedert)	light field wagon (sprung)
used as	Verpflegungswagen	rations wagon
	Sanitätsträgerwagen	stretcher bearer wagon
	Packwagen	baggage wagon
	Veterinärmitelwagen	veterinary equipment wagon
	Schanzzeugwagen	entrenching equipment wagon
Hf 1/1	grosser Gefechtswagen	large combat wagon
used as	Nachrichtengerätswagen (gefedert)	signal equipment wagon (sprung)
	Pioniergerätswagen (gefedert)	engineer equipment wagon (sprung)
	Vermessungsgerätswagen (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-Gerätswagen	observation equipment wagon
Hf 1/11	grosser Gefechtswagen	large combat wagon
used as	Nachrichtengerätswagen	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	Gerätswagen	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	Nachrichtengerätswagen (gefedert)	signal wagon (sprung)
Hf 3/2	leichter Frenspchswagen (gefedert)	ligh 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 HORSE-DRAWN 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 Infanteriegeschützprotze	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 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)
 Assistenzzahlmeister 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.
 Feldwebel First Sergeant
 Wachtmeister First Sergeant (Cavalry, Artillery, AA, etc.)
 Beschlagmeister Farrier First Sergeant
 Feuerwerker Ordnance First Sergeant
 Brieffaubenmeister Pigeon Postmaster
 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.
 Unteroffizier Sergeant
 Sanitätsunteroffizier Sergeant (Medical Corps)
 etc.
 Obergefreiter Corporal
 Sanitätsobergefreiter Corporal (Medical Corps)
 etc.

Billet Group "M"

Other Rank in an "M" Group
Mannschaft
 Gefreiter Private First Class
 Oberschütze Private 2
 Oberreiter Trooper First Class
 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.

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	Nachrichtenoﬃzler	Signal Officer
Bataillonsveterinär	Battalion Veterinary Doctor	Nachrichtenunteroﬃzler	Signal NCO
Batterieführer	Battery Commander	Oﬃzler	Officer
Batterieoﬃzler	Firing Battery Commander	Ordnanzoﬃzler	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	Panzerelktromechaniker	Armored Vehicle Electrician
Beobachtungsoﬃzler	Observation Officer	Panzerelktroschweisser	Armored Vehicle Arc Welder
Beschlagschmied	Farrier / Horseshoe Smith	Panzerführer	Armored Vehicle Commander
Betreuungsoﬃzler	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
Erkundungsoﬃzler	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	Regimentskraftfahreroﬃzler	Regiment Motor Officer
Feldkochunteroﬃzler	Cook NCO	Regimentschreiber	Regiment Headquarters Clerk
Feldwebel	Sergeant	Regimentsveterinär	Regiment Veterinary Doctor
Fernsprecher	Telephonist	Richter	Judge
Feuerwerker	Ordnance NCO	Richtkreisoﬃzler	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	Sanitätssoﬃzler	Medical Officer
Führer der Gefechtsfahrzeuge	Leader of the Company/Battery Vehicles	Sanitätsunteroﬃzler	Medical NCO
Funker	Radio Operator	Sattelpferd	Near Horse
Funkmeister	Senior Radio Operator	Sattler	Saddler / Harness Maker
Funkwart	Radio Repairman	Scharenfernrohrunteroﬃzler	Scissors Telescope NCO
Futtermeister	Fodder NCO	Schirmmeister	Foreman / Harness Keeper / Storekeeper NCO / Maintenance Technical Sergeant
Gaschützunteroﬃzler	Chemical Warfare NCO	Schleifer	Polisher
Gefechtschreiber	Headquarters Clerk	Schlosser	Mechanic
Gerätverwalter	Equipment Administrator	Schmied	Smith
Gerätwart	Equipment Repairman	Schneider	Tailor
Geschützbedienung	Gun Crew	Schreiber	Clerk
Geschützführer	Gun Layer / Gun Captain / Gun Commander	Schumacher / Schuster	Shoemaker / Cobbler
Getreibeschlosser	Drive Train Mechanic	Schwadronführer	Company Commander (cavalry arm)
Gruppenführer	Section Leader	Schwadrontruppführer	Company Headquarters Section Leader (cavalry arm)
Handwerker	Craftsman	Schweisser	Welder
Hauptfeldwebel	Senior Company NCO / Company First Sergeant	Spähtruppführer	Scout Section Leader
Hauptwachmeister	Senior Battery NCO / Battery First Sergeant	Staffelführer	Detachment Leader
Hilfsbeobachter	Assistant Observer	Stellmacher	Cartwright / Wheelwright
Hilfsprüfer	Assistant Controller	Stellungsunteroﬃzler	Gun Position NCO
Hiwi (Hilfswilliger)	Foreign Volunteer for Military Service	Steuermann	Helmsman (driver of a boat)
Holzarbeiter	Wood Worker	Tankwart	Fuel Handler
Intendant	Commissary Officer	Tischler	Joiner / Cabinet Maker
Kanonier	Gunner	Trossführer	Trains Leader
Kartenzeichner	Cartographer	Truppenarzt	Troop Doctor
Kettenkraftradfahrer	Kettenrad Driver	Truppführer	Team Leader
Klempner	Plumber	Unteroﬃzler	NCO (Non-Commissioned Officer)
Koch	Cook	Urkundsbeamter	Document Clerk
Kommandant	Commandant	Verbindungssoﬃzler	Liaison Officer
Kommandeur	Commander	Vermessungsdienst	Measuring Service
Kompanieführer	Company Commander	Verpflegungsmann	Rations Handler
Kompanietrossführer	Company Trains Leader	Verpflegungsunteroﬃzler	Rations NCO
Kompanietruppführer	Company Headquarters Section Leader	Veterinärsoﬃzler	Veterinary Officer
Kradmelder	Motorcycle Messenger	Vorgeschobener Beobachter	Forward Observer
Kraftfahrzeugelektriker	Motor Vehicle Electrician	Vorhandwerker	Leading Craftsman
Kraftfahrzeugmotorschlosser	Motor Vehicle Motor Mechanic	Vorreiter	Outrider. Escort on horse-back of a horse-drawn vehicle.
Kraftfahrzeugschlosser	Motor Vehicle Mechanic	Vorwamer	Advance Warning Man
Kraftwagenbeifahrer	Motor Vehicle Codriver	Waffenmeister	Armorer
Kraftwagenfahrer	Motor Vehicle Driver	Waffenmeisterhilfe	Assistant Armorer
Krankenträger	Stretcher Bearer	Waffenmeisterunteroﬃzler	Master Armorer NCO
Ladeschütze	Loader	Waffenunteroﬃzler	Armorer NCO
Laufwerkschlosser	Running Gear Mechanic	Wagenbegleiter	Wagon Escort. Escort of a horse-drawn vehicle on foot
Leiter	Chief Leader	Wagenführer	Leader of the vehicles in the trains
Lichtpauser	Photographer	Werferführer	Launcher or Mortar Gunner
Maler	Painter	Werkmeister	Foreman / Chief Technician
Mann	(Enlisted) Man	Zahlmeister	Paymaster / Finance Officer
Mannschaft	Privat / Other Rank / (Enlisted) Man	Zeichner	Draftsman
Maschinengewehrschütze	Machine Gunner	Zimmermann	Carpenter
Meldefahrer	Motor Vehicle Messenger	Zugführer	Platoon Leader
Meldefahrer	Messenger (motor vehicle)	Zugtruppführer	Platoon Headquarters Section Leader