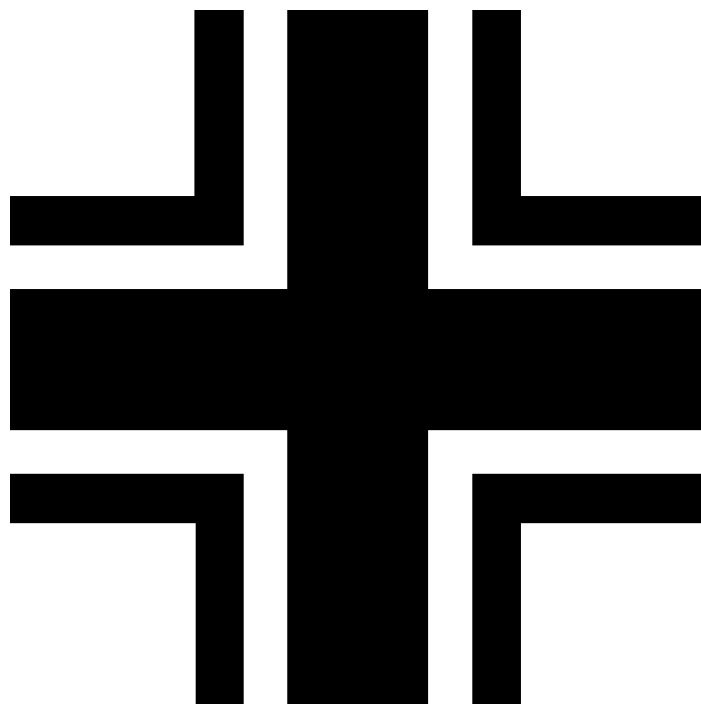


GERMAN WORLD WAR II ORGANIZATIONAL SERIES



Volume 1/II-2

**3rd AND 4th WELLE ARMY INFANTRY DIVISIONS
(1 September 1939)**

THE GERMAN WORLD WAR II ORGANIZATIONAL SERIES

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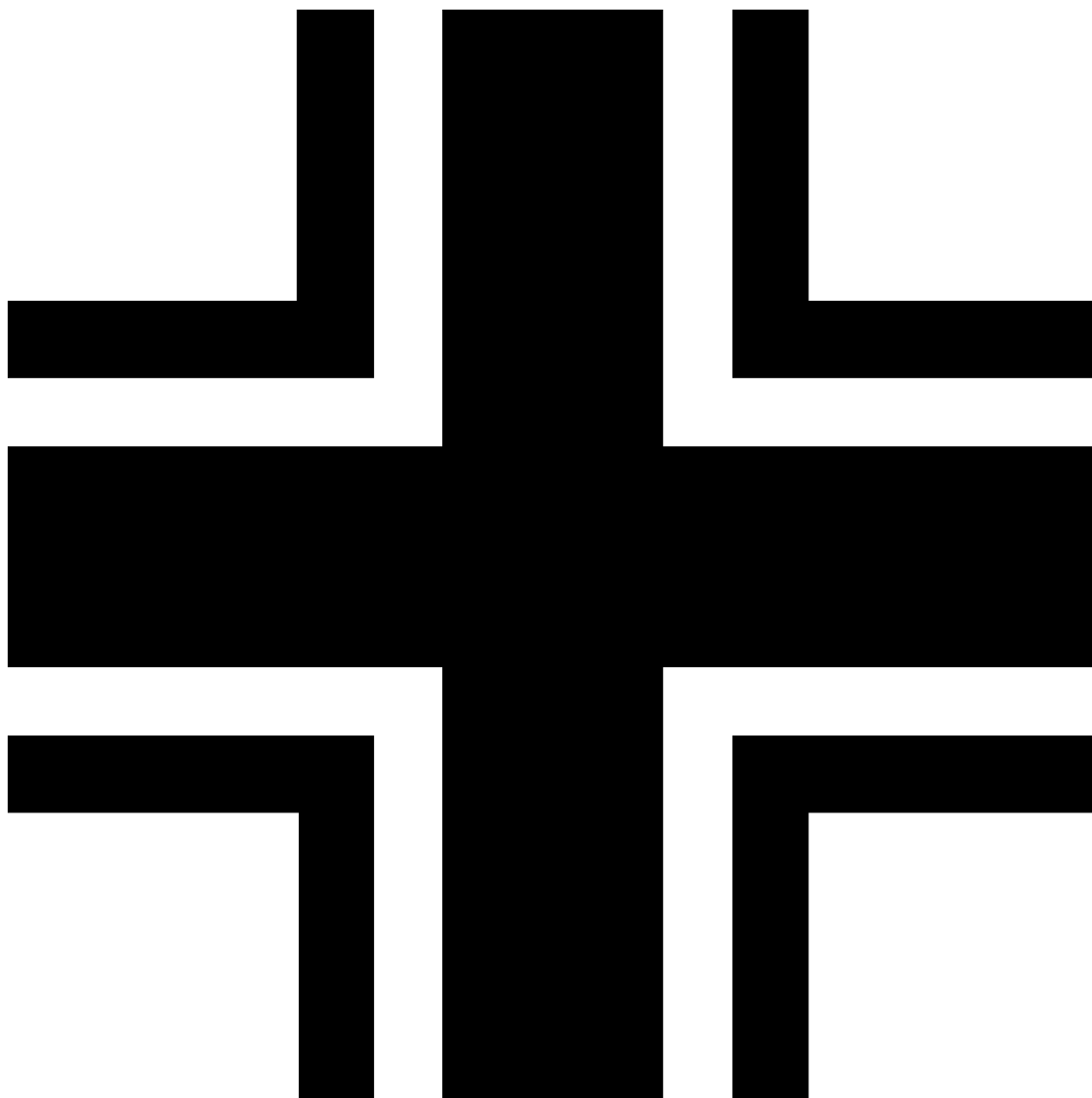
7/I	06.06.44	Mechanized Army Formations
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01.09.39	Landwehr Division — Mountain Divisions — Cavalry Brigade
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22.06.41	Mechanized Waffen-SS Formations Static Units
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1939 – 45	Luftwaffen Ground Combat Forces
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GERMAN WORLD WAR II ORGANIZATIONAL SERIES

by Leo W.G. Niehorster



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**3rd AND 4th WELLE ARMY INFANTRY DIVISIONS
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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

is presently controller and membership manager of a sports club in Hannover, but 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 other 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 of that era. With this publisher he has also recently authored "The United States Armed Forces Order of Battle – 7 December 1941". He has furthermore coedited Volume 9 of the "German Army 1939-1945: An Order of Battle" with Lowry Cole.

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

GENERAL INTRODUCTION

The greater part of the German Army's combat power consisted of infantry divisions, infantry divisions which depended on soldiers on foot for tactical movement, with support and service units overwhelmingly horse drawn. These infantry divisions were divided into 4 Wellen. **Welle** was the German designation for a group of divisions raised at approximately the same time, with approximately the same type of organization and equipment, that shared a similar type of personnel and level of training. The 1st Welle (active army) divisions and the 2nd Welle (reserve army) divisions have been discussed in Volume 1/II-1.

The 20 infantry divisions of the 3rd Welle were the peace time Army's Militia (*Landwehr*-) Divisions, and received virtually no active personnel upon mobilization. Upon mobilization, the 3rd Welle Divisions were therefor scheduled to received several weeks further training.

Some 88% of its personnel consisted either of Landwehr personnel or of IInd Class Reservists. Since these divisions consisted of older and less well-trained personnel, they were used for static, defensive purposes. The 3rd Welle divisions were provided with a larger amount of machine guns, engineer units and equipment, as well as a reduced amount of motor vehicles than the 1st and 2nd Welle Infantry Divisions. Furthermore, as most of the officers and NCO's had received less training, the organization of the units themselves was simplified.

Equipment was not always the most modern. Infantry weapons, for example, consisted in some cases of outdated equipment, (the MG 08/15, MG 13, or even the older MG 08). No mortars were issued. The artillery was equipped with the 10,5cm leFH 16 light field howitzer and even some 7,5cm FK 16 field guns. Heavy field howitzers also consisted of WWI or even Czech equipment.

Many units of the three divisions raised in East Prussia (206., 217., 228.) had more horse-drawn vehicles and less (if any) motor vehicles than their Reich counterparts. East Prussia – separated from the rest of Germany by Poland in the wake of WWI – was less developed industrially than the main part of Germany. The units of these three divisions with a different organization were identified with an "O" (for *Ostpreußen*), and had more personnel (wagon drivers and escorts), personal weapons, and, of course, wagons and horses. Particularly affected were the infantry, artillery, and engineers units. These had a higher number of horse-drawn vehicles than similar units in the main part of Germany, those distinguished by an "R" (for *Reich*).

The organization of the 17 Reich divisions was very similar, differing only in the type of baker company.

A twenty-first Landwehr division (the 14. Landwehr-Division) was also mobilized, but not within this wave, retaining its peacetime (militia) organization.

The manpower of 3rd Welle divisions was made up of:

- 1% active soldiers
- 12% Ist Class reservists
- 46% IInd Class reservists
- 42% *Landwehr*

Active Soldiers consisted either of the hand picked volunteer soldiers of the "100,000 Man Army", which were the best officers and men Germany had, or recruits who were receiving at least 12 months, later 24 months, training.

Ist Class Reservists were completely trained conscripts, released after serving one or later two years in the peace time Army.

IInd Class Reservists were troops from the "White Years" (soldiers born between 1901 – 1913), thus designated because they had not

seen military service in World War I. They were given only a short, (initially 2 months, later expanded to 3 months), introductory military training.

Landwehr consisted of older soldiers, making up the militia of the German Army, many of whom had been trained and participated in World War I.

The raising of infantry divisions for a 4th Welle was first contemplated in late 1938. The Supplementary (*Ergänzungs*-) units, consisting of "White Years" personnel (who had received a mere two or three months' training), would be used to fill up half of these divisions. The rest of the divisions were to be filled up with *Landwehr*, Militia units, the greater part of which had received their training as far back as WWI, some 20 to 25 years previously. Furthermore, none of the units of the 4th Welle divisions had received training above battalion echelon nor experienced large scale maneuvers. Hence, they were to receive an additional 14 days training specifically to remedy the lack of training, and were not scheduled for immediate deployment upon mobilization. The fourteen 4th Welle Divisions were mobilized on 31.08.39.

No 4th Welle divisions were raised in East Prussia.

The manpower of 4th Welle divisions was made up of:

- 8% active soldiers
- 21% Ist Class reservists
- 47% IInd Class reservists
- 24% *Landwehr*

Equipment for both Welle divisions, as with all German divisions, was not sufficient. Both the war diaries of Halder, Chief-of-Staff of the O.K.H. from 1939 – 1942 (O.K.H. = German Army High Command), and the official war diaries of the O.K.W. (O.K.W. = German Armed Forces High Command), are full of remarks regarding the serious lack of equipment, specialist personnel, and vehicles of all sorts.

Not all equipment indicated was produced by Germany in sufficient numbers to satisfy the needs of all the tables of organization. Indeed, it is doubtful if any unit ever had the exact number and certainly not all the types of vehicles and equipment prescribed by the KStN (*Kriegsstärkenachweisungen* = tables of organization). Many KStN of this era already indicated acceptable civilian substitutes for standard Army equipment.

This book draws on the official German mobilization plan for 1939/40, the tables of organization (*Kriegsstärkenachweisung*), orders of battle (*Kriegsgliederung*), and Army Publications (*Heeresdienstvorschrift*) used by the Army at the time. Material in archives in various countries has been extensively researched.

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 Army of the period.

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

HOW TO READ THE CHARTS

Dates are indicated in the following manner: Day.Month.Year. (Thus 1.09.1943 is the 1st Day of September 1939).

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

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

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

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

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

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

Where using German designations, the German practice has been followed (i.e.: 3,7cm Pak). Otherwise, the English usage prevails: (i.e. 37mm 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. Truck

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

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

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

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

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

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

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

1 Mortar Section: rides with one of the infantry squad's vehicles, or,

2 Pack Radio Sect: ride together in one truck (2-ton).

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

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

TABLES OF ORGANIZATION – KRIEGSTÄRKENACHWEISUNGEN

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

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

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

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

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

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

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

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

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

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

The symbols in this book are based on the official German handbook of military symbols (H.Dv. 272) of 1938 – with amendments of the symbols as used in the organizational charts (Besondere Anlage 8 of the Mobilization Plans of 1939/1940). 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.

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. A wheel and a track symbol indicated a halftracked armored vehicle.

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. The only exception found was the Baker Company, which merely had the symbol representing a loaf of bread.

Excluded from this were the firing artillery (tube, rocket-launcher, and 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 under a company headquarters, (such as a heavy company) – and each of these sub-units had its own KStN – these symbols were placed side-by-side and had a company echelon symbol placed over them.

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.

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 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 were distributed to other sub-units in combat. It could either have its own small headquarters section, or one of the components' leaders could carry out a dual function.

Kolonne (Column) 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 light '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 sub-division 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 be part of the designation for a headquarters echelon 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.

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
Mountain	Bicycle	Machine Gun	Infantry Anti-Aircraft	Mixed Mobility	Motorized	Motorcycle	Tank	Anti-Tank	Artillery	Artillery Observation	Construction
Foot / Horse-Drawn	Mountain	Ski	Sled	Pack Animal	Bicycle	Mixed Mobility	Motorized	Motorcycle	Halftrack Towed	Self-Propelled	Halftrack

LUFTWAFFE GROUND COMBAT UNITS

Luftwaffe Flak Regiment Headquarters	Luftwaffe Lt. Flak Bn. Headquarters	Luftwaffe Hvy. Flak Bn. Headquarters	Luftwaffe Light (20mm) Flak Battery	Luftwaffe Light (37mm) Flak Battery	Luftwaffe Heavy (88mm) Flak Battery	Luftwaffe Searchlight Flak Battery	Luftwaffe Flak Transport Column (mot)	Luftwaffe Signal Bn. Headquarters	Luftwaffe Radio Company	Luftwaffe Telephone Company	Luftwaffe Telephone Operations Co.

WEAPON SYMBOLS

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

INFANTRY UNITS AND MOUNTAIN UNITS

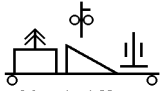
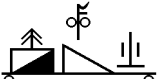
											
Infantry Platoon	Infantry Company	Infantry Heavy Company	Infantry Bicycle Platoon	Infantry Engineer Platoon	Infantry Signal Platoon	Infantry Anti-Tank Platoon	Infantry Gun Company	Light Anti-Aircraft Co. (mot)	Infantry Mounted Recon. Plt.	Light Infantry Transport Column	
											
Mountain Infantry Platoon	Mountain Infantry Company	Mountain Heavy Company	Mountain Bicycle Inf. Plt.	Mountain Engineer Platoon	Mountain Signal Platoon	Mountain Anti-Tank Co. (mot)		Mountain Lt. Inf. Gun. Platoon	Light Mtn. Anti-Aircraft Co. (mot)	Mountain Machine Gun Platoon	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 Anti-Tank Co. (mot)	Infantry Gun Company (motorized)	Infantry Gun Platoon (motorized)	Light Anti-Aircraft Co. (mot)	Machine Gun Company (motorized)	Light Infantry Transport Column (mot)

ENGINEER UNITS

Engineer Platoon	Engineer Company	Mountain Engineer Company	Engineer Company (motorized)	Bridge Construction Company	Construction Company	Road Construction Company	Engineer Equipment Plt. (mot)	Engineer Searchlight Plt. (mot)	Engineer Snow-Clearing Plt. (mot)		
Bridge Column B (motorized)	Bridge Column K (motorized)	Bridge Detachment D (motorized)	Unit of Bridge Equipment H	Unit of Bridge Equipment leZ	Unit of Bridge Equipment sS	Bridge Unit with Escort Detachment	Bridge Column Unit & Escort Detachment	Railroad Engineer Company	Light Engineer Transport Column (mot)		

German Organizational Symbols 1939

MOBILE TROOPS

 Motorized Infantry Platoon	 Motorized Infantry Company	 Motorized Machine Gun Company	 Motorized Heavy Company (typical example)	 Motorized Engineer Platoon	 Motorized Infantry Gun Platoon	 Motorized Mortar Platoon	 Motorized Anti-Tank Company	 Motorcycle Infantry Platoon	 Motorcycle Infantry Company	 Motorcycle Machine Gun Company
 Cavalry Bicycle Recon. Co.	 Motorcycle Recon. Platoon	 Motorcycle Recon. Company	 Motorized Heavy Reconnaissance Company (typical example)	 Motorized Recon. Lt. I.G. Plt.	 Armored Car Platoon	 Armored Car Company	 Mot. Recon. Signal Platoon	 Light Recon. Transport Column		
 Cavalry Platoon	 Cavalry Company	 Cavalry Machine Gun Company	 Cavalry Bicycle Company	 Cavalry Heavy Company	 Cavalry Recon. Platoon	 Cavalry Infantry Gun Platoon	 Cavalry Engineer Platoon	 Cavalry Anti-Tank Platoon	 Cavalry Motorized Heavy Company (typical example)	 Cavalry Signal Platoon
 Light Tank Platoon	 Light Tank Company	 Light Tank Company a	 Medium Tank Company	 Headquarters Company	 Reserve Tank Detachment	 Tank Maintenance Platoon	 Tank Maintenance Company	 Armored Signal Platoon	 Light Panzer Transport Column	

ARTILLERY UNITS

 75mm Field Gun Battery	 75mm Mtn. Gun Battery (GK 15)	 105mm Mtn. Howitzer Battery	 75mm Field Gun Battery (FK 16nA)	 75mm Cav. Gun Battery (FK 16nA)	 75mm Field Gun Battery (FK 18)	 105mm Field Howitzer Battery	 105mm Field Howitzer Bty. (l. FH 16)	 105mm Field Howitzer Bty. (l. 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. (sFH 18)
 210mm Howitzer Bty. (lange Mörser)	 210mm Howitzer Bty. (M 18)	 240mm Howitzer Bty. (H 39)	 305mm Howitzer Battery		 105mm Rocket Launcher Bty. (Nb. W. 35)	 Decontamination Battery			 Headquarters Battery	 Motorized Headquarters Battery	 Hqs. Bty. Art. Obs. Battalion
 Motorized Calibration Detachment	 Mountain Calibration Detachment	 Calibration Platoon	 Weather Detachment	 Motorized Weather Platoon	 Calibration Battery	 Sound-Ranging Battery	 Flash-Ranging Battery	 Balloon Detachment	 Motorized Balloon Battery	 Artillery Transport Column (mot)	 Artillery Motor Towing Detachment

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	 Light Signal Transport Column (mot)
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REAR ECHELON UNITS

 Horse-Drawn Transport Column (15t)	 Horse-Drawn Transport Column (30t)	 Horse-Drawn Transport Column (60t)	 Motorized Transport Column (30t)	 Motorized Transport Column (60t)	 Motorized 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	 Mot. Horse Transport Column
 Motorized Bakery Company	 Motorized Butchery Platoon	 Commissary Detachment	 Motorized Field Post Detachment	 Motorized Military Police 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

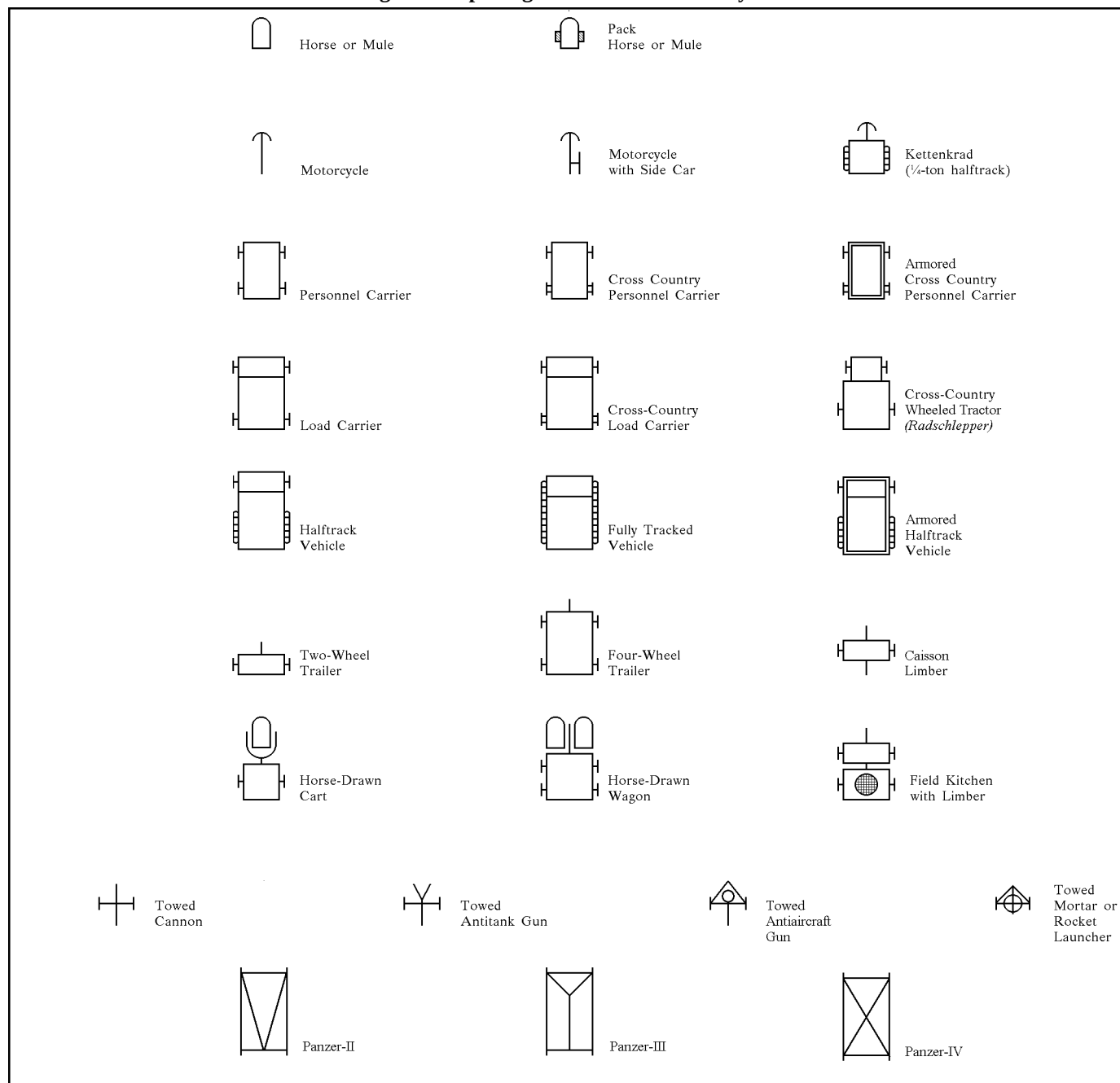
Pictograms Depicting Individual Figure Symbols (excerpts)

Symbol	Billet Group	Definition	Symbol	Billet Group	Definition
⚙	D	Divisional Commander / General Officer in a "D" Group billet <i>Divisionskommandeur / Offizier in D-Stelle</i>	○	M	Enlisted Man <i>Mann</i>
⚙	I	Infantry, Artillery, or Brigade Commander / General Officer in an "I" Group billet. <i>Infanterie-, Artillerie-, Brigadekommandeur / Offizier in I-Stelle</i>	⊙	M	Messenger in the Company Headquarters Section <i>Melder beim Kompanietrupp</i>
⚙	R	Regiment Commander / Officer in an "R" Group billet <i>Regimentskommandeur / Offizier in R-Stelle</i>	✂	M	Messenger with Scissors Telescope in the Company Headquarters Section <i>Melder beim Kompanietrupp / zugleich Scherenfernrohrträger</i>
⚙	B	Battalion Commander / Officer in a "B" Group billet <i>Abteilungs- bzw. Bataillonskommandeur / Offizier in B-Stelle</i>	📡	M	Messenger / Bugler in the Company Headquarters Section <i>Melder beim Kompanietrupp / zugleich Hornist</i>
⚙	K	Company, Squadron, or Battery Commander / Officer in a "K" Billet group <i>Kompanie-, Schwadron-, bzw. Batterieführer / Offizier in K-Stelle</i>	🚲	M	Messenger on Bicycle in the Company Headquarters Section <i>Melder beim Kompanietrupp auf Fahrrad</i>
⚙	K	Company Headquarters Section Leader <i>Kompanietruppführer</i>	🚲	M	Bicyclist in the Company Headquarters Section <i>Radfahrer beim Kompanietrupp</i>
⚙	K	Battalion Physician <i>Bataillonsarzt</i>	🚲	M	Messenger on Motorcycle in the Company Headquarters Section <i>Krafttradfahrer als Melder beim Kompanietrupp</i>
⚙	Z	Platoon Leader / Officer in a "Z" Billet group <i>Zugführer / Offizier in Z-Stelle</i>	🚲	M	Motorcyclist in the Company Headquarters Section <i>Krafttradfahrer beim Kompanietrupp</i>
⚙	Z	Medical Officer / Assistant Physician <i>Sanitätssoffizier / Hilfsarzt</i>	⊙	M	Medic in the Company Headquarters Section <i>Sanitäter beim Kompanietrupp</i>
⚙	–	Higher and Upper Service Career Civilian Employee (commissioned rank official) <i>Beamter Gehobener und Höherer Dienst (in Offiziersrang)</i>	📡	M	Messenger in the Platoon Headquarters Section <i>Melder beim Zugtrupp</i>
⚙	O	Middle Service Career Civilian Employee (senior noncommissioned rank official) <i>Beamter Mittlerer Dienst (im Unteroffiziersrang)</i>	📡	M	Messenger / Bugler in the Platoon Headquarters Section <i>Melder beim Zugtrupp / zugleich Hornist</i>
⚙	O	Senior Sergeant <i>Oberfeldwebel</i>	📡	P	No. 1 Antitank Gunner <i>Schütze 1 im Panzerbüchsentrupp</i>
⚙	O	Senior Sergeant, Leader <i>Oberfeldwebel, Führer</i>	📡	P	No. 2 Antitank Gunner <i>Schütze 2 im Panzerbüchsentrupp</i>
⚙	O	Senior Staff Sergeant <i>Stabsfeldwebel</i>	📡	M	Sniper <i>Scharfschütze</i>
⚙	O	Company First Sergeant <i>Hauptfeldwebel</i>	✂	M	Scissors Telescope Carrier <i>Scherenfernrohrträger</i>
⚙	O	Company First Sergeant on Bicycle <i>Hauptfeldwebel auf Fahrrad</i>	📡	M	Distance Measurer <i>Entfernungsmessmann</i>
⚙	O	Explosives Sergeant <i>Feuermeister</i>	📡	M	Telephone Operator / Wireman <i>Fernsprecher</i>
⚙	G	Platoon Headquarters Section Leader <i>Zugtruppführer</i>	📡	M	Radio Operator <i>Funker</i>
⚙	G	Sergeant <i>Unteroffizier</i>	📡	M	Machine Gunner <i>Maschinengewehrscütze (Richtschütze)</i>
⚙	G	Middle Service Career Civilian Employee (junior noncommissioned rank official) <i>Beamter Mittlerer Dienst (im Unteroffiziersrang)</i>	📡	M	Assistant Machine Gunner <i>Maschinengewehrscütze</i>
⚙	G	Sergeant (Section / Squad) Leader <i>Gruppenführer</i>	📡	M	Rifleman with Grenade Launcher <i>Schütze mit Schießbech (Gewehrgranatgerät)</i>
⚙	G	Sniper Section Leader <i>Führer des Scharfschützentrupps</i>	📡	M	No. 1 Mortarman <i>Granatwerferschütze 1</i>
⚙	G	Antitank Rifle Section Leader <i>Führer des Panzerbüchsentrupps</i>	📡	M	No. 2 Mortarman <i>Granatwerferschütze 2</i>
⚙	G	Assistant (Section / Squad) Leader <i>Stellvertretender Gruppenführer</i>	📡	M	Stretcher Bearer <i>Krankenräger</i>
⚙	G	Sergeant filling position of a Senior Sergeant <i>Oberfeldwebel Diensttuer</i>	📡	M	Bicyclist <i>Radfahrer</i>
⚙	G	Sergeant with Scissors Telescope <i>Unteroffizier mit Scherenfernrohr</i>	📡	M	Motorcyclist <i>Krafttradfahrer</i>
⚙	G	Medical Sergeant <i>Sanitätsunteroffizier</i>	📡	–	Foreign Auxiliary Volunteer <i>Hilfswilliger</i>
⚙	G	Mortar Section Leader <i>Unteroffizier, Führer des Granatwerfertrupps</i>	📡	M	Lower Service Career Civilian Employee (enlisted rank official) <i>Beamter Einfacher Dienst (im Mannschaftsrank)</i>
⚙	–	Artillery Observer <i>Artilleriebeobachter</i>	📡	M	Motor Vehicle Driver <i>Kraftfahrer</i>

Abbreviations:

Adj	Adjutant	o.O.	Ordonnanz Offizier	Aide to a General Staff Officer
B	Fahnschmied	Ord	Ordonnanz	Enlisted orderly
Bäck	Bäker	Pf	Pferdehalter, Pferdepfleger	Horse Holder, Groom
Be	Beamte	Pi	Pionier	Pioneer / Engineer
Beob	Beobachtung	Pol	Polizei	Military Policeman
Beritt	Berittführer	R	Rechnungsführer	Accounts Clerk
Betr	Betriebsstoff	Rech	Rechner	Calculator
Bl	Blinker	RK	Richtkreis	Direction Finder
Dreh	Dreher	Rad	Radfahrer	Bicyclist
Druck	Drucker	S	Scherenfernrohr	Scissors Telescope
Elt	Elektromechaniker	San	Sanitäts-	Medical / Medic
EM	Entfernungsmesser	Sat	Sattler	Saddle Maker
F	Feuermeister	Schir	Schirrmeister	Specialist Sergeant
Fahr	Fahrer		Schirrmeister (Ch)	for Chemical Warfare Equipment
Fe	Fernsprecher		Schirrmeister (F)	for Horse-Drawn Transportation Matters
Fhr	Führer		Schirrmeister (Fz)	for Army Ordnance Matters
Ft	Futter		Schirrmeister (K)	for Motor Vehicle Equipment
Fu	Funker		Schirrmeister (P)	for Engineering Matters
FuM	Funkmeister		Schirrmeister (Sch)	for Searchlight Equipment
G	Gerät	Schl	Schächter	Butcher
Gas	Gasschutz	Schm	Schmied	Smith
GewF	Gewehrführer	Schn	Schneider	Tailor
H	Handwerker	Schr	Schreiber	Clerk
H	Hauptfeldwebel	Schu	Schuhmacher	Cobbler
Ing	Ingenieur	Stell	Stellmacher	Wheelwright
K	Koch	St	Stellungs-	Ranging
Kf	Kraftfahr	Tisch	Tischler	Carpenter
Kl	Klempner	V	Verpflegung	Commissary / Rations
L	Ladeschütze	V	Verwaltung	Administration
M	Melder	Ver	Vermessungsmann	Distance Measurer
Mal	Maler	Vet	Veterinär	Veterinary
Mau	Maurer	W	Waffen-	Armorer
Meß	Messdienst	WF	Waffenführer	Weapon Commander
Mot	Motorenschlosser	Wm	Waffenmeister	Master Armorer
Mun	Munition	Zahl	Zahlmeister	Paymaster
N	Nachrichten	Zei	Zeichner	Draftsman

Pictograms Depicting Vehicle and Animal Symbols



NOTES to personnel symbols:

The basic symbols with a few examples are depicted here. Other depictions use these basic symbols in combination, usually enhanced by abbreviations. The symbols were used to define billets (personnel positions / slots). Not ranks.

There was no fixed use of abbreviations, and to find their meaning, it is helpful to observe where they are used and what billet they might represent. If a billet held a certain title, but the symbol alone was unclear, an abbreviation was added. In other cases, the symbol itself was unable to depict all characteristics of the position, and the abbreviations were used to define the missing ones.

Some diagrams used a simplified symbol version. The personnel symbols were kept very basic, and they were not liberally decorated with abbreviations. Abbreviations might be reduced, whereby, for example, merely an "S" instead of "Schir" for the Specialist Sergeant, or "P" instead of "PF" for the grooms were used, etc.

See also:

German Army ranks and Stellengruppen (billet groups), in the Annex
German military personnel job descriptions, in the Annex

NOTES to vehicle symbols:

There was no fixed use of abbreviations, and to find their meaning, it is helpful to observe where they are used and what vehicle is meant.

Most pictograms were not liberally decorated with these abbreviations, and some diagrams used a simplified symbol version.

Where diagrams have not been available, the simplified form of symbols has been used.

Abbreviations found with vehicle symbols:

A	Stromerzeugeraggregat	generator Type A
Be	Belag	bridge tread
Bo	Bock	trundles
D	Stromerzeugeraggregat	generator Type D
Dr	Drucklufterzeuger	air compressor
Fl	Flossack	rubber raft (lit.: air bags)
Fl.S.	Flossack-Schnellsteg	assault bridge on rubber rafts
Fs	Fahrseil	winch
Ks	Kradschützensteg	motorcycle bridge
M	M-Bootanhänger	trailer with motor boat
P	Ponton	pontoon
Rp	Rampen	ramps
Sl	Sammlerladegerät	accumulator (battery) charger
Sp	Spurtafel-Brücke	narrow assault bridge
Stb	Sturmbootanhänger	trailer with assault boats
T	Träger	support beams
Tl	Tiefladeanhänger	low bed trailer
Üs	Übergangsschienen	connecting ramps

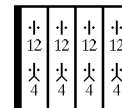
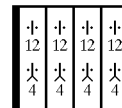
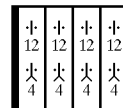
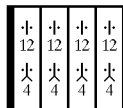
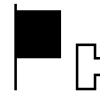
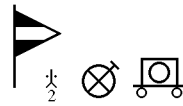
ABBREVIATIONS

Abbr.	German	English	Abbr.	German	English
A			kl	klein	small, light
AA	–	anti-aircraft	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	–	anti-tank	lt	–	light
ATG	–	anti-tank gun	Lw, Ldw	Landwehr	Militia / National Guard
ATR	–	anti-tank 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	MTW	Mannschaftstransportwagen	armored personnel carrier
Bty	–	Battery (Company echelon unit)	N		
C			Nachr	Nachrichten-	signal
cc	–	cross-country	Nbl	Nebel	smoke
Co	–	Company	Nbl W	Nebelwerfer	rocket launcher
CO	–	commanding officer	NCO	–	Non-Commissioned Officer
Col	–	(unit) Column	O		
Col	–	(rank) colonel	Ob	Oberbefehlshaber	Commander-in-Chief
D			Off	–	Officer
Det	–	Detachment	OKH	Oberkommando des Heeres	Army High Command
–	Dienst(e)-	service(s)	OKW	Oberkommando der Wehrmacht	Armed Forces High Command
Div	Division	Division	ops	–	operations
E			P		
(E)	Eisenbahn	railroad	Pak	Panzerabwehrkanone	(weapon) anti-tank gun
EM	–	Enlisted Man	Pz Abw	Panzer-Abwehr	(unit) anti-tank
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	R		
Fla	Fliegerabwehr	anti-aircraft	Recon	–	reconnaissance
Flak	Flugabwehrkanone	(weapon) anti-aircraft gun	Rgt	Regiment	Regiment
Flak	Flugabwehr	(unit) anti-aircraft defense	S		
–	Führungsstab z.b.V.	Headquarters for Special	s, schw	schwer	heavy
Purposes	–	–	S	Schützen	mechanized infantry (lit.: riflemen)
G			Sch	Schallmess	sound ranging
G, Gesch	Geschütz	gun (cannon)	Schw	Schwadron	Company echelon unit (lit.: squadron)
Geb	Gebirgs-	mountain	Sd	sonder	special
Gen	–	(rank) general	Sd Kfz	Sonder-Kraftfahrzeug	special military motor vehicle
gem	gemischt(e)(er)-	mixed	Sect	–	Section
GHQ	–	General Headquarters	SMG	–	sub machine gun
GK	Gebirgskanone	mountain gun	SP, SP'd	–	self-propelled
Gen Kdo	General Kommando	Corps echelon Command	Sdq	–	Squad
gp, gep	gepanzert	armored	Sqdn	–	Squadron (Company echelon unit)
Gr	Gruppe	Group	SS	Waffen-SS	Nazi Party military arm
Grz	Grenz	Border	SS-VT	SS-Verfügungs-Truppen	SS combat troops (Waffen-SS)
Grz Schtz	Grenzschtz	Border Protection	ss, sw	schwerste	super heavy
Grz Tr	Grenztruppen	Border Troops	St, Stb	Stab	headquarters
Grz Wa	Grenzwacht	Border Guards	T		
GSO	(Beamte)	Government Service Official	(t)	tschechisch	Czechoslovakian
H			tele	–	telephone
H, Haub	Haubitze	howitzer	Tr	Trupp/Trupps	(unit) Section (lit.: Troop)/Sections
H Tr	Heerestruppen	GHQ Troops	Tr	Truppen	(general designation) Troops
Harko	Höhere Artillerie Kommandeur	Higher Artillery Commander	V		
HE	–	high explosive	Verb	Verband	formation
Hgr	Heeresgruppe	Army Group	verl	verlastet	truck-borne / portee
HMG	–	heavy machine gun	Versorg	Versorgungs-	support
Hqs	–	headquarters	Verpfl A	Verpflegungsamt	rations administration section
hvy	–	heavy	W		
I			w/ (w/o)	–	with (without)
IG	Infanterie-Geschütze	infantry gun	–	Welle	mobilization group (lit.: wave)
I, Inf	Infanterie	Infantry	–	Werkstatt	maintenance (lit.: workshop)
K			Wfr	Werfer	(rocket-, grenade-) launcher
K, Kan	Kanone	gun	WK	Wehrkreis	Military District
Kav	Kavallerie	Cavalry	Z		
Kdo	Kommando	Command	zbV	zur besonderer Verwendung	for special purposes / use
Kdr	Kommandeur	commander	Zug	–	(unit) Platoon
Kdt	Kommandant	commandant	Zug	–	(vehicle) prime mover

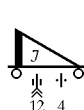
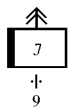
ORDER OF BATTLE

Army Group	Army	Corps	Formations and Units	NOTES:
NORD 73. Infanterie-Division 206. Infanterie-Division 208. Infanterie-Division <				

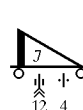
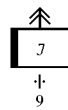
3. Welle Infantry Division

3. Welle
1.09.1939

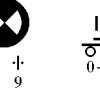
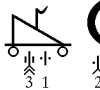
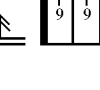
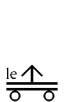
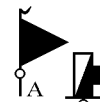
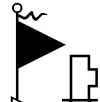
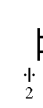
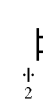
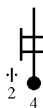
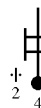
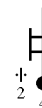
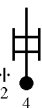
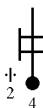
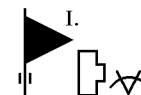
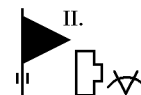
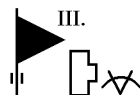
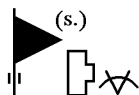
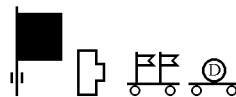
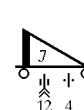
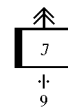
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Order of Battle – 3rd Wave Infantry Divisions – 1.09.1939

Inf. Div.	Inf. Rgt.	Inf. Rgt.	Inf. Rgt.	Art. Rgt.	Hvy. Art.Bn.	Recon Bn.	Antitank Bn.	Engr Bn.	Signal Bn.	Service Units	Raised	Home WK	Commanded by
206.	301	312	413	206	IV./206	206	206	206	206	206	26.08.39	I	Gen.Lt. Hugo Höfl
207.	322	368	374	207	IV./207	207	207	207	207	207	26.08.39	II	Gen.Lt. Karl von Tiedemann
208.	309	337	338	208	IV./208	208	208	208	208	208	26.08.39	III	Gen.Lt. Moritz Andreas
209.	304	394	414	209	IV./209	209	209	209	209	209	26.08.39	IV	Gen.Maj. Hans Stengel
211.	306	317	365	211	IV./211	211	211	211	211	211	26.08.39	VI	Gen.Lt. Kurt Renner
212.	316	320	423	212	IV./212	212	212	212	212	212	26.08.39	VII	Gen.Maj. Walter Friedrichs
213.	318	354	406	213	IV./213	213	213	213	213	213	26.08.39	VIII	Gen.Lt. René de l'Homme de Courbière
214.	355	367	388	214	IV./214	214	214	214	214	214	26.08.39	IX	Gen.Lt. Theodor Groppe
215.	380	390	435	215	IV./215	215	215	215	215	215	26.08.39	V	Gen.Lt. Baptist Kniess
216.	348	396	398	216	IV./216	216	216	216	216	216	26.08.39	XI	Gen.Lt. Hermann Boettcher
217.	311	346	389	217	IV./217	217	217	217	217	217	26.08.39	I	Gen.Lt. Richard Baltzer
218.	323	386	397	218	IV./218	218	218	218	218	218	26.08.39	III	Gen.Lt. Woldemar Frhr. von Grote
221.	350	360	375	221	IV./221	221	221	221	221	221	26.08.39	VIII	Gen.Lt. Johann Pflugpeil
223.	344	385	425	223	IV./223	223	223	223	223	223	26.08.39	IV	Gen.Lt. Paul Willi Körner
225.	333	376	377	225	IV./225	225	225	225	225	225	26.08.39	X	Gen.Lt. Ernst Schaumburg
227.	328	366	412	227	IV./227	227	227	227	227	227	26.08.39	VI	Gen.Maj. Friedrich Zickwolff
228.	325	356	400	228	IV./228	228	228	228	228	228	26.08.39	I	Gen.Maj. Hans Suttner
231.	302	319	342	231	IV./231	231	231	231	231	231	26.08.39	XIII	Gen.Maj. Hans Schönhärl
239.	327	372	444	239	IV./239	239	239	239	239	239	26.08.39	VIII	Gen.Lt. Ferdinand Neuling
246.	313	352	404	246	IV./246	246	246	246	246	246	26.08.39	XII	Gen.Lt. Erich Deneke

Gen.Maj. = Generalmajor (US Army equivalent is Brigadier General)

Gen.Lt. = Generalleutnant (US Army equivalent is Major General)

Gen.der Inf. = General der Infanterie (US Army equivalent is Lieutenant General)

Authorized Establishment of the 3rd Welle Infantry Divisions in accordance with the 39/40 Mobilization Plan			
	207., 209., 211., 212., 214., 221., 223., 225., 227. Inf.Div.	208., 213., 215., 216., 218., 231., 239., 246. Inf.Div.	206., 217., 228. Inf.Div.
Personnel			
Officers	578	578	594
Officials (Beamten)	94	94	94
Non-Commissioned Officers	2,722	2,722	2,788
Enlisted Men	14,517	14,507	15,169
Total Personnel	17,911	17,901	18,645
Animals			
Heavy Draught Horses	1,025	1,027	965
Light Draught Horses	3,372	3,350	4,174
Riding Horses	1,656	1,656	1,788
Total Animals	6,053	6,033	6,927
Non-Motorized Vehicles			
Horse-Drawn Wagons and Carts	1,529	1,529	1,746
Vehicles (misc.)	6	6	6
Motor-Towed Trailers (multi-axle)	12	12	12
Motor-Towed Trailers (single-axle)	84	84	83
Total Non-Motorized Vehicles	1,631	1,631	1,847
Motor Vehicles			
Personnel Carriers	330	330	327
Load Carriers & Prime Movers	248	248	182
Armored Vehicles	–	–	–
Solo Motorcycles	247	247	250
Motorcycles with Sidecars	168	168	157
Total Motor Vehicles	993	993	916
Weapons			
Pistols	4,640	4,640	4,726
Rifles	12,679	12,669	13,359
Sub-Machine Guns	–	–	–
Light Machine Guns	559	559	559
Heavy Machine Guns	150	150	150
20mm Anti-Aircraft Guns	–	–	–
37mm Anti-Tank Guns	75	75	75
50mm Light Mortars	–	–	–
81mm Medium Mortars	–	–	–
75mm Light Infantry Guns	26	26	26
150mm Heavy Infantry Guns	–	–	–
105mm Light Field Howitzers	36	36	36
150mm Heavy Field Howitzers	12	12	12

NOTES:

Standard 3rd Welle Infanterie-Division were: 207., 209., 211., 212., 214., 221., 223., 225., 227.

Deviating from the norm were:

The 208., 213., 215., 216., 218., 231., 239., 246. Infanterie-Division varied only very slightly, having a different Baker Company.

In East Prussia the 206., 217., and 228. Infanterie-Division (Ostpreußen):

light artillery battalions had one 32-ton horse-drawn transport column each;

all heavy field howitzers were s.FH Model 13, not ie.FH Model 18.

heavy artillery battalion had three 18-ton horse-drawn transport columns;

1 motorized and 8 horse-drawn (30-ton) transport columns;

horse-drawn supply company;

workshop platoon instead of a company;

horse-drawn baker company;

horse-drawn field hospital;

only one motor ambulance platoon.

KOMMANDO EINES INFANTERIEDIVISIONS

Headquarters of an Infantry Division

KStN 21 *) – 1.10.1937

DIVISIONSKOMMANDEUR – *DIVISION COMMANDER*

- Feldgendarmerietrupp – *Military Police Section* [1]

FÜHRUNGSABTEILUNG – *COMMAND GROUP*

Ia Erster Generalstabsoffizier – *Chief of Operations*

- O1 Erster Ordonanzoffizier – *1st Assistant Adjutant*

Ic Dritter Generalstabsoffizier – *Chief Intelligence Officer*

- O3 Dritter Ordonanzoffizier – *3rd Assistant Adjutant*
- Kradmeldezug – *Motorcycle Messenger Platoon* [1]
- Divisionskartenstelle – *Division Mapping Unit* [1]

Divisions-Artillerieführer – *Division Artillery Officer* [Commanding Officer of the Artillery Regiment]

Divisions-Pionierführer – *Division Pioneer Officer* [Commanding Officer of the Engineer Battalion]

Divisions-Nachrichtenführer – *Division Signal Officer* [Commanding Officer of the Signal Battalion]

QUARTERMEISTER – *QUARTERMASTER*

Ib Zweiter Generalstabsoffizier – *Quartermaster*

- O2 2. Ordonanzoffizier – *2nd Assistant Adjutant*
- Ib/WuG Waffen- und Geräte-Offizier – *Arms and Equipment Officer*
- Ib/Kfz Kraftfahrzeugoffizier – *Division Motor Pool Officer*

IVa Divisionsintendant – *Division Commissary Officer*

- Divisionskasse – *Division Pay Office*
- Divisions-Verpflegungsamt – *Division Commissary Section*
- Bäckereikompanie – *Baker Company*
- Schlachteriekompanie – *Butcher Company*

IVb Divisionsarzt – *Division Surgeon*

- Sanitätskompanien – *Medical Companies*
- Feldlazarett – *Field Hospital*
- Krankenkraftwagenzüge – *Ambulance Platoons*
- All medical services and medical personnel of the division

IVc Divisionsveterinär – *Division Veterinarian*

- Veterinärkompanie – *Veterinary Company*
- All veterinary services and veterinary personnel of the division

V Divisionsingenieur – *Division Motor Officer*

Feldpostmeister – *Field Postmaster* [Postmaster of the Field Post Detachment]

- Feldpostamt – *Field Post Detachment* [1]

DiNaFü Divisionsnachschubführer – *Chief of Division Supply* [Commanding Officer of the Supply Battalion] [2]

- Nachschubabteilung – *Supply Battalion* [2]
- All ration trains of the division
- All combat trains of the division

ADJUTANTUR – *ADJUTANT'S OFFICE*

IIa Divisionsadjutant – *Division Adjutant*

III Divisionsgericht – *Division Judge Advocate*

IVd Divisionspfarrer – *Division Chaplains*

St.Qu. Kommandant des Stabsquartiers – *Headquarters Commandant*

- Zahlmeister – *Staff Paymaster*
- Verpflegungstrass – *Ration Trains*
- Kraftfahrzeugstaffel – *Motor Pool*
 - Kraftwagengruppe – *Motor Vehicle Section*
 - Kraftfahrzeuginstandsetzungstrupp – *Motor Maintenance Section*
- Infanterie-Stabswache – *Headquarters Guard*

NOTES:

- [1] The “independent” Military Police Section, Motorcycle Messenger Platoon, Division Mapping Unit, and Field Post Detachment, (although each having its own KStN – see next page), were fully integrated into the division headquarters at all times, and attached to the **St.Qu.** for administration, mess, and supply.
- [2] In practice, the staff of the Supply Battalion operated within the division headquarters as the personal staff for the **DiNaFü** as well as the command echelon for the battalion itself.

Division Headquarters Strength:

(including, Military Police Section, Motorcycle Messenger Platoon, Division Mapping Unit, and Field Post Detachment):

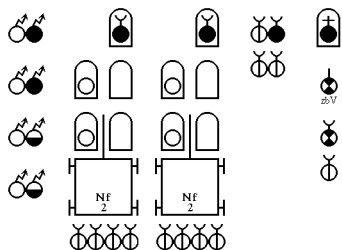
- 19 Officers
- 31 Beamten (including 18 in the Field Post Detachment)
- 63 Non-Commissioned Officers (including 35 in the Military Police Section)
- 145 Enlisted Men
 - 6 riding horses
 - 18 personnel carriers
 - 17 load carriers
 - 48 motorcycles
 - 3 motorcycles with side car
 - 2 heavy machine guns

KStN 2251 – 1.04.35	KStN 2033 *) – 1.10.38	KStN 1067 *) – 1.10.38	KStN 2076 *) – 1.10.38
Field Post Office	Military Police Detachment	Motorcycle Messenger Platoon	Divisional Mapping Unit

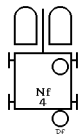
STAB & STABSEINHEITEN, INFANTERIEREGIMENT (Division 3. Welle)
Headquarters and Headquarters Units, Infantry Regiment (3rd Welle Division)

KStN 221 – 1.11.37

Signal Platoon



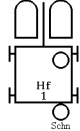
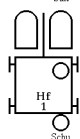
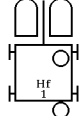
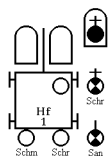
Platoon Trains



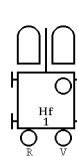
1 Light Telephone Section a
 2 Medium Telephone Section a
 4 Pack Radio Section d

KStN 101(O) – 1.11.37

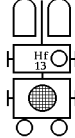
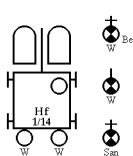
Regimental Headquarters

Baggage
Trains

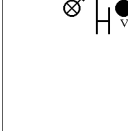
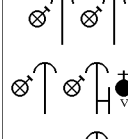
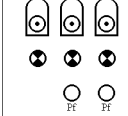
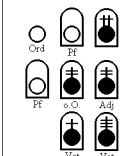
Also provides
 transport for the
 Regimental
 Infantry Gun
 Company

Provisions
Trains

Normally
 attached to one
 of the Battalion
 Provisions
 Trains

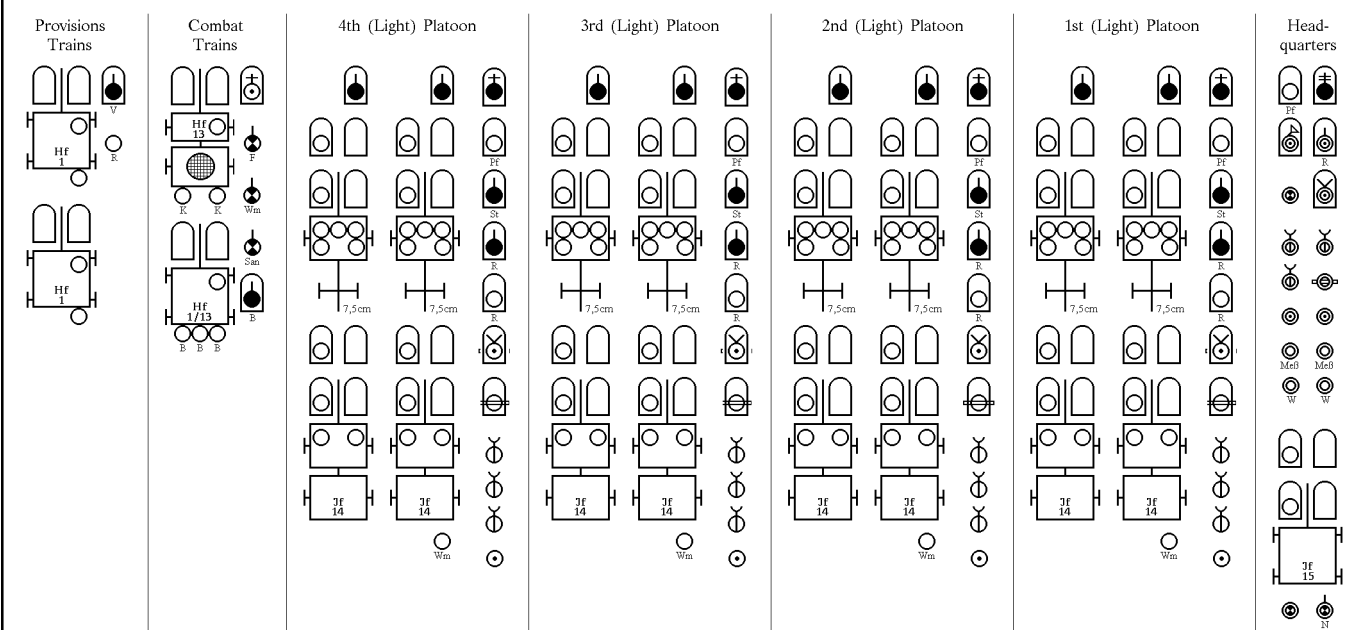
Combat
Trains

Headquarters



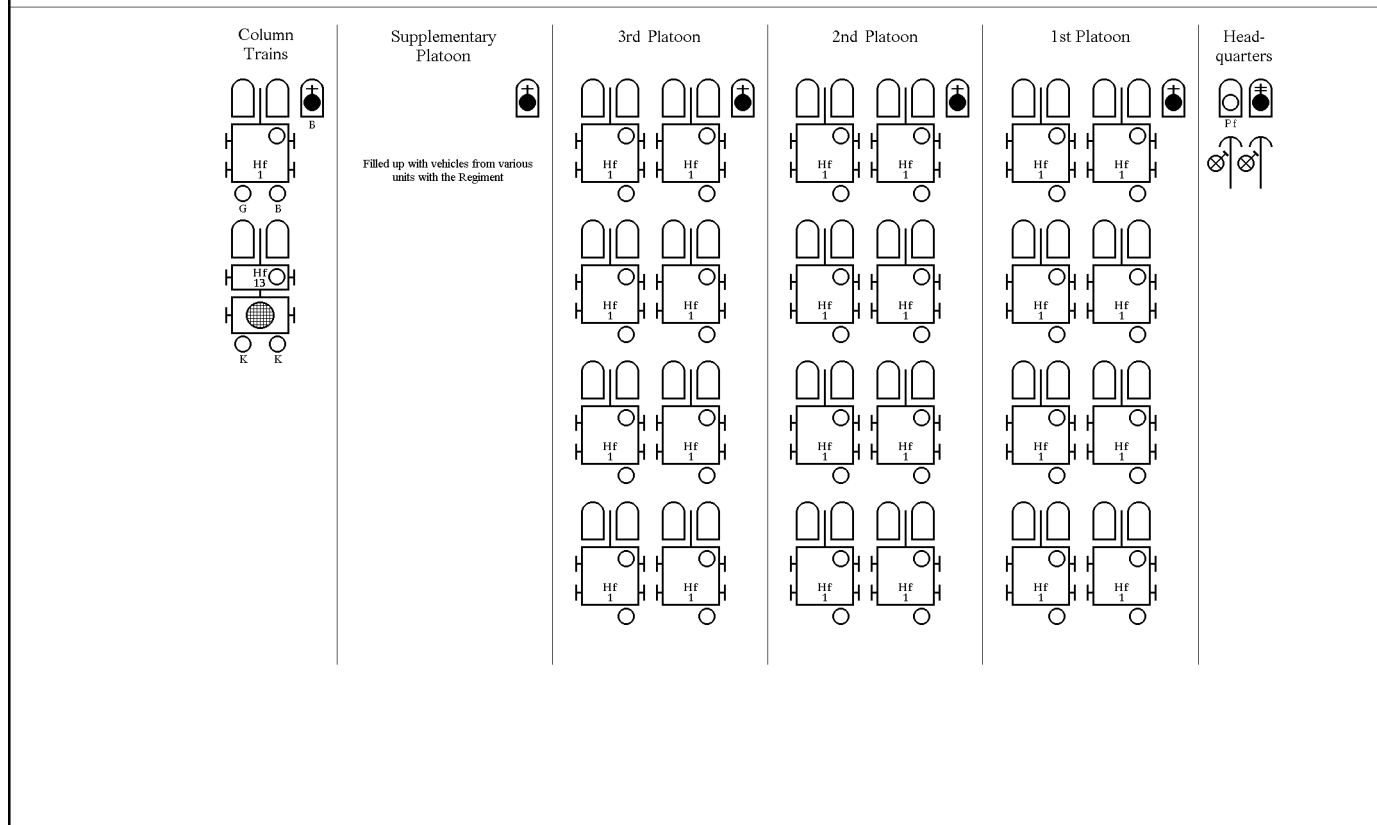
LANDWEHR-INFANTERIEGESCHÜTZKOMPANIE (Division 3. Welle, Reich)
Landwehr Infantry Gun Company (3rd Welle Division, Reich)

KStN 171 (Lw) – 1.10.1937



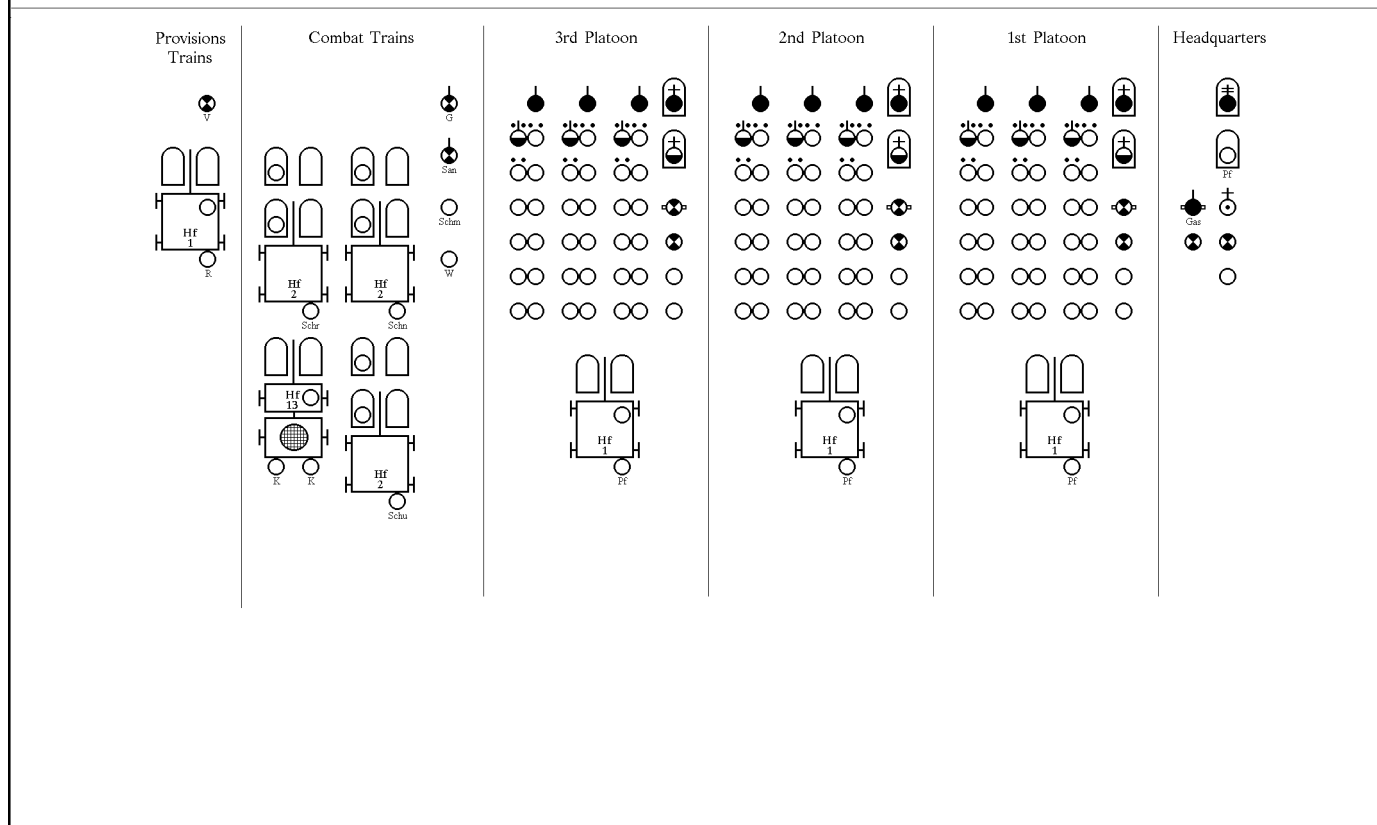
LEICHTE INFANTERIEKOLONNE (Division 3. Welle) **Light Infantry Column (3rd Welle Division)**

KStN 201 – 1.10.1937



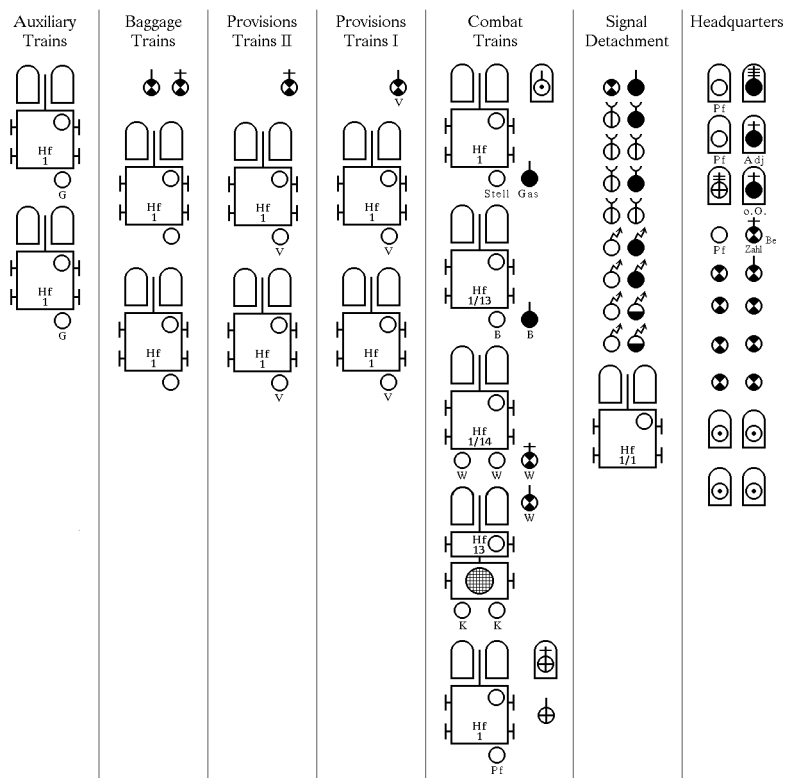
LANDWEHR-PIONIERKOMPANIE (Division 3. Welle) **Landwehr Engineer Company (3rd Welle Division)**

KStN 711(Lw) – 1.10.1937



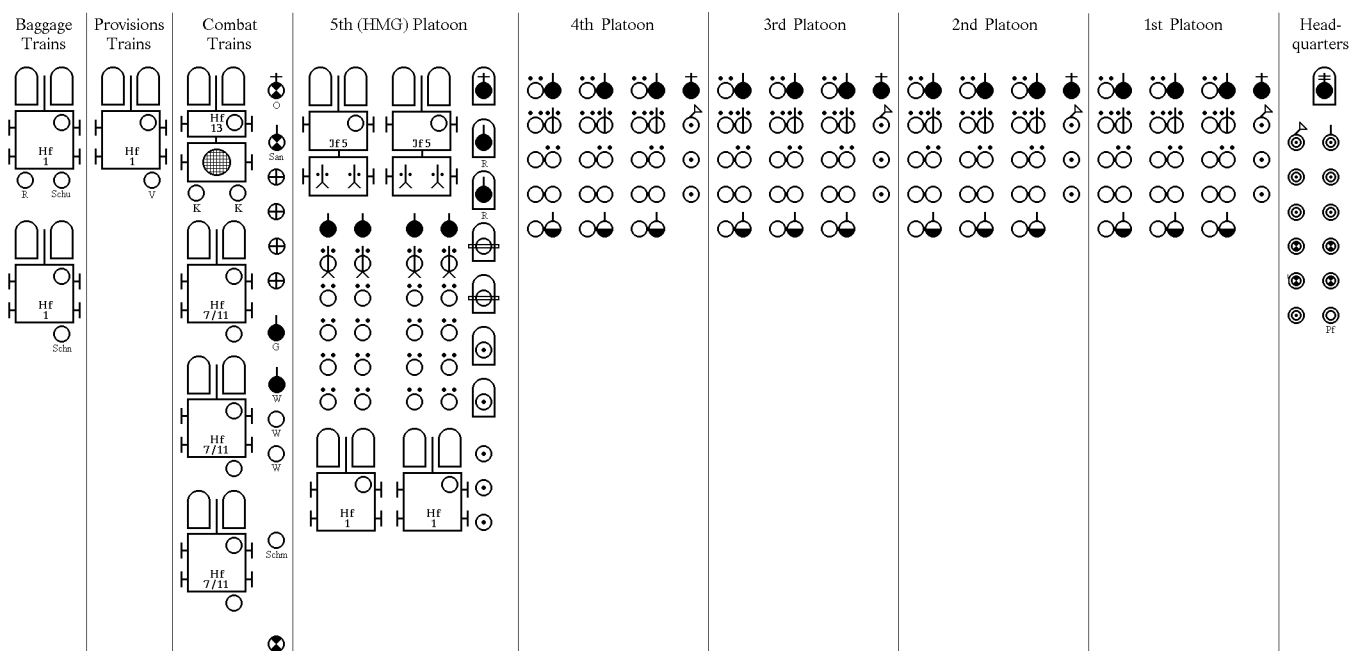
STAB, LANDWEHR-INFANTERIEBATAILLONS (Division 3. Welle)
Headquarters, Landwehr Infantry Battalion (3rd Welle Division)

KStN 111(Lw) *) – 1.10.1937

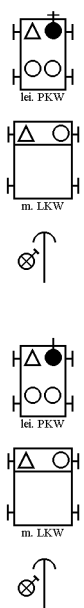
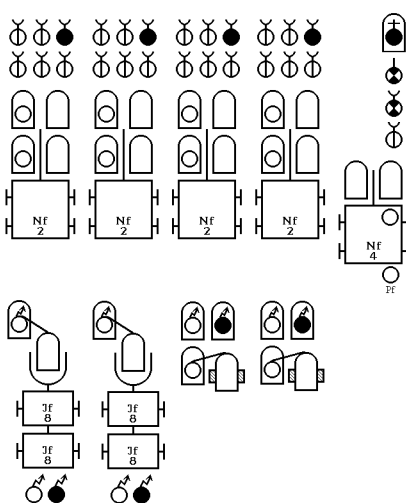
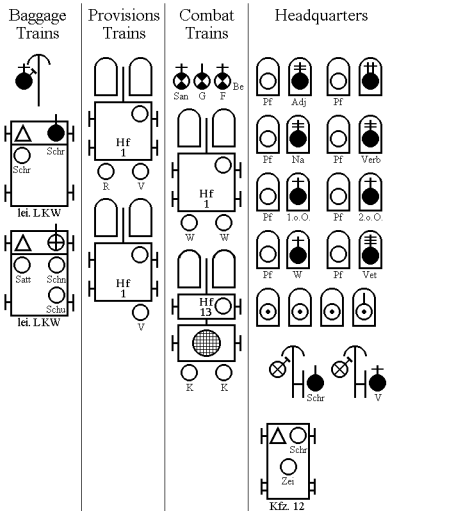


GEMISCHTER LANDWEHR-SCHÜTZENKOMPANIE (Division 3. Welle)
Landwehr Mixed Rifle Company (3rd Welle Division)

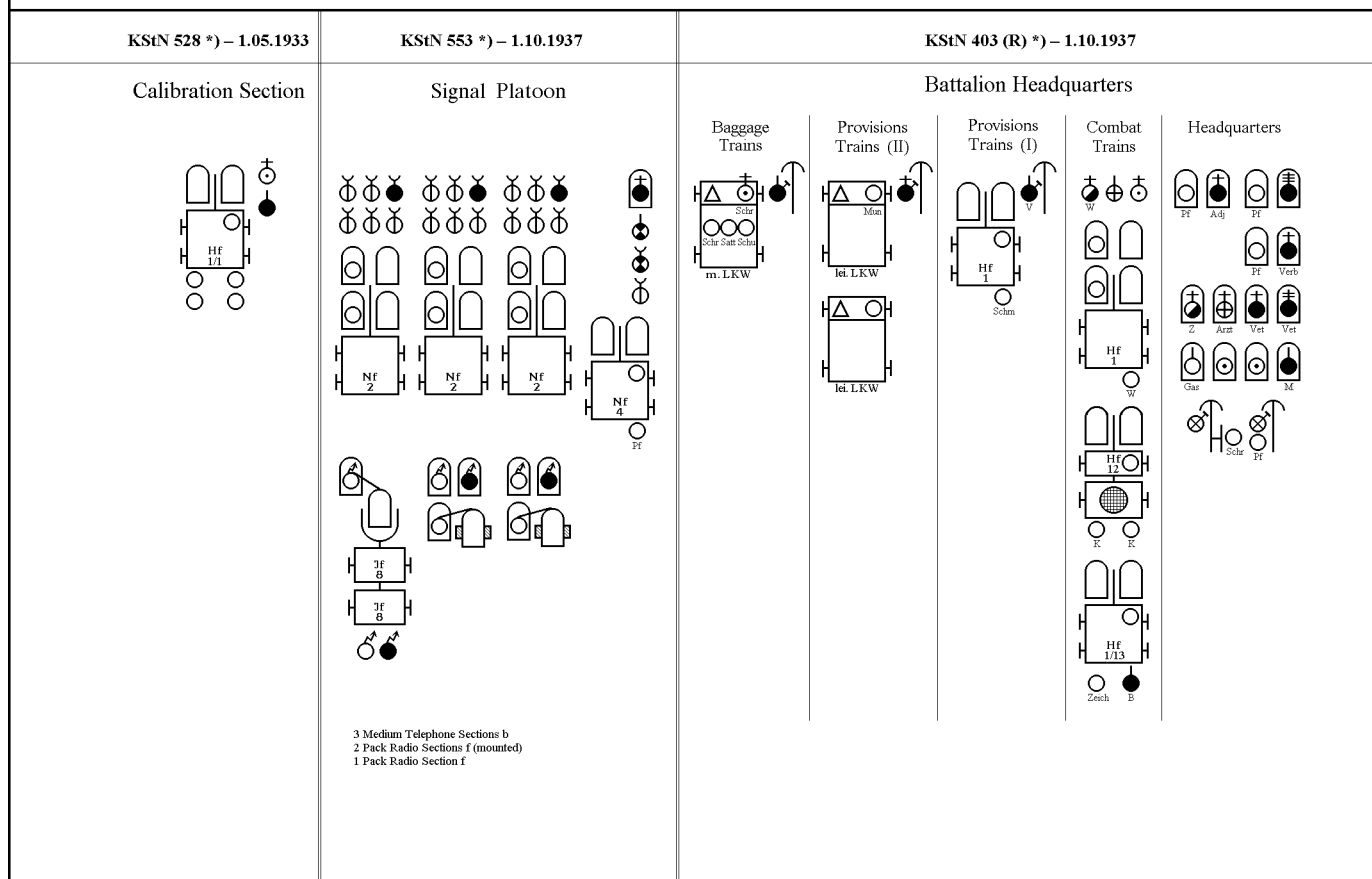
KStN 131(Lw) – 1.10.1937



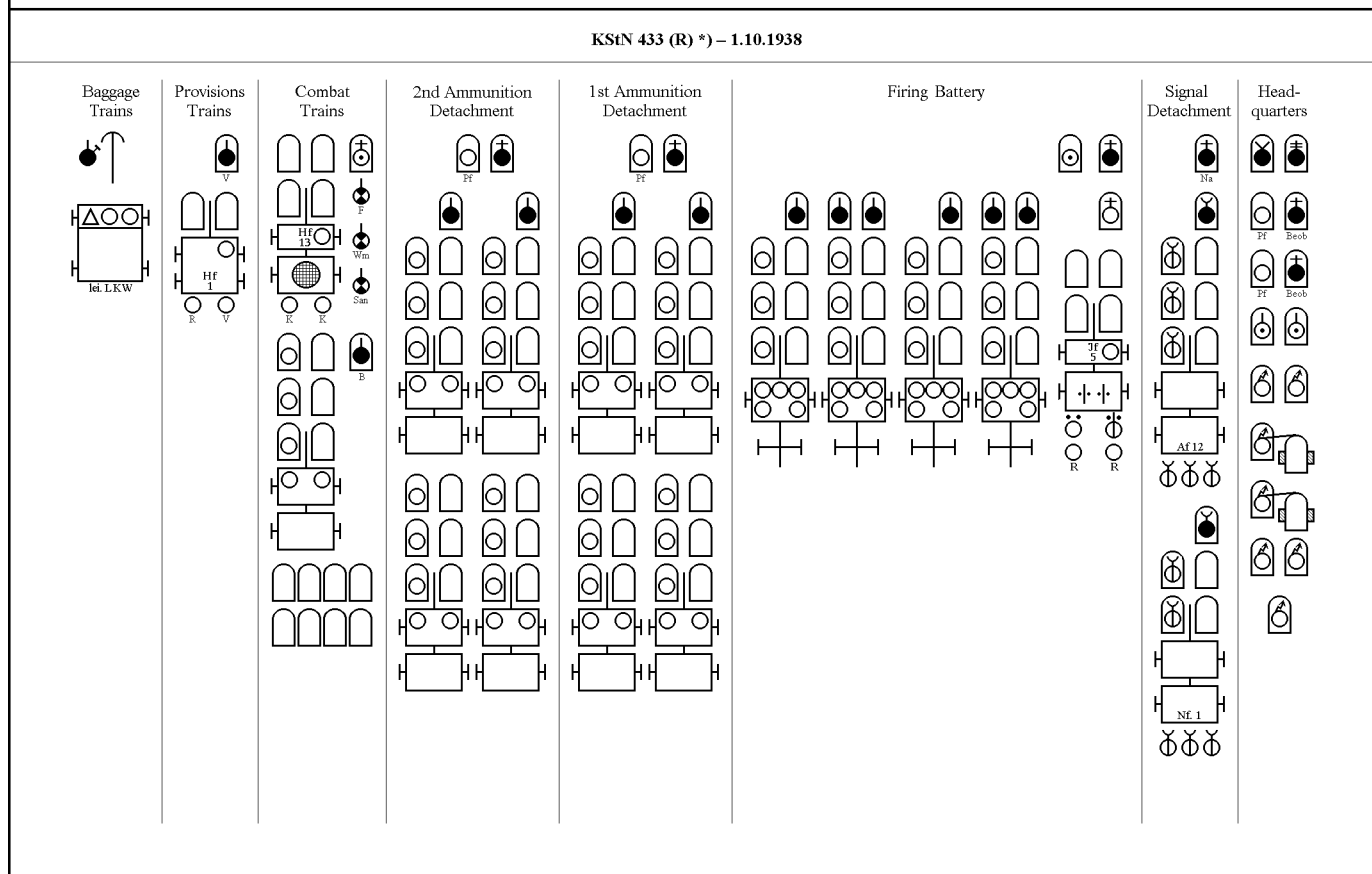
STAB & STABSEINHEITEN, ARTILLERIEREGIMENT (Division 3. Welle, Reich)
Headquarters and Headquarters Units, Artillery Regiment (3rd Welle Division, Reich)

KStN 527 *) – 1.12.1934	KStN 538 *) – 1.10.1936	KStN 551 *) – 1.11.37	KStN 401*) – 1.11.37
Printing Section 	Weather Platoon 	Signal Platoon  4 Medium Telephone Sections b 2 Pack Radio Sections f (mounted) 2 Pack Radio Sections	Regimental Headquarters  Regiment Commander had a choice of two horses or the light car for transportation.

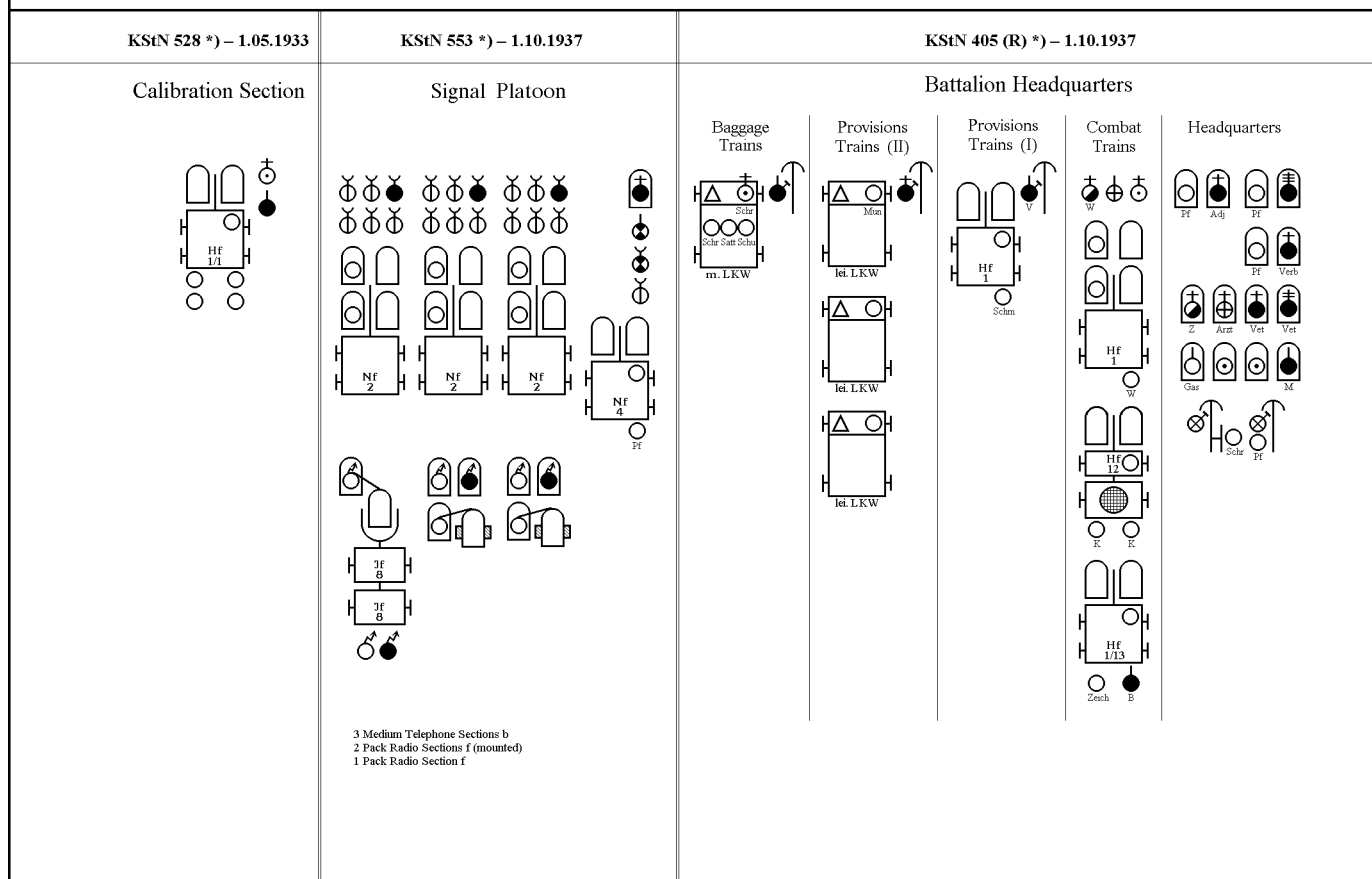
STAB & STABSEINHEITEN, LEICHTE ARTILLERIE-ABTEILUNG (bespannt) (Division 3. Welle, Reich)
Headquarters and Headquarters Units, Light Artillery Battalion (horse-drawn) (3rd Welle Division, Reich)



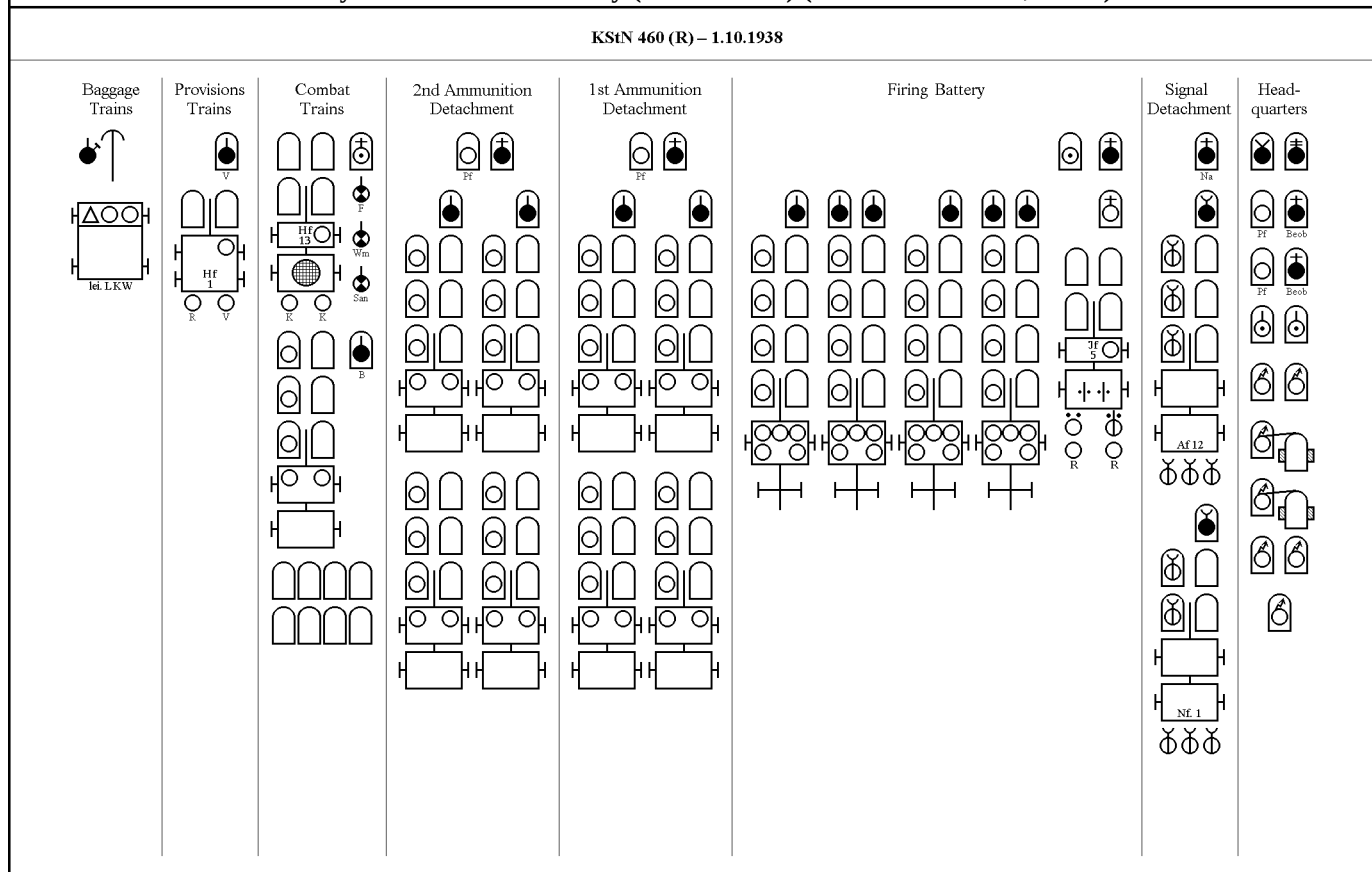
BATTERIE LEICHTE FELDHAUBITZEN (bespannt) (Division 3. Welle, Reich)
Light Field Howitzer Battery (horse-drawn) (3rd Welle Division, Reich)



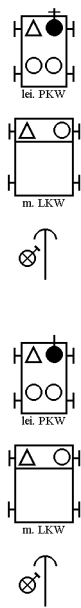
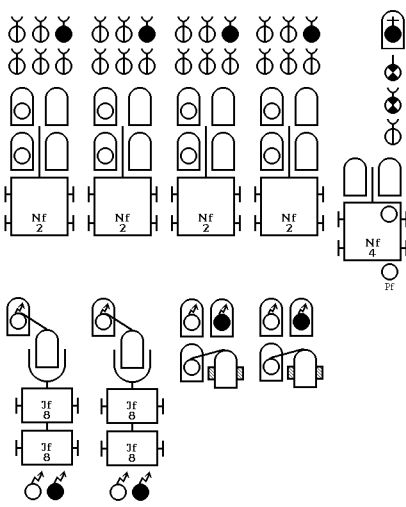
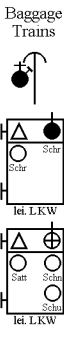
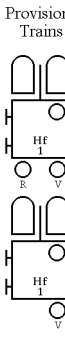
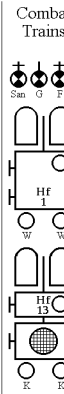
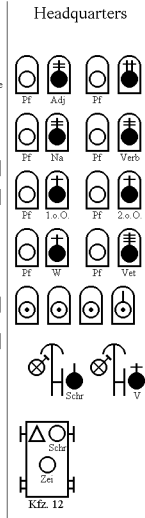
STAB & STABSEINHEITEN, SCHWERE ARTILLERIE-ABTEILUNG (bespannt) (Division 3. Welle, Reich)
Headquarters and Headquarters Units, Heavy Artillery Battalion (horse-drawn) (3rd Welle Division, Reich)



BATTERIE SCHWERE FELDHAUBITZEN (bespannt) (Division 3. Welle, Reich)
Heavy Field Howitzer Battery (horse-drawn) (3rd Welle Division, Reich)



STAB & STABSEINHEITEN, ARTILLERIEREGIMENT (Division 3. Welle, Ostpreußen)
Headquarters and Headquarters Units, Artillery Regiment (3rd Welle Division, East Prussia)

KSStN 527 *) – 1.12.1934	KSStN 538 *) – 1.10.1936	KSStN 551 *) – 1.11.37	KSStN 401*) – 1.11.37
Printing Section	Weather Platoon	Signal Platoon	Regimental Headquarters
		 4 Medium Telephone Sections b 2 Pack Radio Sections f (mounted) 2 Pack Radio Sections	    Regiment Commander had a choice of two horses or the light car for transportation.

KStN 528 *) – 1.05.1933	KStN 553 *) – 1.10.1937	KStN 403 (O) – 1.10.1937
Calibration Section	Signal Platoon 3 Medium Telephone Sections b 2 Pack Radio Sections f (mounted) 1 Pack Radio Section f	Battalion Headquarters Baggage Trains Provisions Trains (II) Provisions Trains (I) Combat Trains Headquarters

KStN 433 (O) *) – 1.10.1938

Baggage Trains	Provisions Trains	Combat Trains	2nd Ammunition Detachment	1st Ammunition Detachment	Firing Battery	Signal Detachment	Head- quarters

KStN 528 *) – 1.05.1933	KStN 553 *) – 1.10.1937	KStN 405 (O) *) – 1.10.1937
Calibration Section	Signal Platoon 3 Medium Telephone Sections b 2 Pack Radio Sections f (mounted) 1 Pack Radio Section f	Battalion Headquarters Baggage Trains Provisions Trains (II) Provisions Trains (I) Combat Trains Headquarters

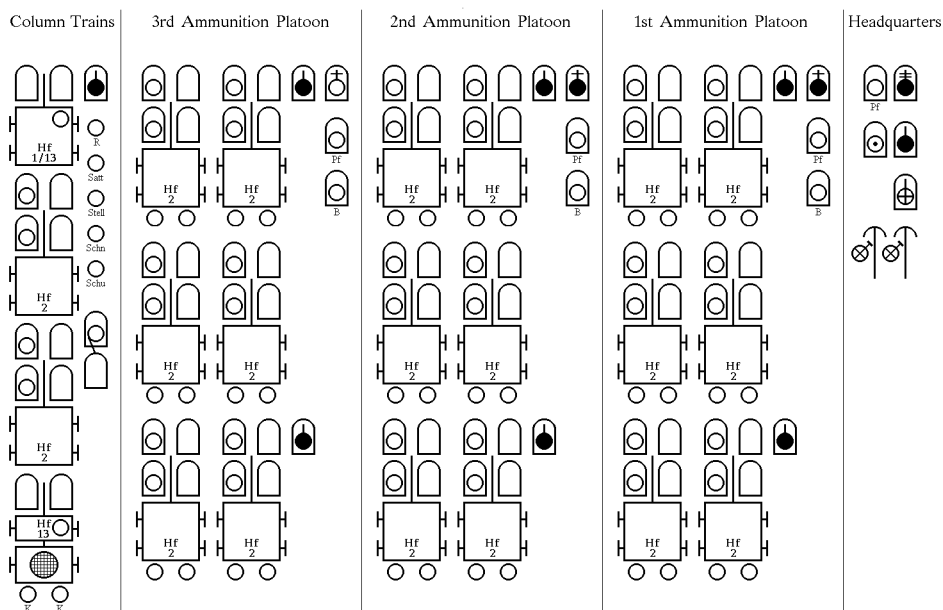
KStN 460 (O) – 1.10.1938

The diagram illustrates the composition of a train formation, categorized into several functional sections:

- Baggage Trains:** Includes units labeled 'Hf 1' and 'Hf 1/14', with symbols for 'Sat' and 'Schu'.
- Provisions Trains:** Includes units labeled 'Hf 1' and 'Hf 13', with symbols for 'K', 'V', 'Win', 'San', and 'B'.
- Combat Trains:** Includes units labeled 'Hf 13' and 'Hf 1', with symbols for 'K', 'Win', 'San', and 'B'.
- 2nd Ammunition Detachment:** Includes units labeled 'Hf 1' and 'Hf 13', with symbols for 'K', 'Win', 'San', and 'B'.
- 1st Ammunition Detachment:** Includes units labeled 'Hf 1' and 'Hf 13', with symbols for 'K', 'Win', 'San', and 'B'.
- Firing Battery:** Includes units labeled 'Hf 1' and 'Hf 13', with symbols for 'K', 'Win', 'San', and 'B'.
- Signal Detachment:** Includes units labeled 'Hf 1' and 'Hf 13', with symbols for 'K', 'Win', 'San', and 'B'.
- Headquarters:** Includes units labeled 'Hf 1' and 'Hf 13', with symbols for 'K', 'Win', 'San', and 'B'.

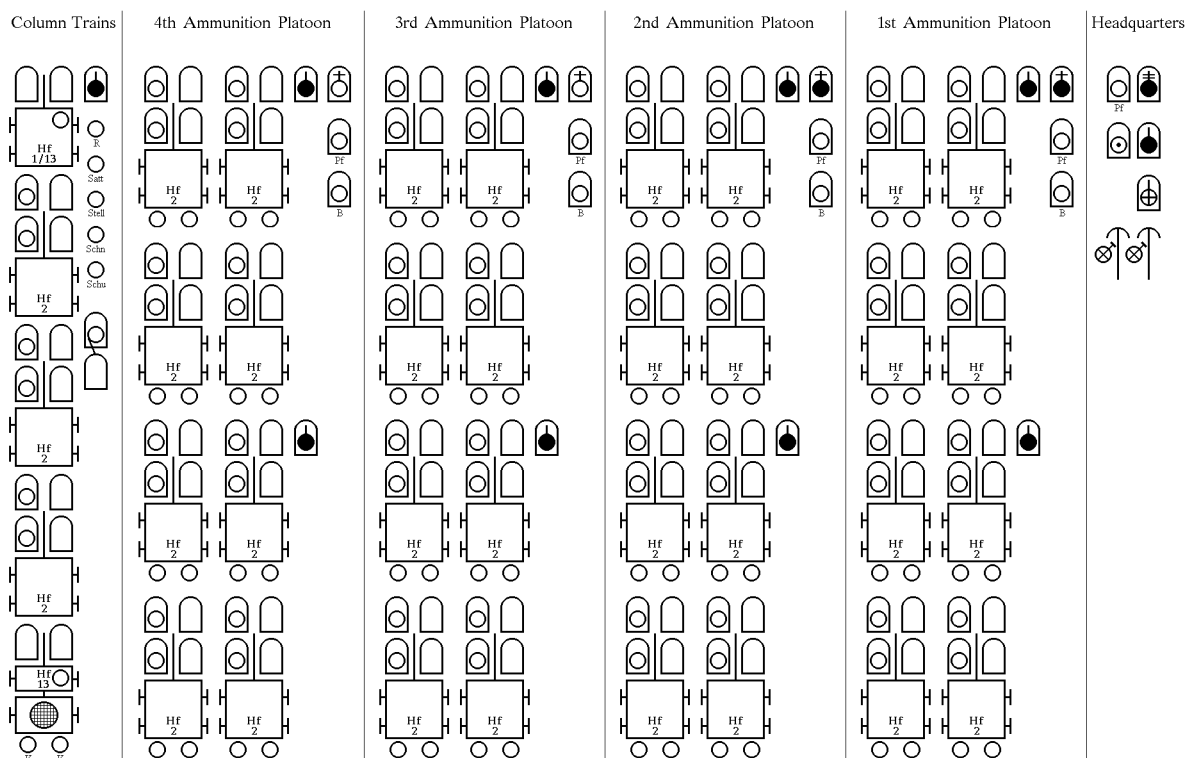
LEICHTEARTILLERIEKOLONNE (18t) (Division 3. Welle, Ostpreussen)
Light Artillery Column (18 tons) (3rd Welle Division, East Prussia)

KStN 505 *) – 1.10.1937



LEICHTEARTILLERIEKOLONNE (32t) (Division 3. Welle, Ostpreussen)
Light Artillery Column (32 tons) (3rd Welle Division, East Prussia)

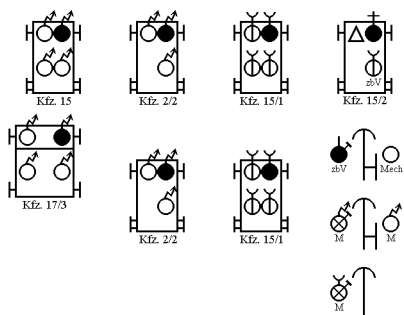
KStN 506 – 1.10.1937



KStN 1191(Lw) *) – 1.10.1937

KStN 1105(Lw) *) – 1.03.1939

Signal Detachment



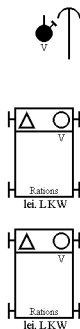
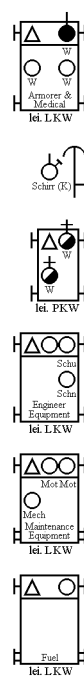
2 Light Telephone Sections c
2 Pack Radio Sections b
1 Medium Radio Section b

Battalion Headquarters

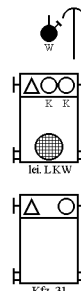
Baggage Trains



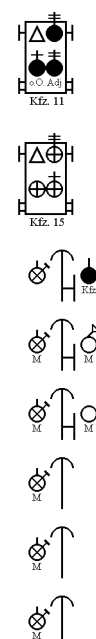
Rations Trains

Maintenance
Detachment

Combat Trains

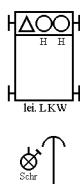


Headquarters



KStN 353 *) – 1.10.1937

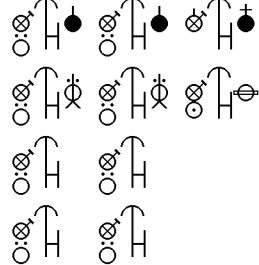
Baggage Trains



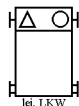
Combat Trains



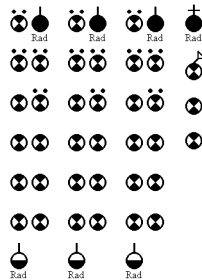
HMG Detachment



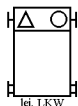
Detachment Trains



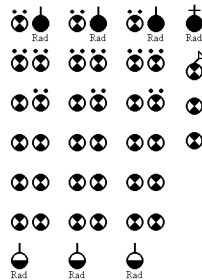
3rd Platoon



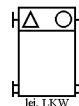
Platoon Trains



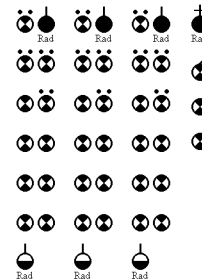
2nd Platoon



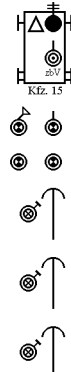
Platoon Trains



1st Platoon

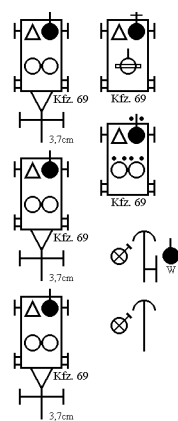


Platoon Trains

Head-
quarters

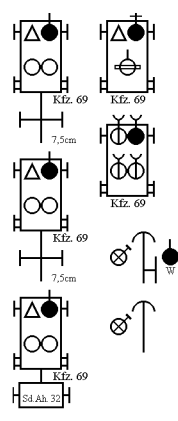
KAVALLERIE-PANZERABWEHRZUG (3 Geschütze)(motorisierter Zug)
Motor Towed Cavalry Antitank Platoon (3 guns)

KStN 341 *) – 1.10.1937



KAVALLERIE-GESCHÜTZZUG (2 Geschütze)(motorisierter Zug)
Motor Towed Cavalry Gun Platoon (3 guns)

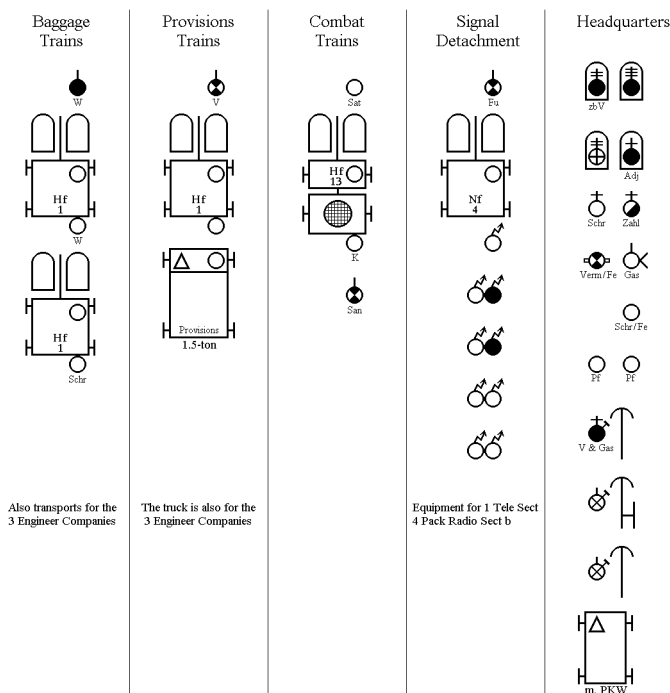
KStN 343 *) – 1.10.1937



STAB, LANDWEHR-PIONIERBATAILLON

Headquarters, Landwehr Combat Engineer Battalion

KStN 702 (Lw) – 1.10.1937

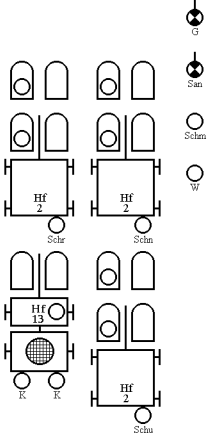


LANDWEHR-PIONIERKOMPANIE Landwehr Combat Engineer Company

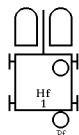
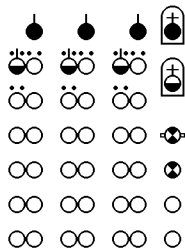
KStN 711(Lw) – 1.10.1937

Provisions
Trains

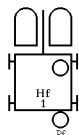
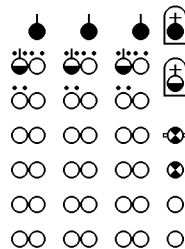
Combat Trains



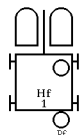
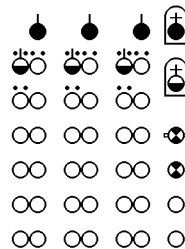
3rd Platoon



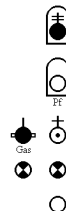
2nd Platoon



1st Platoon

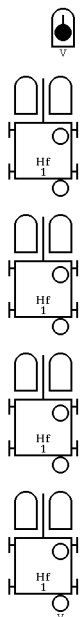
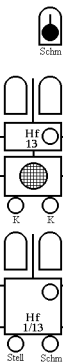


Headquarters

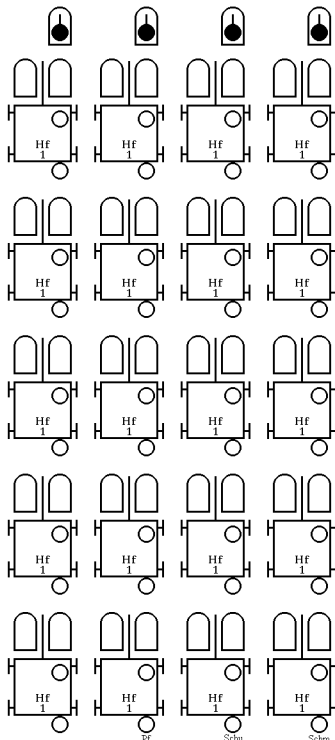


LANDWEHR-PIONIERSPERRKOLONNE Landwehr Engineer Blocking Column

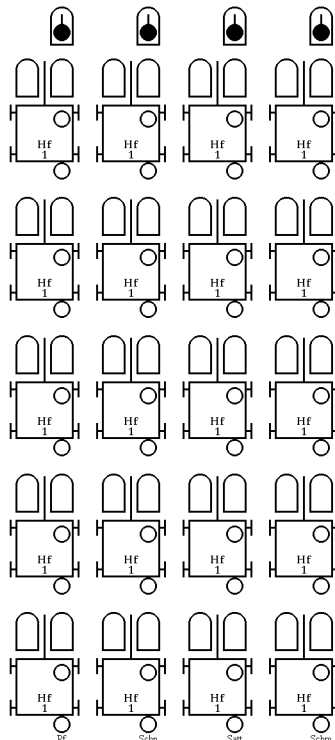
KStN 747 (Lw) – 1.10.1936

Provisions
TrainsCombat
Trains

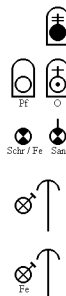
2nd Platoon



1st Platoon

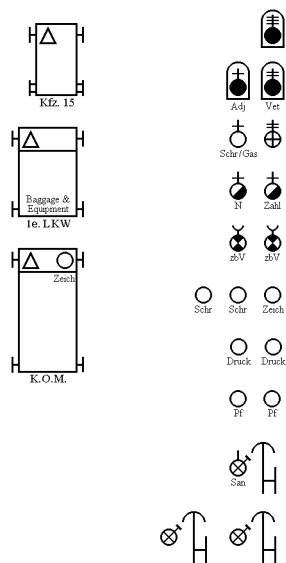


Headquarters



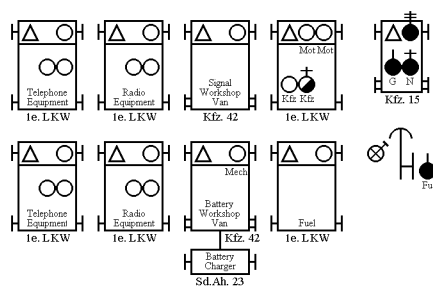
STAB EINER LANDWEHR-INFANTERIEDIVISIONSNACHRICHTENABTEILUNG (tmot)
Semi-Motorized Landwehr Division Signal Battalion Headquarters

KStN 806 (Lw) – 1.10.1937

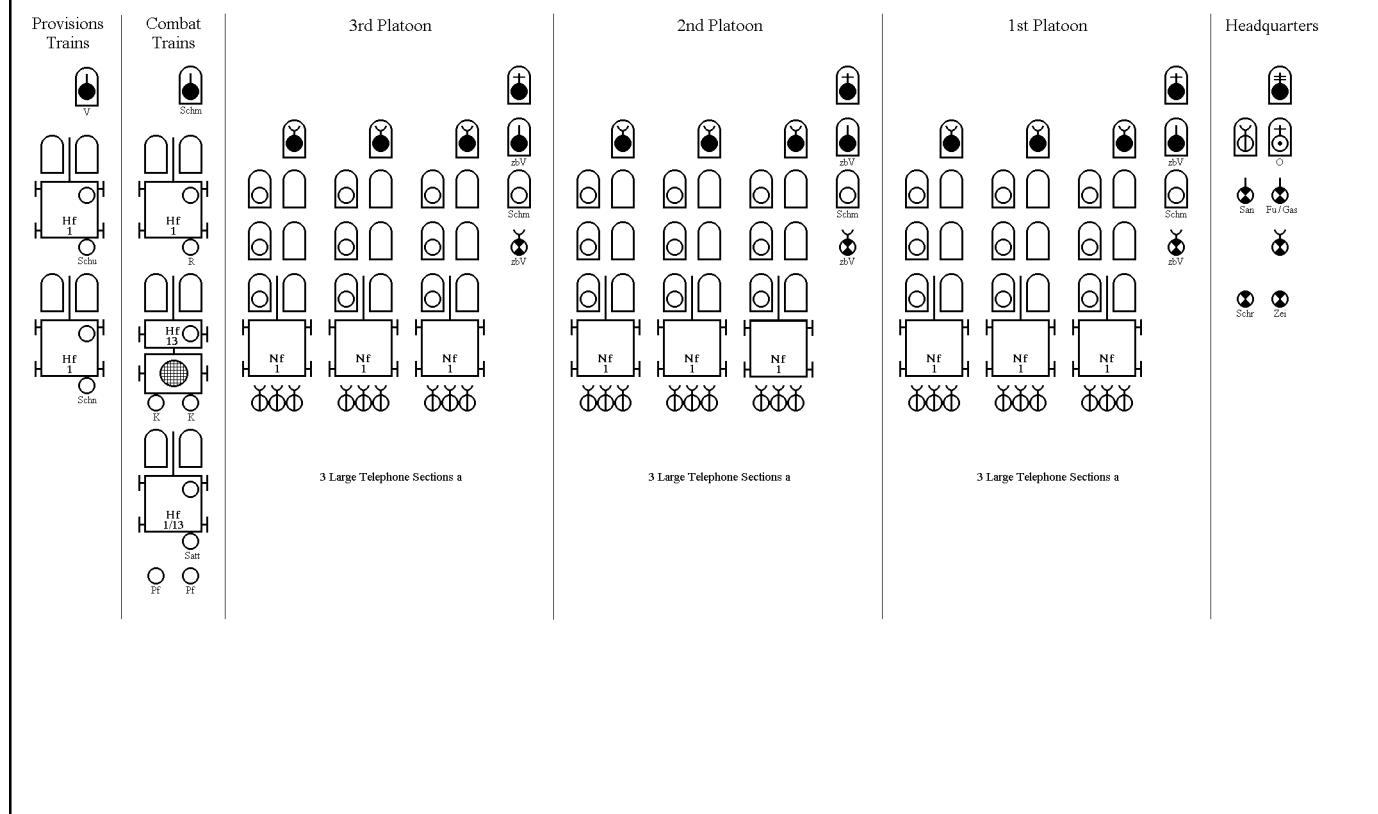


LEICHTE NACHRICHTENKOLONNE a (motorisiert)
Motorized Light Signal Column Type a

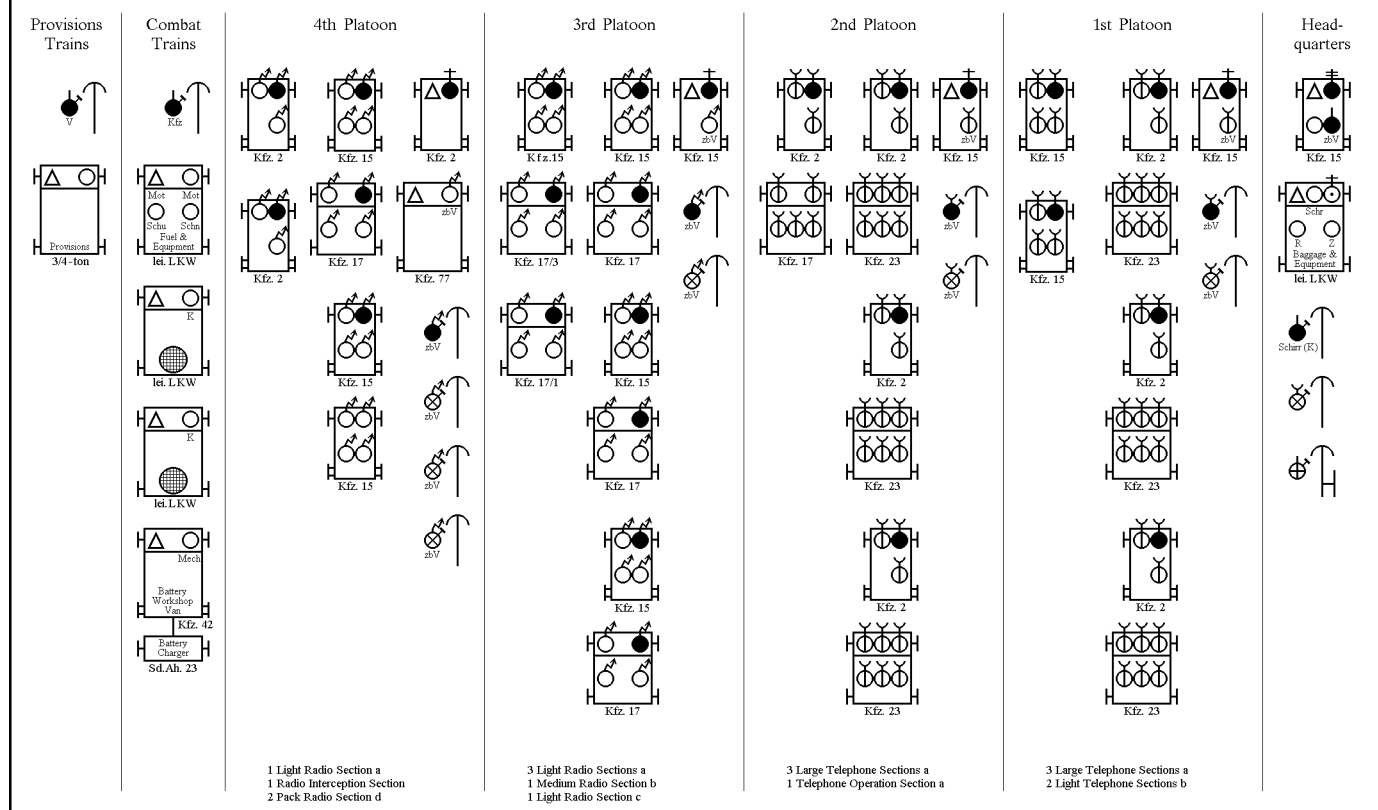
KStN 871 *) – 1.10.1937



KStN 830 (Lw) – 1.10.1937



KStN 866 (Lw) – 1.10.1938

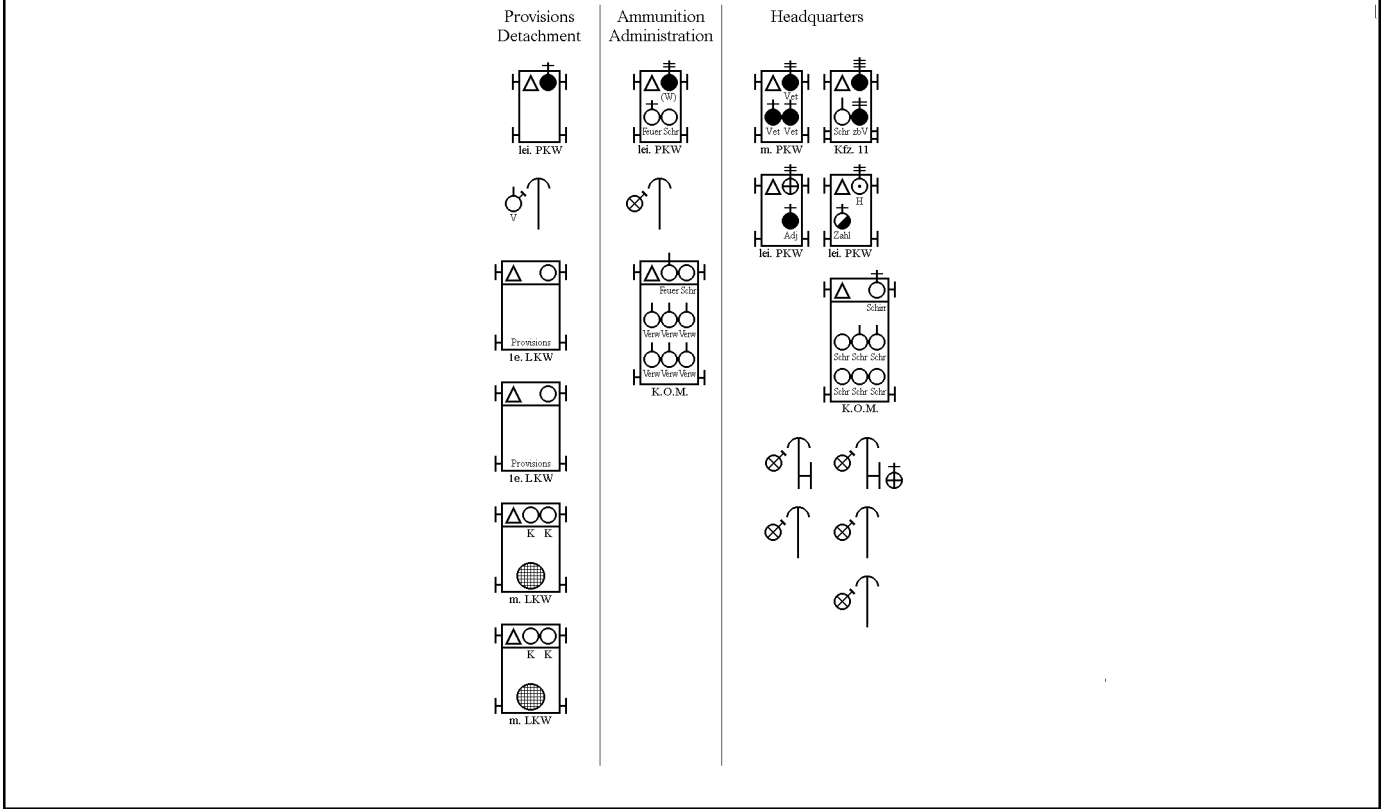


KStN 1192 *) – 1.10.1937				KStN 1106 *) – 1.10.1937				
Signal Platoon				Battalion Headquarters				
				Baggage Trains	Rations Trains	Maintenance Detachment	Combat Trains	Headquarters

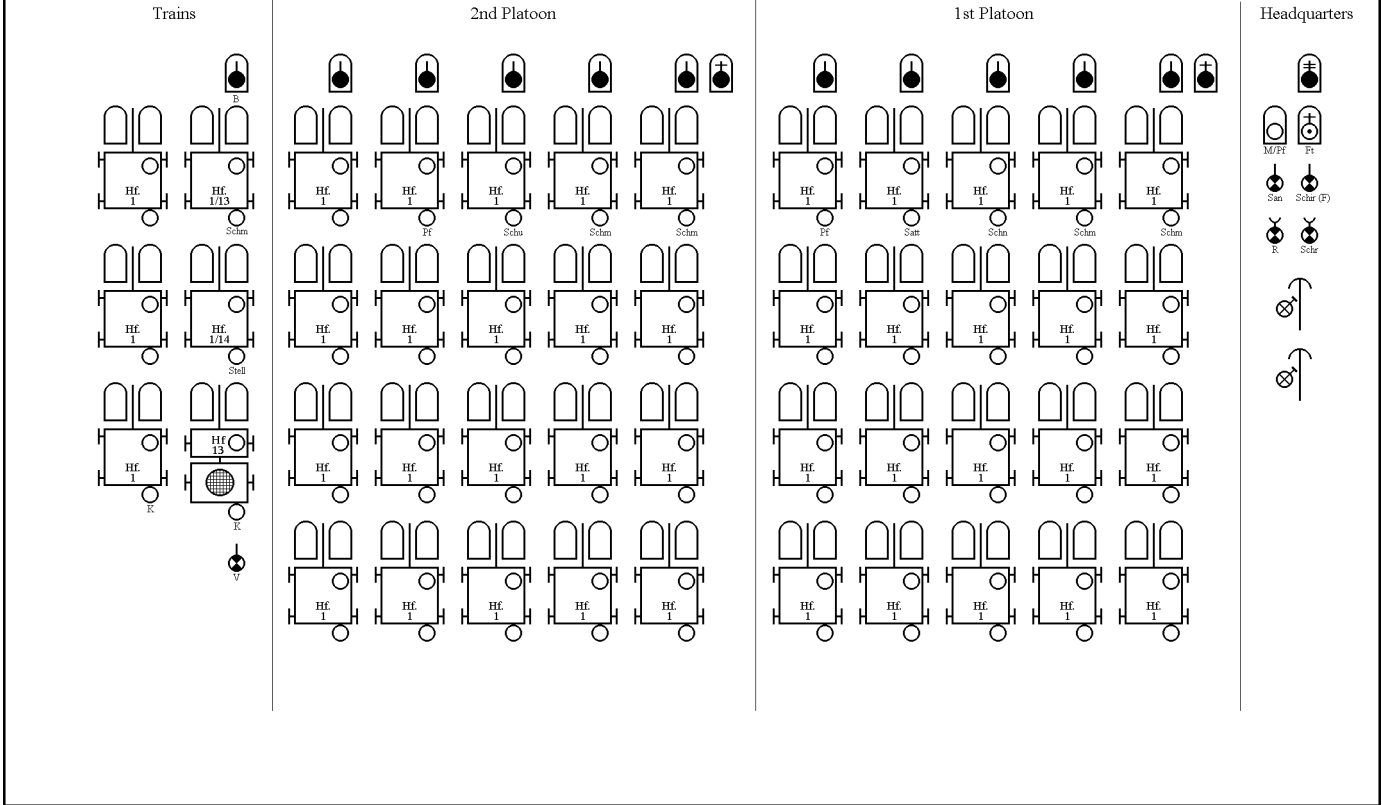
KStN 1143 – 1.10.1937

Baggage Trains	Combat Trains	3rd Platoon	2nd Platoon	1st Platoon	Headquarters
 1st LKW	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12
	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12
	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12
	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12
	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12
	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12
	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12
	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12
	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12
	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12
	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12
	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12
	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12
	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12	 Kfz. 12
	 Kfz. 12	 Kfz. 12	 Kfz. 12		

KStN 1202 – 1.03.1939

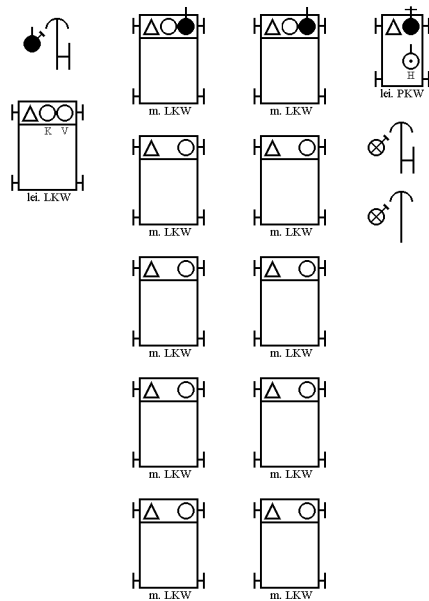


KSIN 1241 – 1.10.1937



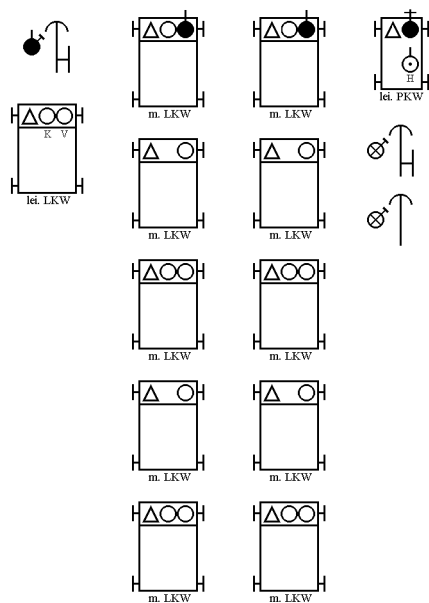
KLEINE KRAFWAGENKOLONNE (30 Tonnen) **Motor Transport Column (30 tons)**

KSStN 1125 *) – 1.10.1937



KLEINE KRAFWAGENKOLONNE FÜR BETRIEBSSTOFF (25cbm) **Motor Transport Column for Fuel (25m³)**

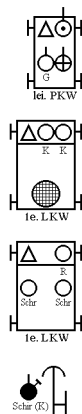
KSStN 1125 *) – 1.10.1937



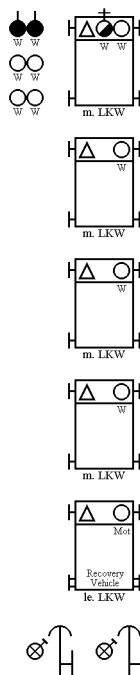
WERKSTATTKOMPANIE (mot) **Motorized Workshop Company**

KSIN 1052 – 1.10.1937

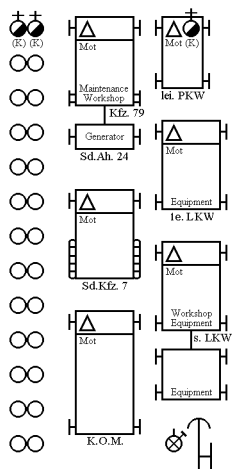
Trains



3rd Platoon (Weapons)

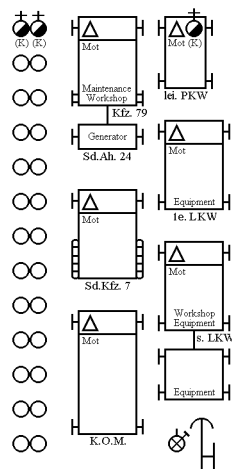


2nd Platoon (Motor Vehicles)



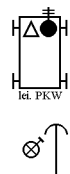
Include 11 Motor Mechanics
 1 Welder
 2 Electricians
 2 Lathe Operators
 2 Plumbers
 2 Smiths
 1 Motor Vehicle Saddler
 1 Painter
 2 Joiners

1st Platoon (Motor Vehicles)



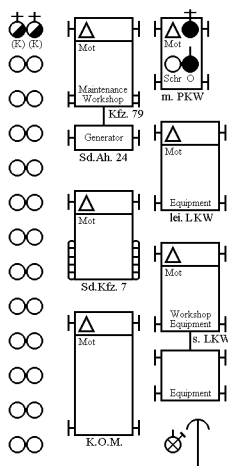
Include 11 Motor Mechanics
 1 Welder
 2 Electricians
 2 Lathe Operators
 2 Plumbers
 2 Smiths
 1 Motor Vehicle Saddler
 1 Painter
 2 Joiners

Head- quarters



WERKSTATTZUG (mot) **Motorized Workshop Platoon**

KSIN 1051 – 1.10.1937

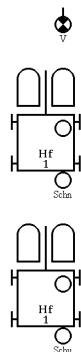


Include 11 Motor Mechanics
 1 Welder
 2 Electricians
 2 Lathe Operators
 2 Plumbers
 2 Smiths
 1 Motor Vehicle Saddler
 1 Painter
 2 Joiners

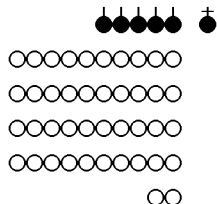
NACHSCHUBKOMPANIE Horse-Drawn Supply Company

KSStN 1253 – 1.10.1937

Trains

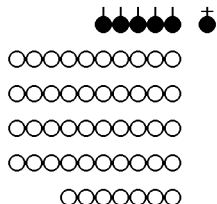


4th Platoon (Technical)



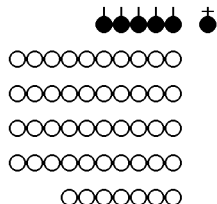
Include 3 Agricultural Workers
1 Dairy Farm Worker
4 Carpenters
4 Masons
4 Joiners
4 Electricians
4 Locksmiths or Smiths
4 Machinists
4 Motor Mechanics
2 Brewers
2 Boatmen or Fisherman
2 Miners
2 Gardeners
1 Butcher
2 Storekeepers (Foodstuffs and Cereals)

3rd Platoon (Supply)



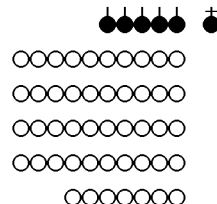
Include 10 Craftsmen of various skills

2nd Platoon (Supply)



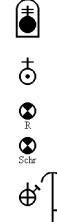
Include 10 Craftsmen of various skills

1st Platoon (Supply)



Include 10 Craftsmen of various skills

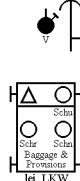
Head-quarters



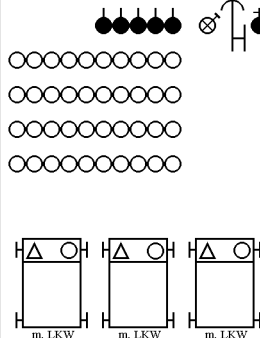
NACHSCHUBKOMPANIE (mot) Motorized Supply Company

KSStN 1255 – 1.10.1937

Trains

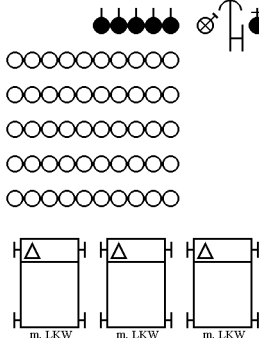


4th Platoon (Technical)



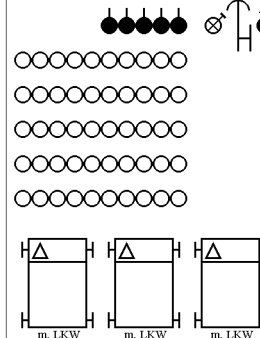
Include 3 Agricultural Workers
1 Dairy Farm Worker
4 Carpenters
4 Masons
4 Joiners
4 Electricians
4 Locksmiths or Smiths
4 Machinists
4 Motor Mechanics
2 Brewers
2 Boatmen or Fisherman
2 Miners
2 Gardeners
1 Butcher
2 Storekeepers (Foodstuffs and Cereals)

3rd Platoon (Supply)



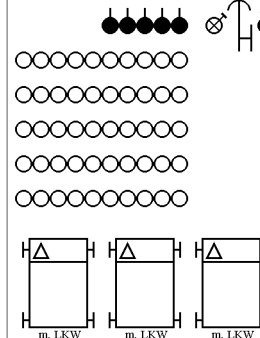
Include 10 Craftsmen of various skills

2nd Platoon (Supply)



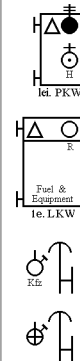
Include 10 Craftsmen of various skills

1st Platoon (Supply)



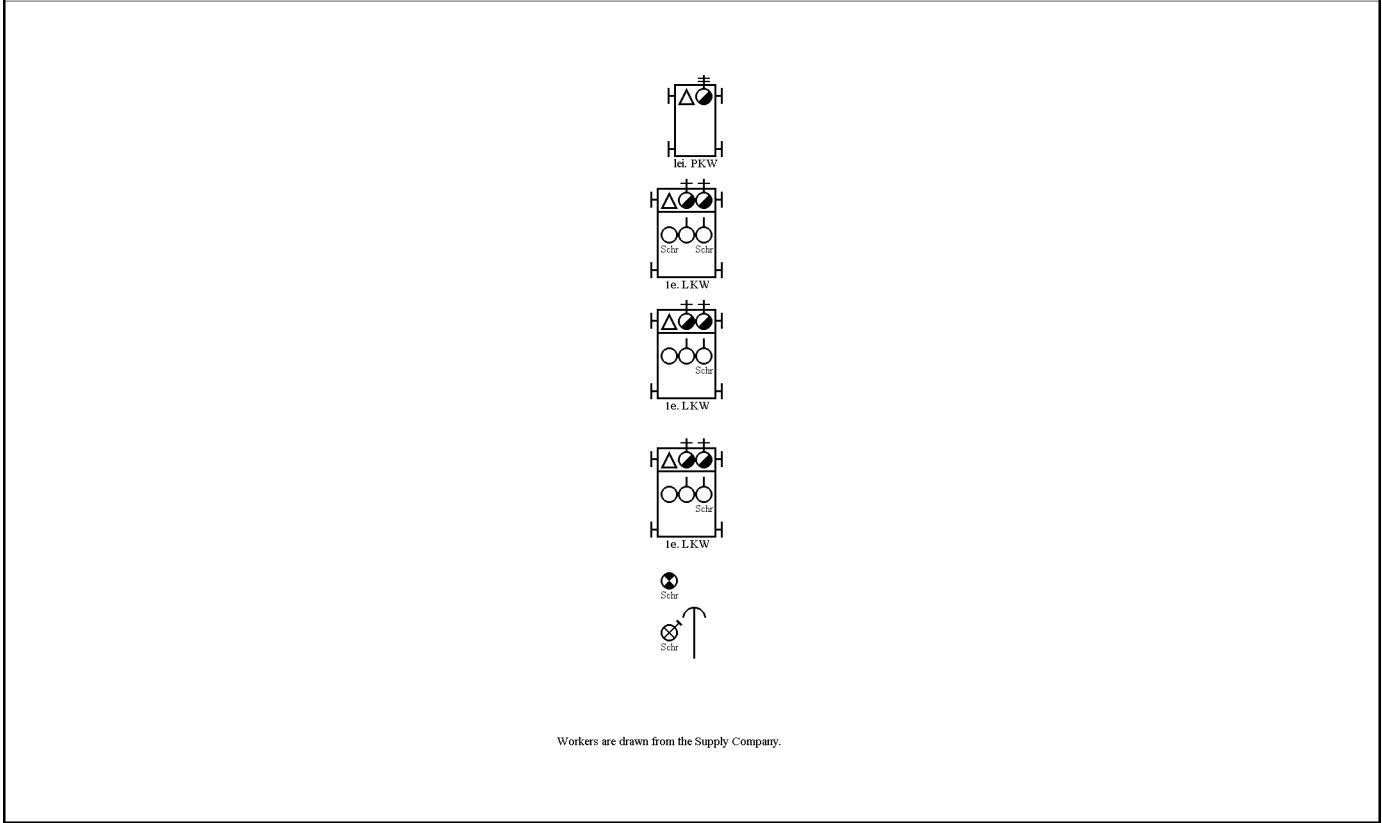
Include 10 Craftsmen of various skills

Head-quarters



VERPFELEGUNGSSAMT Commissary Office
--

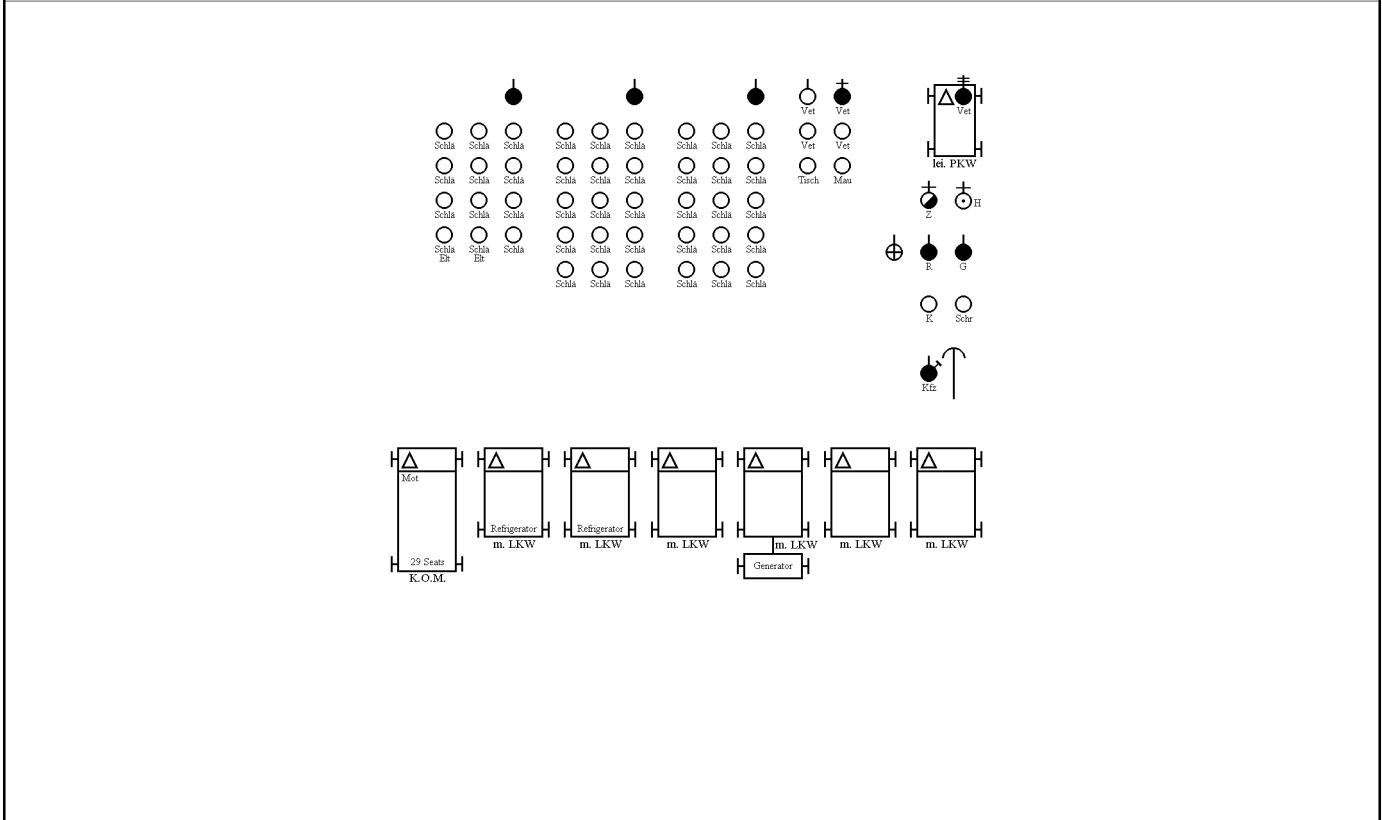
KStN 2086 – 1.10.1937



Workers are drawn from the Supply Company.

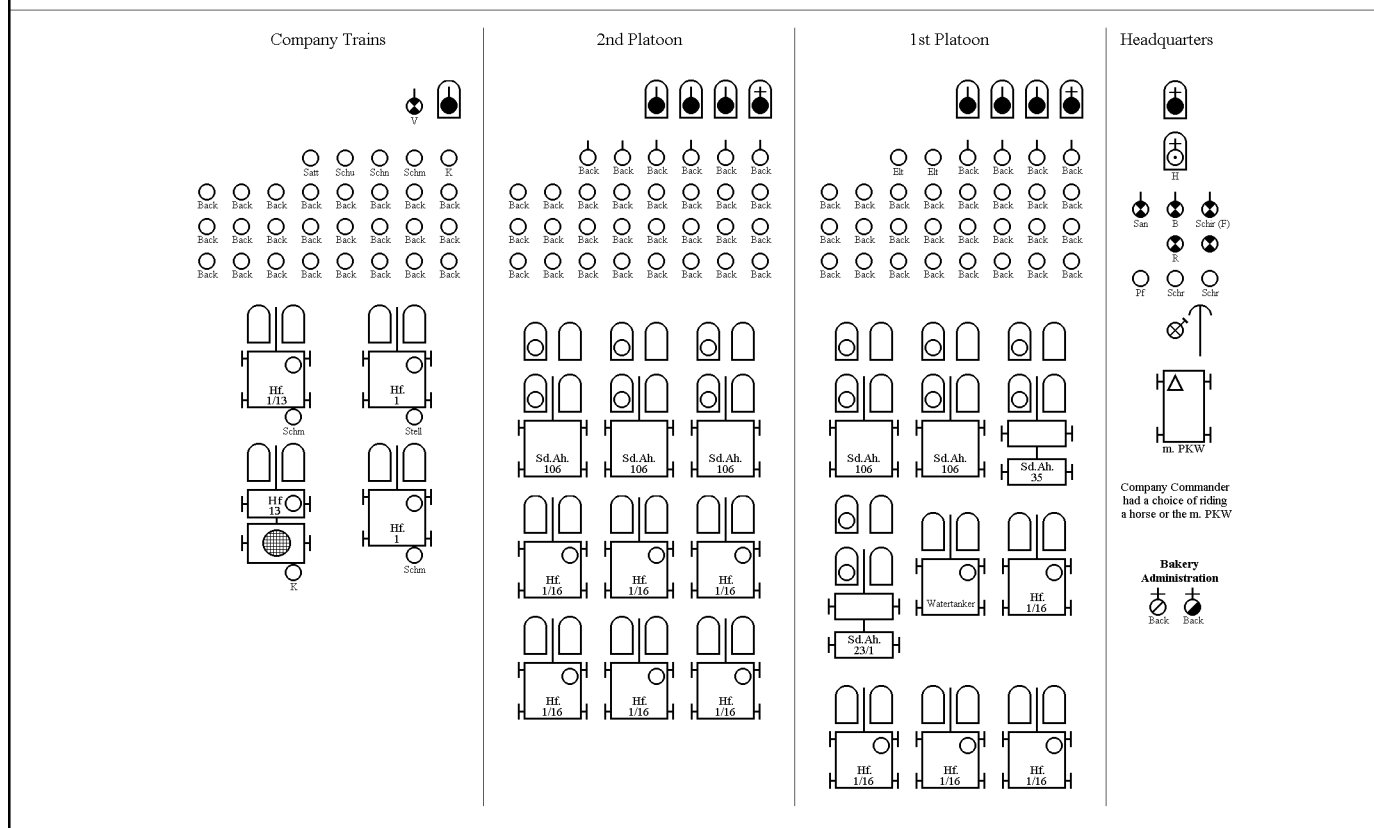
SCHLACHTERIEZUG (mot) Motorized Butcher Platoon

KStN 1282 *) – 1.10.1938



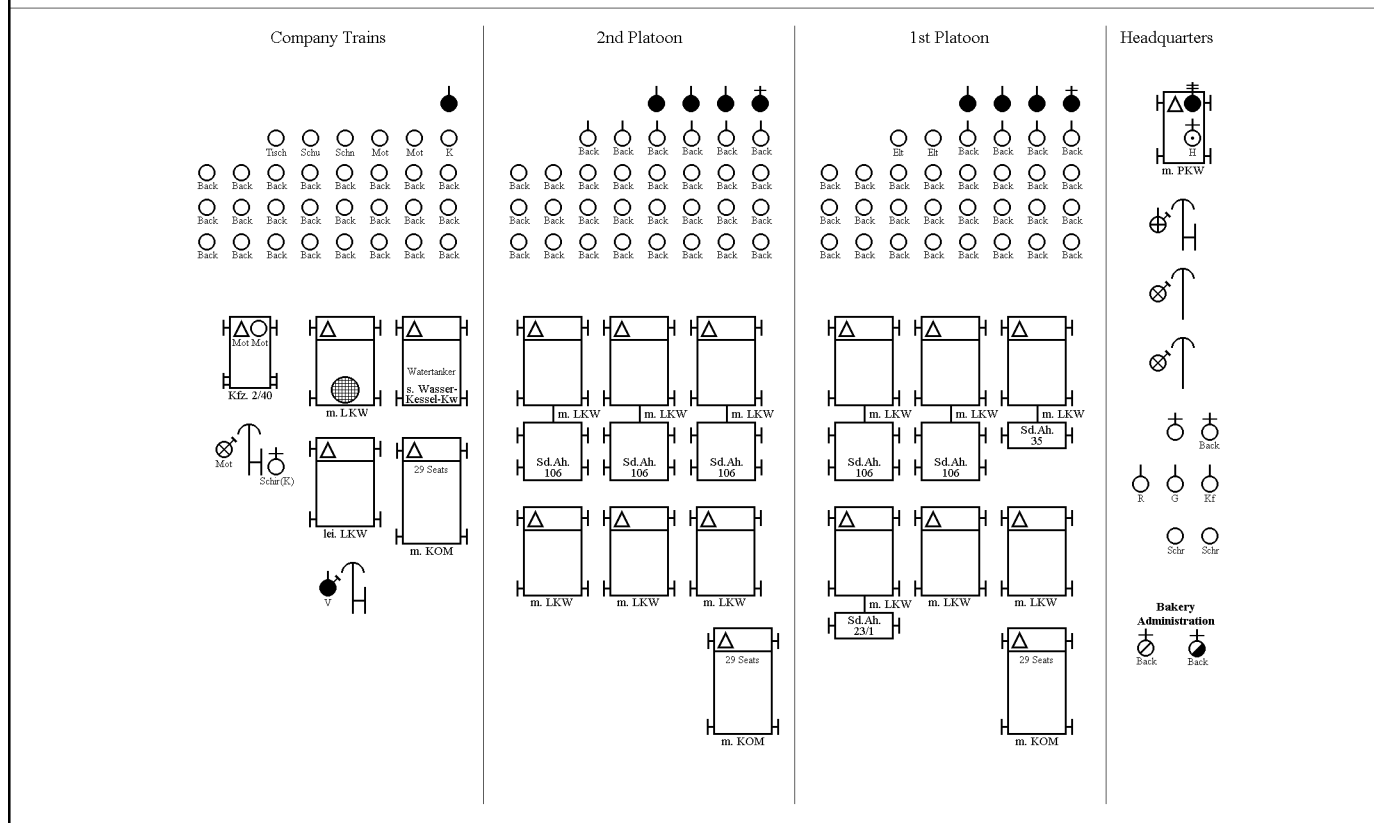
BÄKEREIKOMPANIE e **Horse-Drawn Baker Company Type e**

KStN 1278 – 1.10.1937

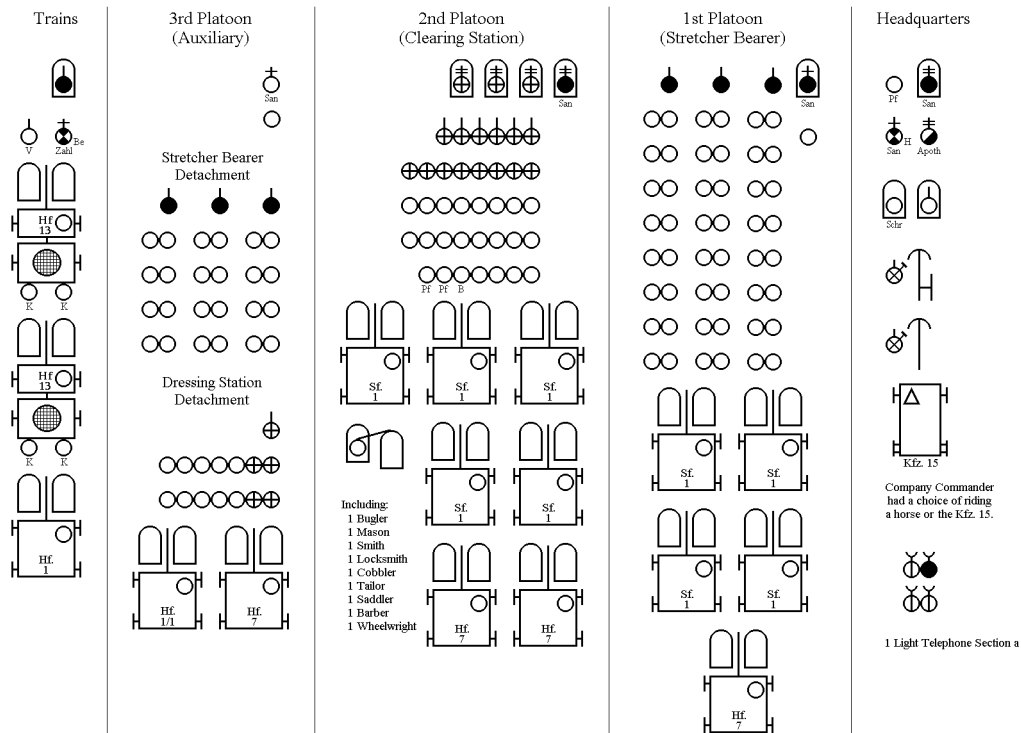


BÄKEREIKOMPANIE e (mot) **Motorized Baker Company Type e**

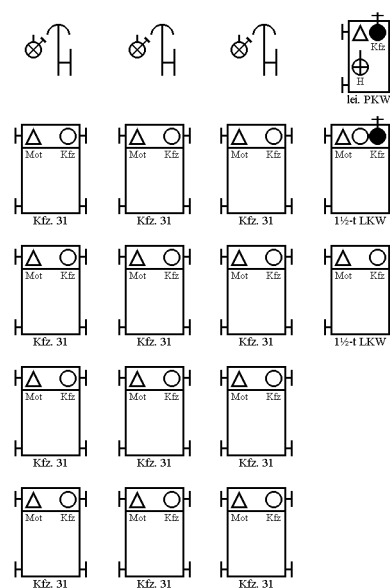
KStN 1277 *) – 1.10.1937



KStN 1309 – 1.03.1939



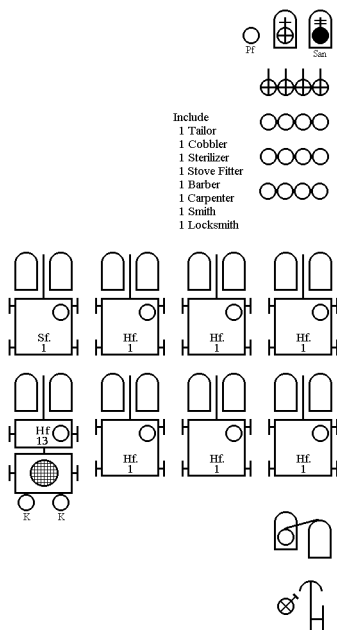
KStN 1365 *) – 1.10.1937



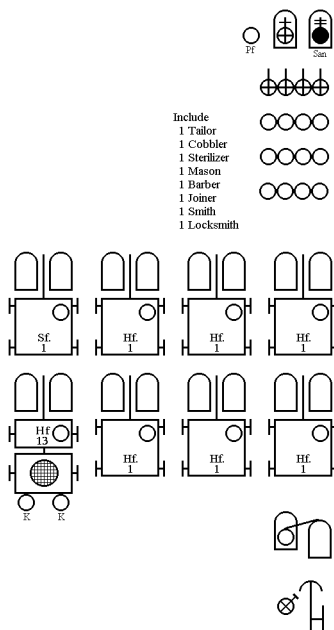
FELDLAZARETT Field Hospital

KStN 1341 – 1.10.1937

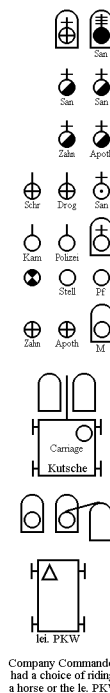
2nd Platoon



1st Platoon



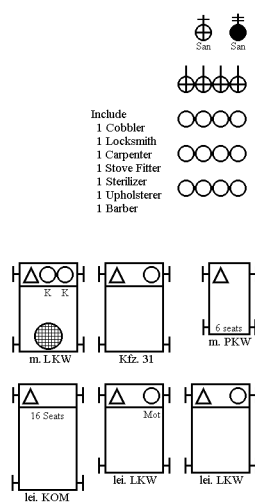
Headquarters



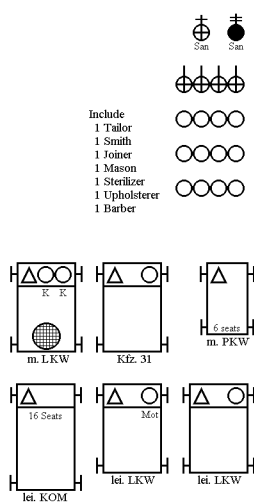
FELDLAZARETT (mot) Motorized Field Hospital

KStN 1342 – 1.10.1937

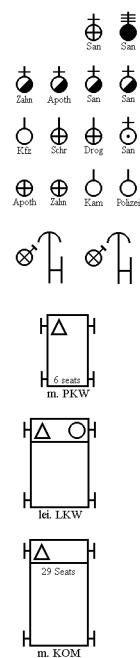
2nd Platoon



1st Platoon

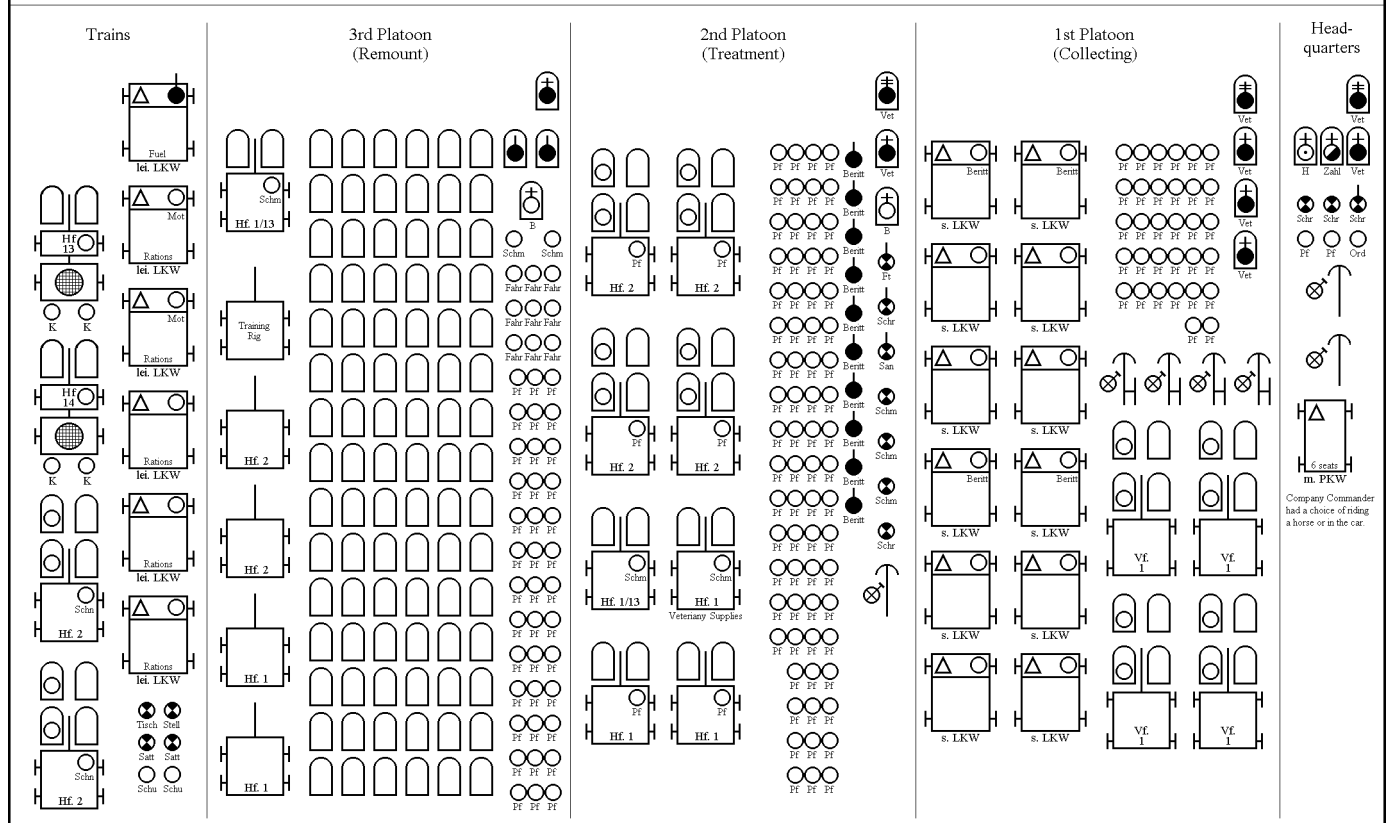


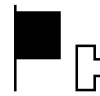
Headquarters



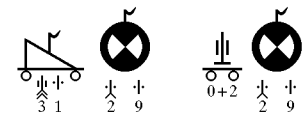
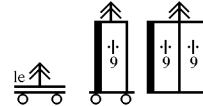
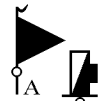
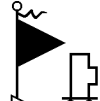
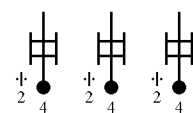
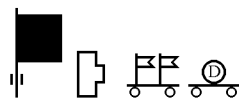
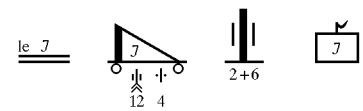
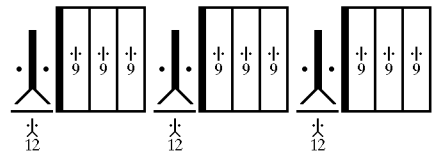
VETERINÄRKOMPANIE Veterinary Company

KStN 1415 *) – 1.10.1937

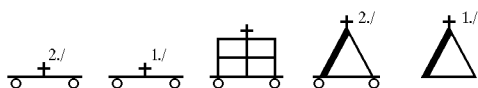




I.



A horizontal number line with arrows at both ends. It is marked with integers from 0 to 10. A point is marked with a dot at the number 9.



Order of Battle – 4th Wave Infantry Divisions – 1.09.1939

Inf. Div.	Inf. Rgt.	Inf. Rgt.	Inf. Rgt.	Art. Rgt.	Hvy. Art.Bn.	Recon Bn.	Antitank Bn.	Engr Bn.	Signal Bn.	Service Units	Raised	Home WK	Commanded by
251.	451	459	471	251	IV./251	251	251	251	251	251	26.08.39	IX	Gen.Lt. Hans Kratzert
252.	452	461	472	252	IV./252	252	252	252	252	252	26.08.39	VIII	Gen.Lt. Diether von Boehm-Bezing
253.	453	464	473	253	IV./253	253	253	253	253	253	26.08.39	VI	Gen.Lt. Fritz Kühne
254.	454	474	484	254	IV./254	254	254	254	254	254	26.08.39	VI	Gen.Maj. Fritz Koch
255.	455	465	475	255	IV./255	255	255	255	255	255	26.08.39	IV	Gen.Lt. Wilhelm Witzel
256.	456	476	481	256	IV./256	256	256	256	256	256	26.08.39	IV	Gen.Maj. Josef Foltmann
257.	457	466	477	257	IV./257	257	257	257	257	257	26.08.39	III	Gen.Lt. Max von Viebahn
258.	458	478	479	258	IV./258	258	258	258	258	258	26.08.39	II	Gen.Lt. Walther Wollman
260.	460	470	480	260	IV./260	260	260	260	260	260	26.08.39	V	Gen.Lt. Hans Schmidt
262.	462	482	486	262	IV./262	262	262	262	262	262	26.08.39	XVII	Gen.Lt. Edgar Theissen
263.	463	483	485	263	IV./263	263	263	263	263	263	26.08.39	XII	Gen.Maj. Franz Karl
267.	467	487	497	267	IV./267	267	267	267	267	267	26.08.39	XI	Gen.Lt. Ernst Fessmann
268.	468	488	499	268	IV./268	268	268	268	268	268	26.08.39	VII	Gen.Lt. Erich Straube
269.	469	489	490	269	IV./269	269	269	269	269	269	26.08.39	X	Gen.Maj. Eberhard Ernst Hell

Gen.Maj. = Generalmajor (US Army equivalent is Brigadier General)

Gen.Lt. = Generalleutnant (US Army equivalent is Major General)

Gen.der Inf. = General der Infanterie (US Army equivalent is Lieutenant General)

Authorized Establishment of the 4th Welle Infantry Divisions in accordance with the 39/40 Mobilization Plan	
	Inf.Div. 4. Welle
Personnel	
Officers	491
Officials (Beamten)	99
Non-Commissioned Officers	2,165
Enlisted Men	12,264
Total Personnel	15,019
Animals	
Heavy Draught Horses	611
Light Draught Horses	2,056
Riding Horses	1,410
Total Animals	4,077
Non-Motorized Vehicles	
Horse-Drawn Wagons and Carts	926
Vehicles (misc.)	15
Motor-Towed Trailers (multi-axle)	7
Motor-Towed Trailers (single-axle)	48
Total Non-Motorized Vehicles	996
Motor Vehicles	
Personnel Carriers	359
Load Carriers & Prime Movers	536
Armored Vehicles	–
Solo Motorcycles	328
Motorcycles with Sidecars	201
Total Motor Vehicles	1,424
Weapons	
Pistols	3,639
Rifles	10,807
Sub-Machine Guns	–
Light Machine Guns	343
Heavy Machine Guns	114
20mm Anti-Aircraft Guns	–
37mm Anti-Tank Guns	75
50mm Light Mortars	–
81mm Medium Mortars	–
75mm Light Infantry Guns	26
150mm Heavy Infantry Guns	–
105mm Light Field Howitzers	36
150mm Heavy Field Howitzers	12

KOMMANDO EINES INFANTERIEDIVISIONS

Headquarters of an Infantry Division

KStN 21 *) – 1.10.1937

DIVISIONSKOMMANDEUR – *DIVISION COMMANDER*

- Feldgendarmietrupp – *Military Police Section* [1]

FÜHRUNGSABTEILUNG – *COMMAND GROUP*

Ia **Erster Generalstabsoffizier** – *Chief of Operations*

- O1 Erster Ordonanzoffizier – *1st Assistant Adjutant*

Ic **Dritter Generalstabsoffizier** – *Chief Intelligence Officer*

- O3 Dritter Ordonanzoffizier – *3rd Assistant Adjutant*
- Kradmeldezug – *Motorcycle Messenger Platoon* [1]
- Divisionskartenstelle – *Division Mapping Unit* [1]

Divisions-Artillerieführer – *Division Artillery Officer* [Commanding Officer of the Artillery Regiment]

Divisions-Pionierführer – *Division Pioneer Officer* [Commanding Officer of the Engineer Battalion]

Divisions-Nachrichtenführer – *Division Signal Officer* [Commanding Officer of the Signal Battalion]

QUARTERMEISTER – *QUARTERMASTER*

Ib **Zweiter Generalstabsoffizier** – *Quartermaster*

- O2 2. Ordonanzoffizier – *2nd Assistant Adjutant*
- Ib/WuG Waffen- und Geräte-Offizier – *Arms and Equipment Officer*
- Ib/Kfz Kraftfahrzeugoffizier – *Division Motor Pool Officer*

IVa **Divisionsintendant** – *Division Commissary Officer*

- Divisionskasse – *Division Pay Office*
- Divisions-Verpflegungsamt – *Division Commissary Section*
- Bäckereikompanie – *Baker Company*
- Schlachteriekompanie – *Butcher Company*

IVb **Divisionsarzt** – *Division Surgeon*

- Sanitätskompanien – *Medical Companies*
- Feldlazarett – *Field Hospital*
- Krankenkraftwagenzüge – *Ambulance Platoons*
- All medical services and medical personnel of the division

IVc **Divisionsveterinär** – *Division Veterinarian*

- Veterinärkompanie – *Veterinary Company*
- All veterinary services and veterinary personnel of the division

V **Divisionsingenieur** – *Division Motor Officer*

Feldpostmeister – *Field Postmaster* [Postmaster of the Field Post Detachment]

- Feldpostamt – *Field Post Detachment* [1]

DiNaFü Divisionsnachschubführer – *Chief of Division Supply* [Commanding Officer of the Supply Battalion] [2]

- Nachschubabteilung – *Supply Battalion* [2]
- All ration trains of the division
- All combat trains of the division

ADJUTANTUR – *ADJUTANT'S OFFICE*

IIa **Divisionsadjutant** – *Division Adjutant*

III **Divisionsgericht** – *Division Judge Advocate*

IVd **Divisionspfarrer** – *Division Chaplains*

St.Qu. **Kommandant des Stabsquartiers** – *Headquarters Commandant*

- Zahlmeister – *Staff Paymaster*
- Verpflegungstrass – *Ration Trains*
- Kraftfahrzeugstaffel – *Motor Pool*
 - Kraftwagengruppe – *Motor Vehicle Section*
 - Kraftfahrzeuginstandsetzungstrupp – *Motor Maintenance Section*
- Infanterie-Stabswache – *Headquarters Guard*

NOTES:

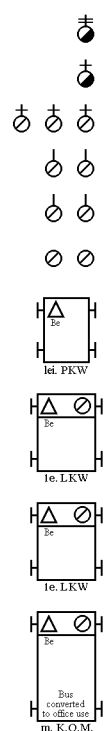
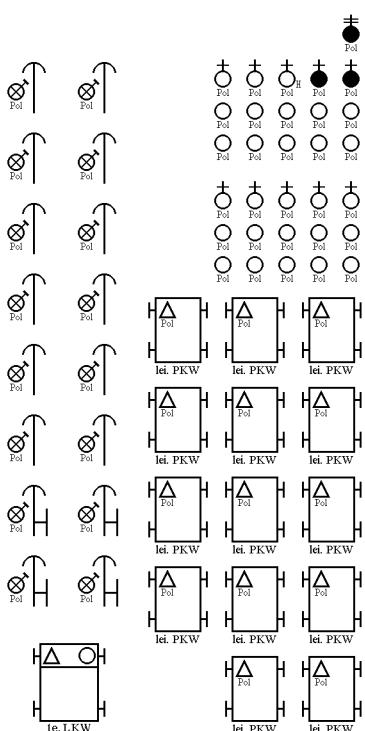
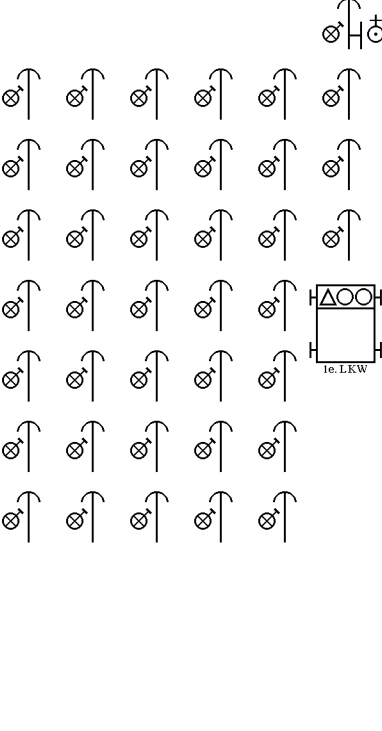
- [1] The “independent” Military Police Section, Motorcycle Messenger Platoon, Division Mapping Unit, and Field Post Detachment, (although each having its own KStN – see next page), were fully integrated into the division headquarters at all times, and attached to the **St.Qu.** for administration, mess, and supply.
- [2] In practice, the staff of the Supply Battalion operated within the division headquarters as the personal staff for the **DiNaFü** as well as the command echelon for the battalion itself.

Division Headquarters Strength:

(including, Military Police Section, Motorcycle Messenger Platoon, Division Mapping Unit, and Field Post Detachment):

- 19 Officers
- 31 Beamten (including 18 in the Field Post Detachment)
- 63 Non-Commissioned Officers (including 35 in the Military Police Section)
- 145 Enlisted Men
 - 6 riding horses
 - 18 personnel carriers
 - 17 load carriers
 - 48 motorcycles
 - 3 motorcycles with side car
 - 2 heavy machine guns

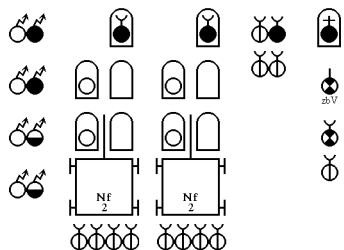
STABSEINHEITEN, INFANTERIEDIVISION (Division 4. Welle)
Headquarters Units, Infantry Division (4th Welle Division)

KStN 2251 – 1.04.35	KStN 2033 *) – 1.10.38	KStN 1067 *) – 1.10.38	KStN 2076 *) – 1.10.38
Field Post Office 	Military Police Detachment 	Motorcycle Messenger Platoon 	Divisional Mapping Unit 

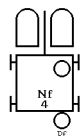
STAB & STABSEINHEITEN, INFANTERIEREGIMENT (Division 4. Welle)
Headquarters and Headquarters Units, Infantry Regiment (4th Welle Division)

KSStN 221 – 1.11.37

Signal Platoon



Platoon Trains

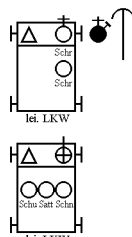


1 Light Telephone Section a
 2 Medium Telephone Sections a
 4 Pack Radio Sections d

KSStN 101(O) – 1.11.37

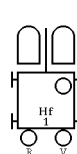
Regimental Headquarters

Baggage Trains



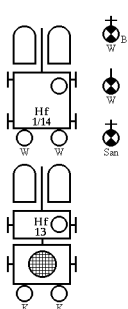
Also provides
 transport for the
 Regimental
 Infantry Gun
 Company

Provisions Trains

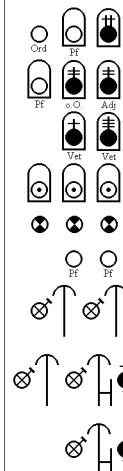


Normally
 attached to one
 of the Battalion
 Provisions
 Trains

Combat Trains

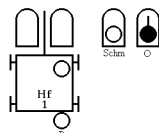
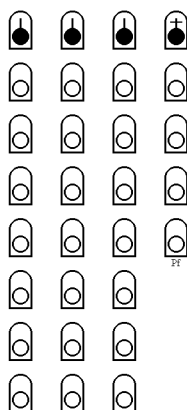


Headquarters



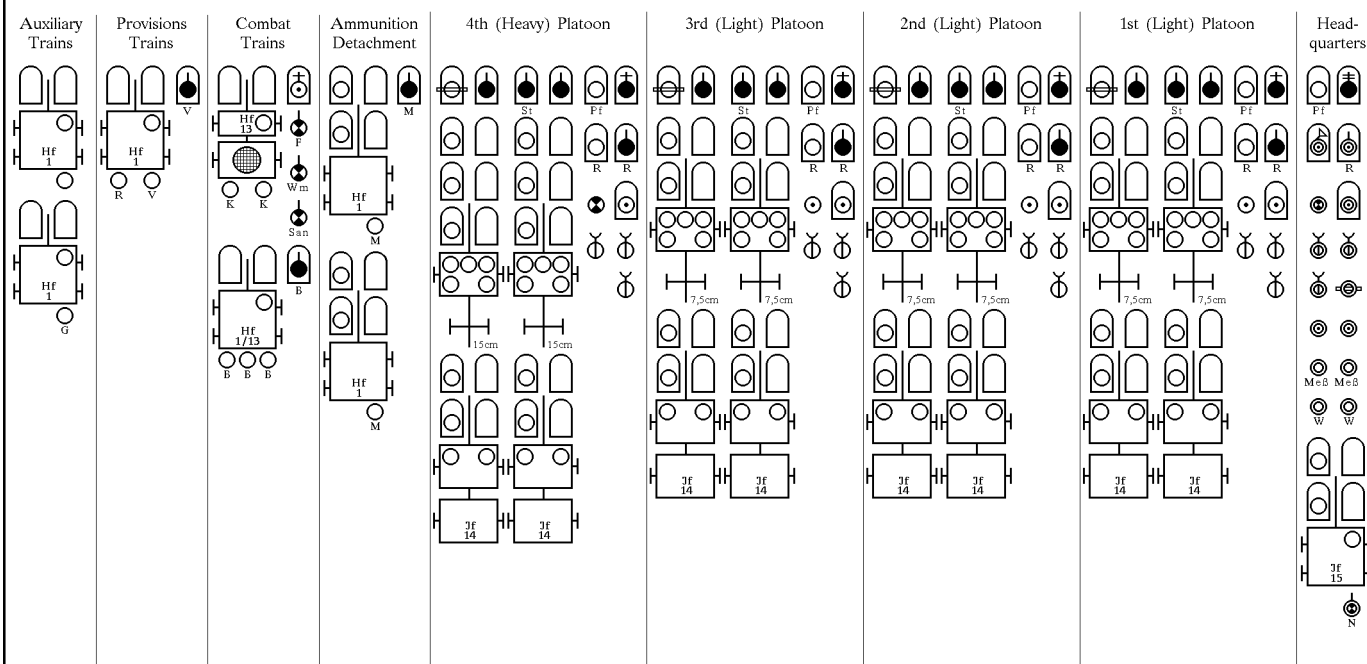
INFANTERIE-REITERZUG (Division 4. Welle)
Infantry Horse Platoon (4th Welle Division)

KSStN 181 – 1.10.1937



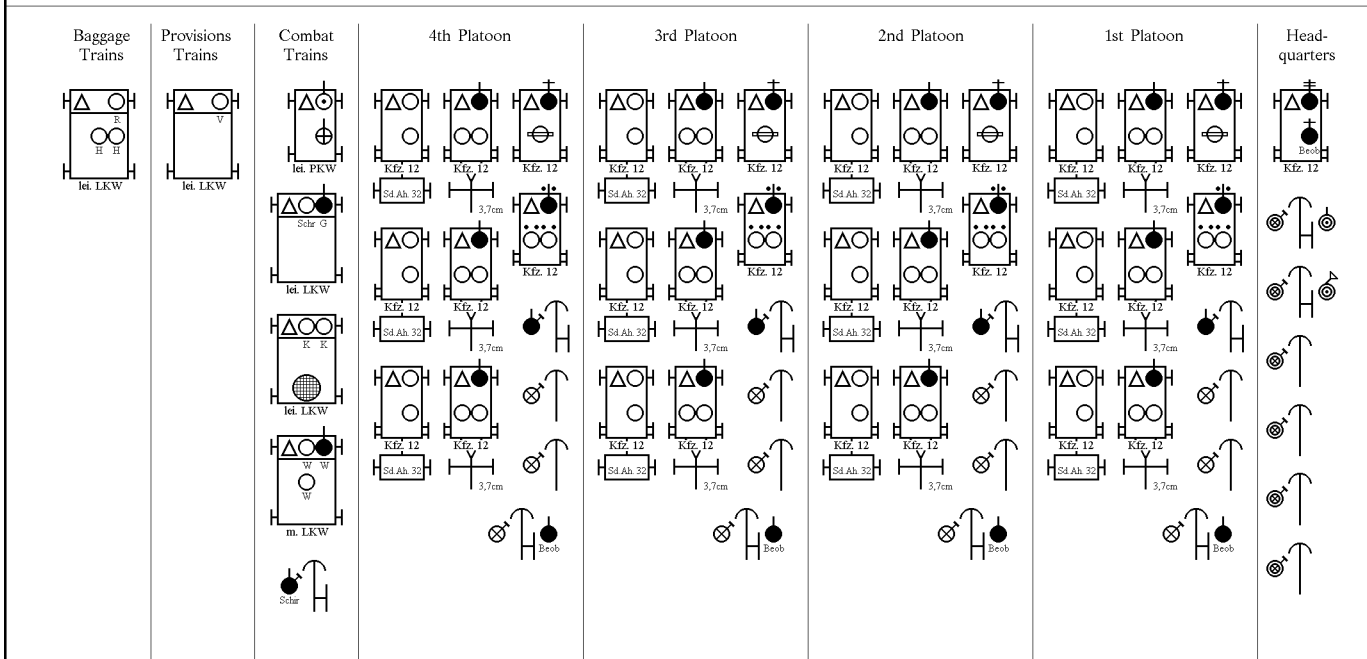
INFANTERIEGESCHÜTZKOMPANIE (Division 4. Welle) **Infantry Gun Company (4th Welle Division)**

KSStN 171 – 1.10.1937



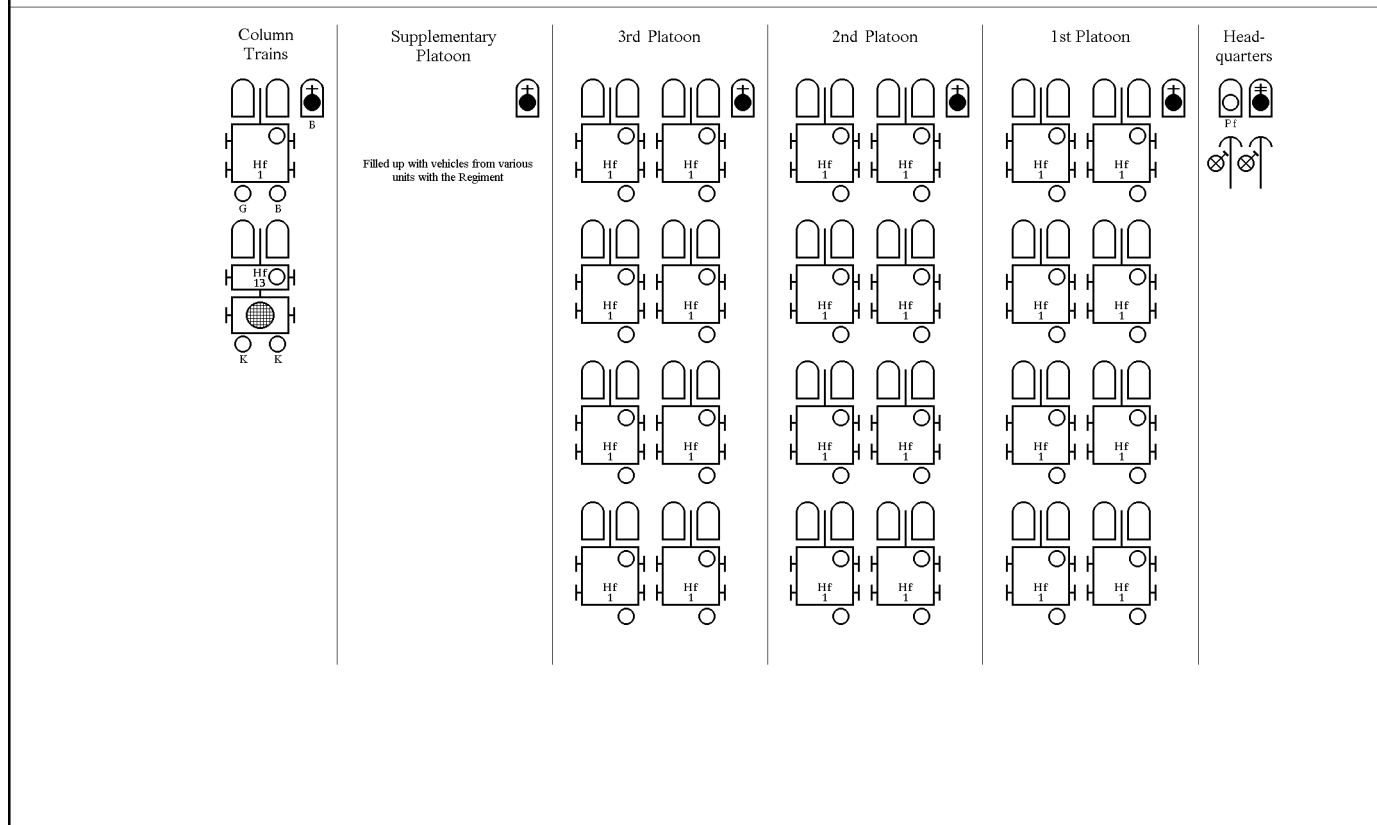
INFANTERIEPANZERABWEHRKOMPANIE (motorisierter Zug) (Division 4. Welle) **Motor Towed Infantry Antitank Company (4th Welle Division)**

KSStN 184 – 1.10.1937



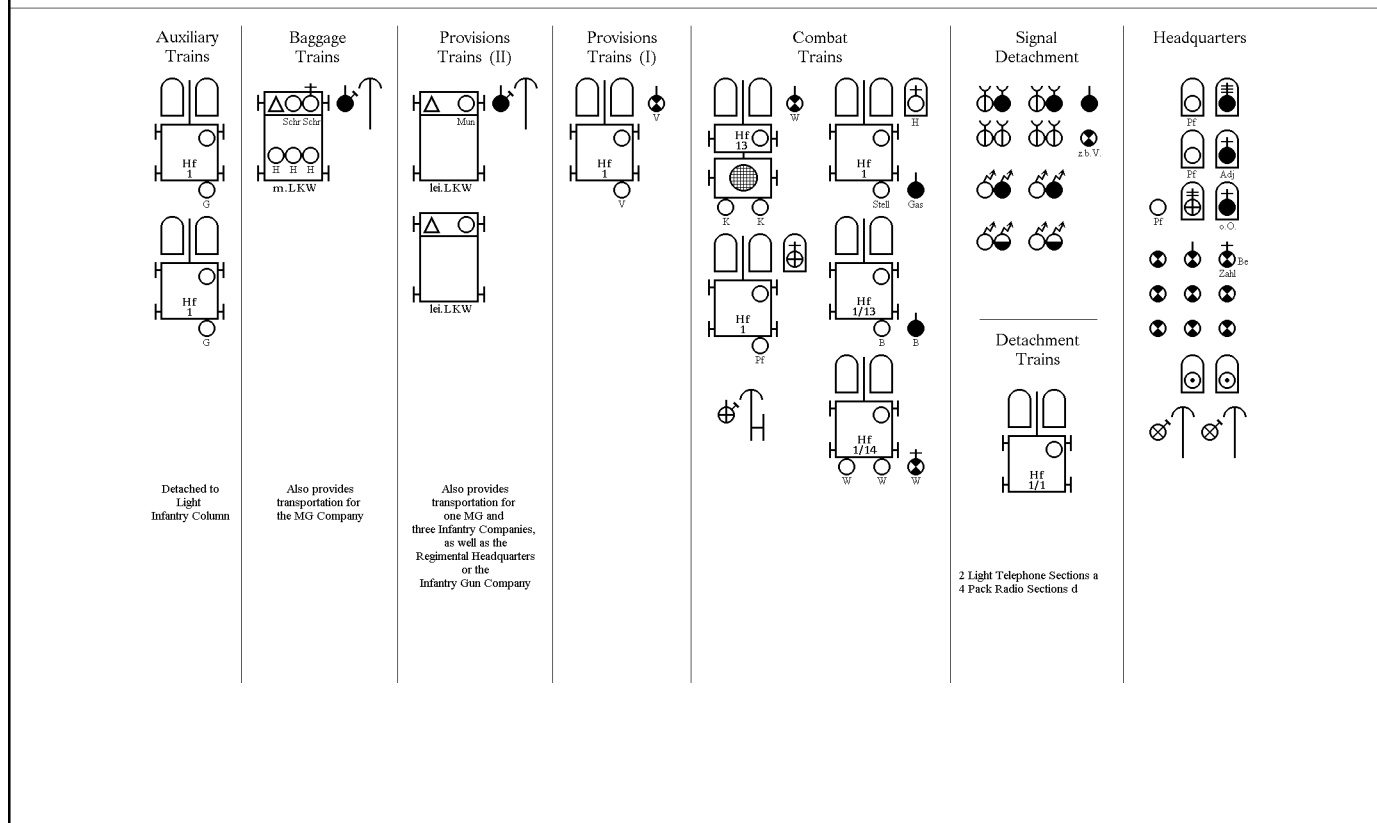
LEICHTE INFANTERIEKOLONNE (Division 4. Welle) **Light Infantry Column (4th Welle Division)**

KStN 201 – 1.10.1937



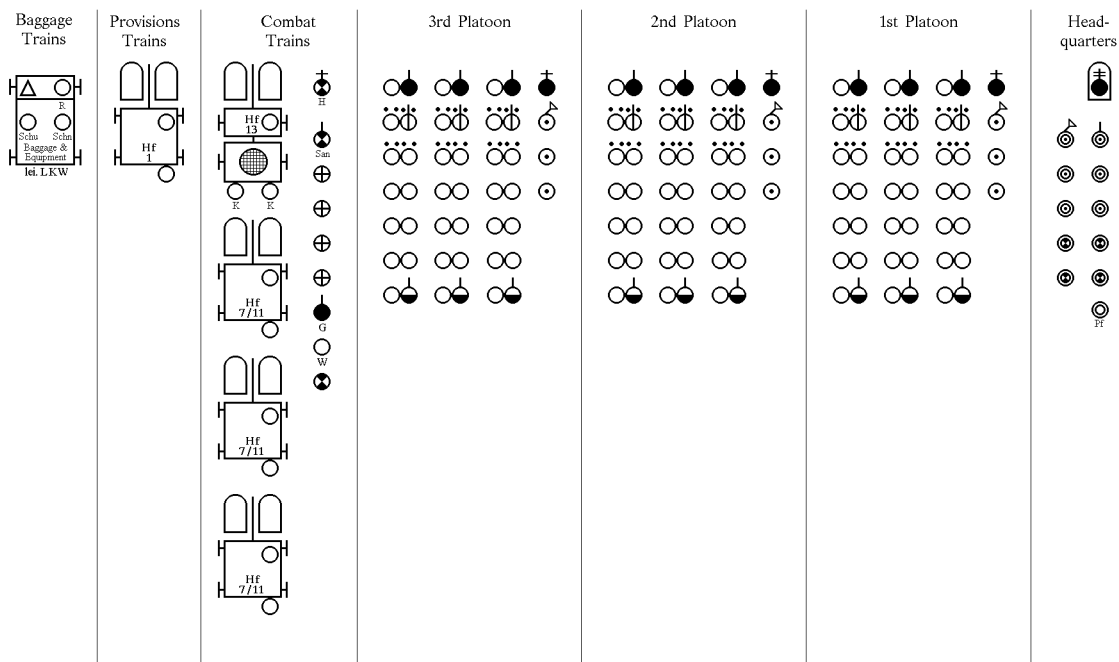
STAB EINES INFANTERIEBATAILLONS (Division 4. Welle) **Headquarters, Infantry Battalion (4th Welle Division)**

KStN 111 (R) – 1.10.1937



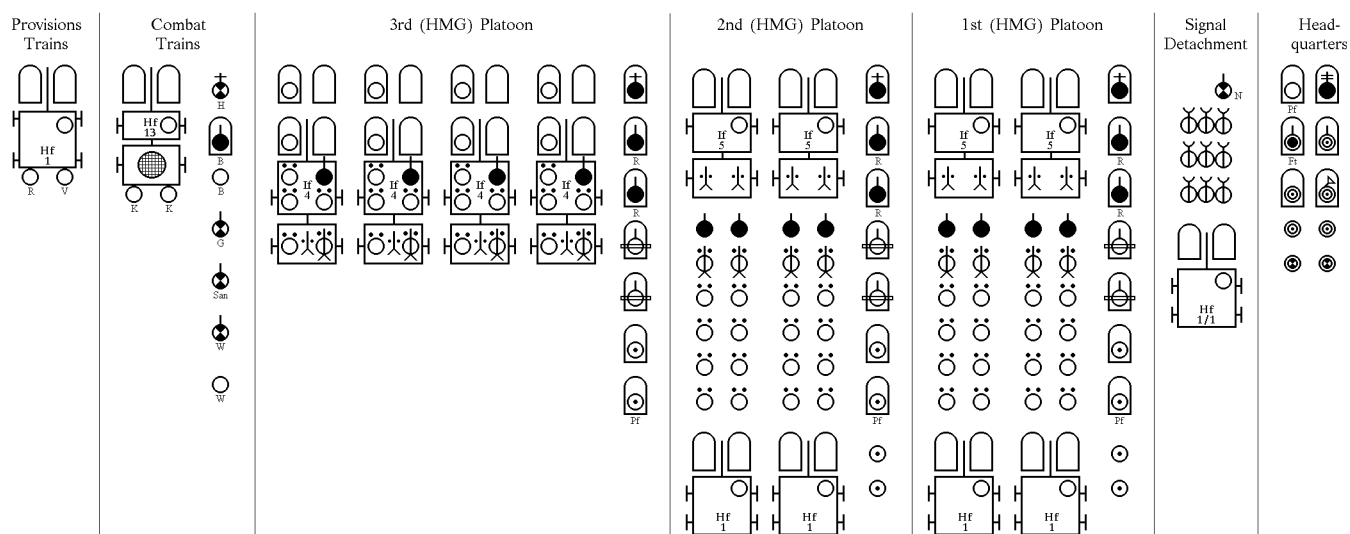
SCHÜTZENKOMPANIE a (Division 4. Welle) **Rifle Company Type a (4th Welle Division)**

KStN 131a (R) – 1.10.1937



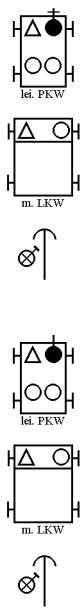
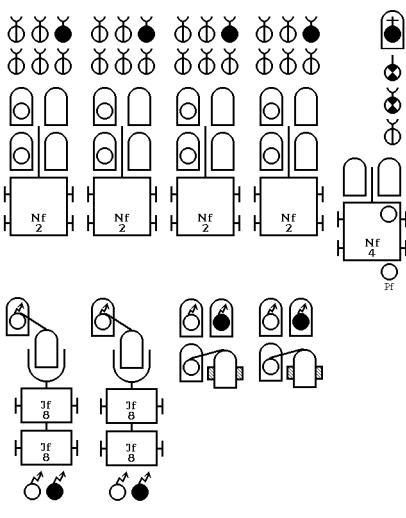
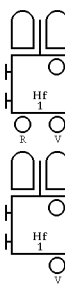
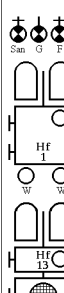
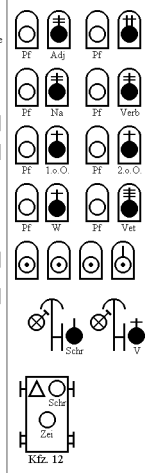
MASCHINENGEWEHRKOMPANIE a (Division 4. Welle) **Machine Gun Company Type a (4th Welle Division)**

KStN 151a – 1.10.1937

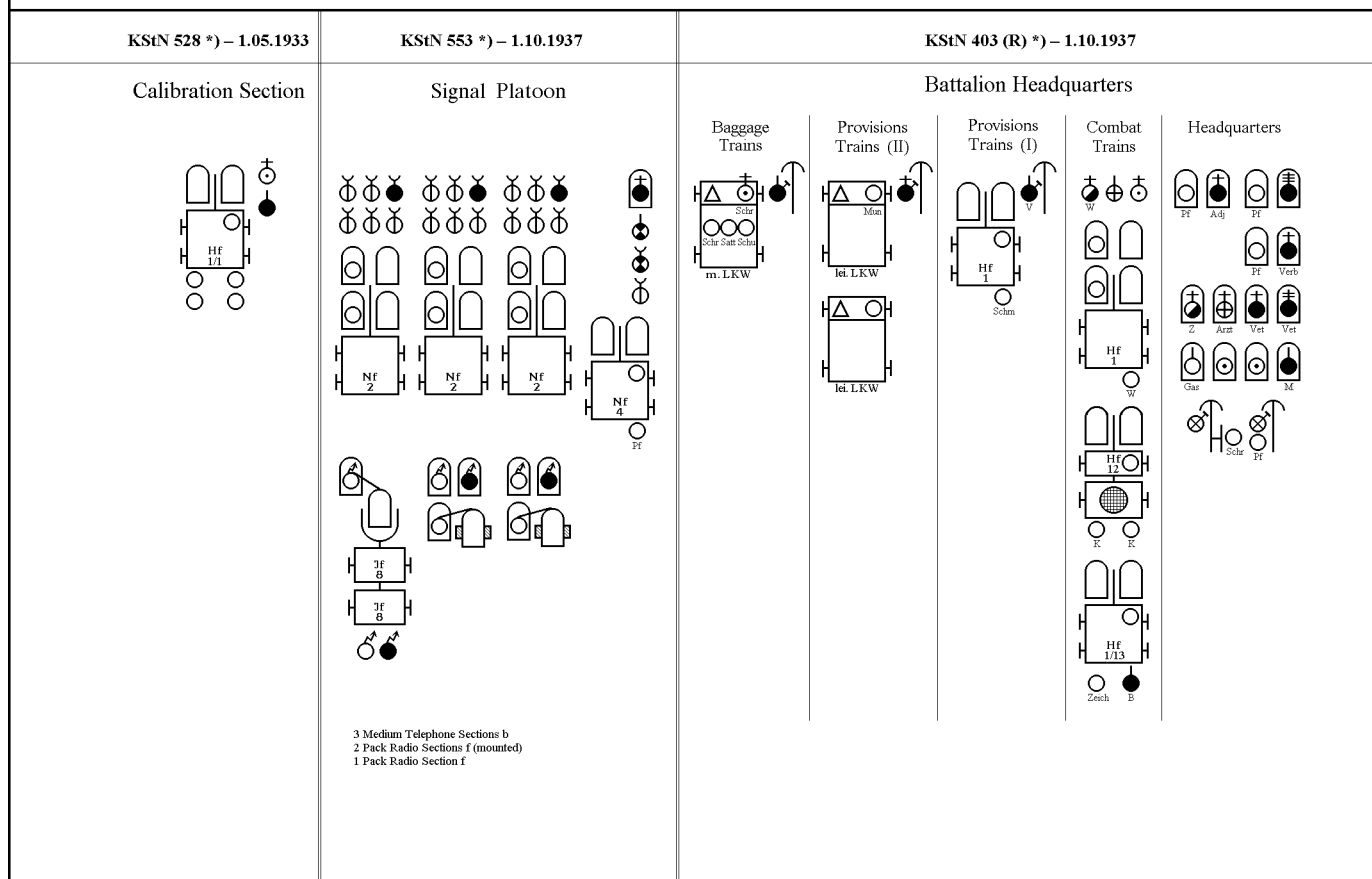


3 Light Telephone Sections a

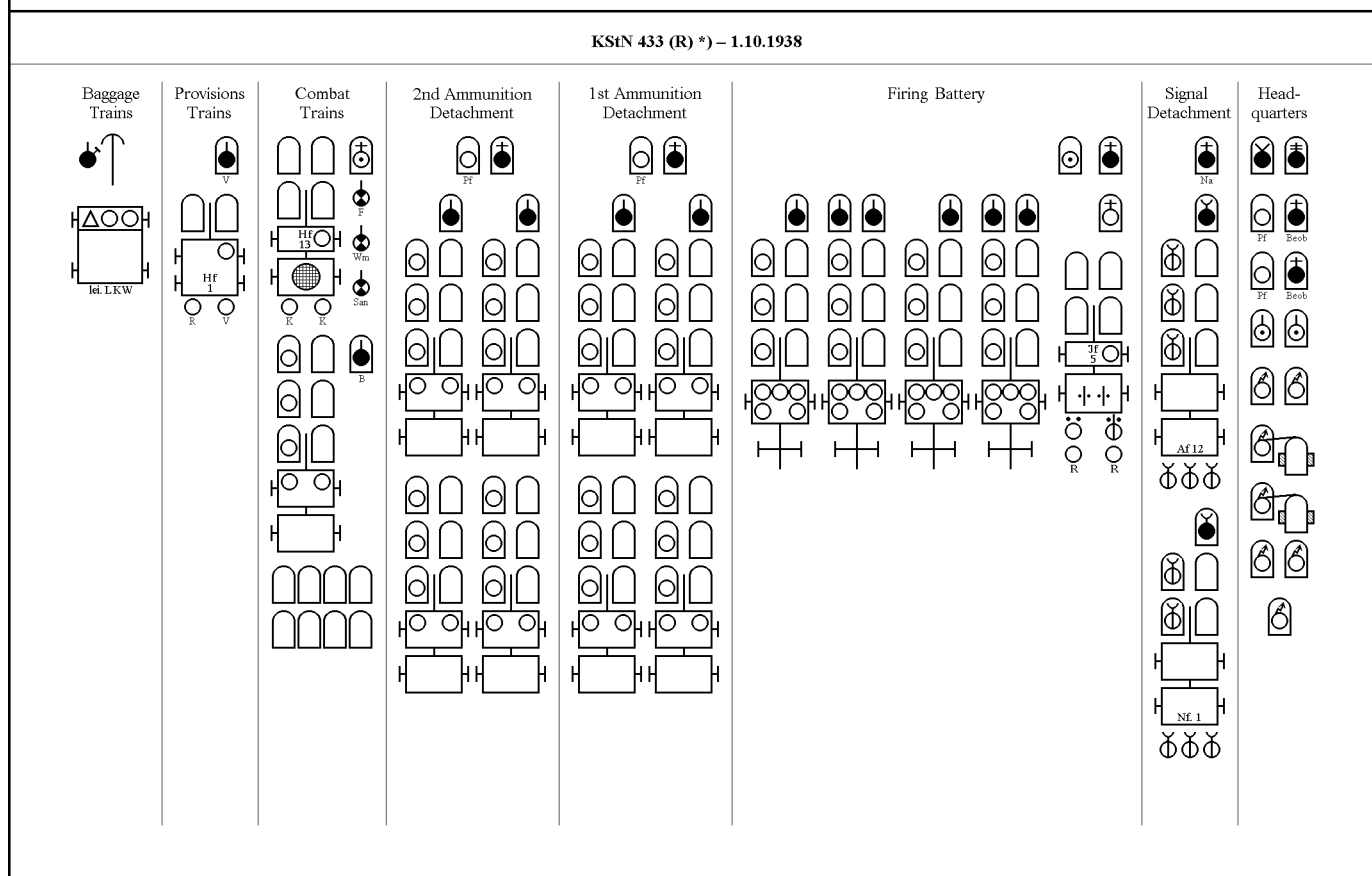
STAB & STABSEINHEITEN, ARTILLERIEREGIMENT (Division 4. Welle)
Headquarters and Headquarters Units, Artillery Regiment (4th Welle Division)

KSStN 527 *) – 1.12.1934	KSStN 538 *) – 1.10.1936	KSStN 551 *) – 1.11.37	KSStN 401*) – 1.11.37
Printing Section	Weather Platoon	Signal Platoon	Regimental Headquarters
		 4 Medium Telephone Sections b 2 Pack Radio Sections f (mounted) 2 Pack Radio Sections	    Regiment Commander had a choice of two horses or the light car for transportation.

STAB & STABSEINHEITEN, LEICHTE ARTILLERIE-ABTEILUNG (bespannt) (Division 4. Welle) **Headquarters and Headquarters Units, Light Artillery Battalion (horse-drawn) (4th Welle Division)**



BATTERIE LEICHTE FELDHAUBITZEN (bespannt) (Division 4. Welle) **Light Field Howitzer Battery (horse-drawn) (4th Welle Division)**

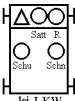
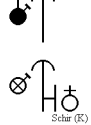
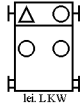
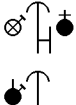
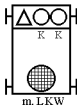
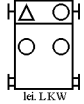
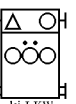
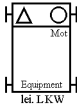
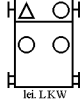
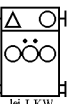
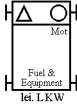
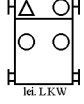
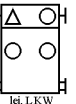
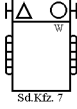
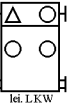


STAB & STABSEINHEITEN, SCHWERE ARTILLERIE-ABTEILUNG (mot) (Division 4. Welle)
Headquarters and Headquarters Units, Heavy Artillery Battalion (motorized) (4th Welle Division)

KStN 536 *) – 1.10.1937	KStN 528 *) – 1.05.1933	KStN 406 *) – 1.10.1938
Calibration Detachment	Signal Platoon 1 Large Telephone Section a 1 Medium Telephone Section b 4 Pack Radio Sections f 3 Pack Radio Sections f (mot)	Battalion Headquarters

BATTERIE SCHWERE FELDHAUBITZEN (mot) (Division 4. Welle)
Heavy Field Howitzer Battery (motorized) (4th Welle Division)

KStN 462 *) – 1.10.1938

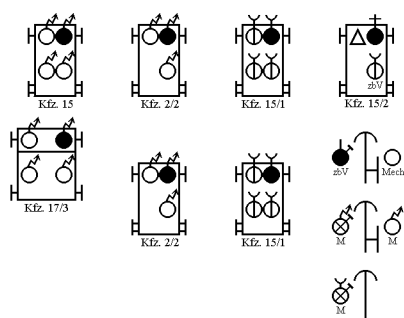
Baggage Trains	Combat Trains	2nd Ammunition Detachment	1st Ammunition Detachment	Firing Battery	Signal Detachment	Head- quarters
						
						
						
						
						

STAB, AUFKLÄRUNGS-ABTEILUNG (teilmotorisiert) **Headquarters, Semi-Motorized Reconnaissance Battalion**

KStN 1191(Lw) *) – 1.10.1937

KStN 1105(Lw) *) – 1.03.1939

Signal Detachment



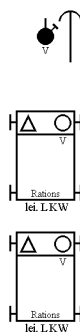
2 Light Telephone Sections c
 2 Pack Radio Sections b
 1 Medium Radio Section b

Battalion Headquarters

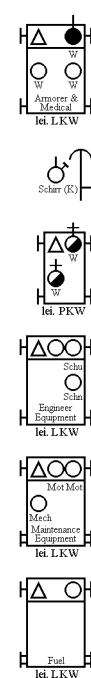
Baggage Trains



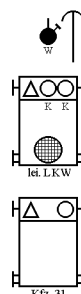
Rations Trains



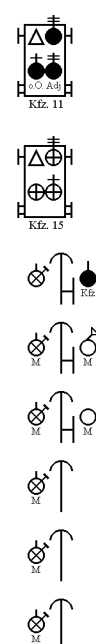
Maintenance Detachment



Combat Trains



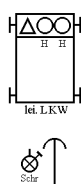
Headquarters



RADFAHRSCHWADRON / AUFKLÄRUNGSABTEILUNG (teilmotorisiert) **Bicycle Company / Semi-Motorized Reconnaissance Battalion**

KStN 353 *) – 1.10.1937

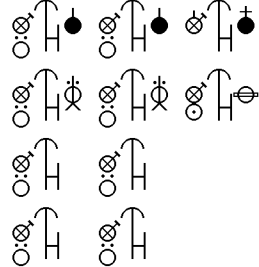
Baggage Trains



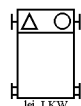
Combat Trains



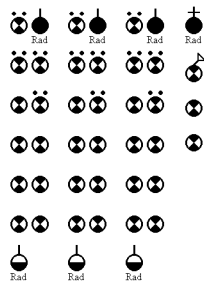
HMG Detachment



Detachment Trains



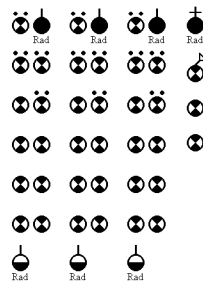
3rd Platoon



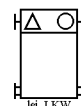
Platoon Trains



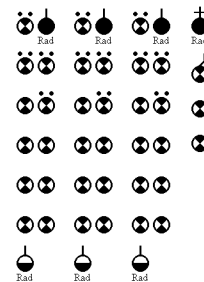
2nd Platoon



Platoon Trains



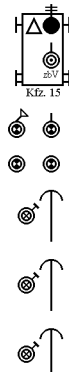
1st Platoon



Platoon Trains

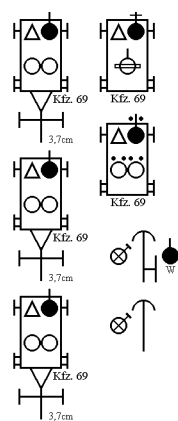


Head-quarters



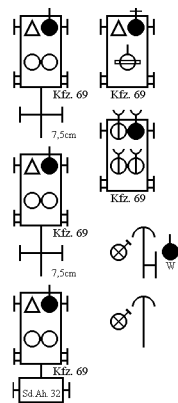
KAVALLERIE-PANZERABWEHRZUG (3 Geschütze)(motorisierter Zug)
Motor Towed Cavalry Antitank Platoon (3 guns)

KStN 341 *) – 1.10.1937



KAVALLERIE-GESCHÜTZZUG (2 Geschütze)(motorisierter Zug)
Motor Towed Cavalry Gun Platoon (3 guns)

KStN 343 *) – 1.10.1937

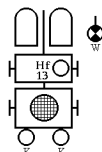


PIONIERBATAILLON (teilmotorisiert) **Semi-Motorized Engineer Battalion**

KSStN 702 – 1.10.1937

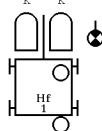
Baggage &
Provisions
Trains

1st LKW

Combat &
Provisions
Trains

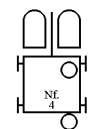
K

K

Combat &
Provisions
Trains

Hf

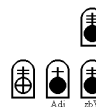
1

Signal
Detachment

NL

4

Headquarters



Adj

zB/V

K

K

P

P

Zahl

Kfz. 15

Schr

Schr

1st PKW

V

Gas

4 Pack Radio Sections b

LEICHTE PIONIERKOLONNE (motorisiert) **Motorized Light Engineer Transport Column**

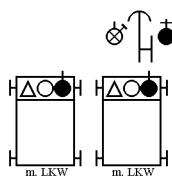
KSStN 741 – 1.10.1937

Trains



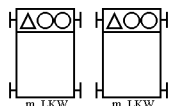
1st LKW

2nd Platoon



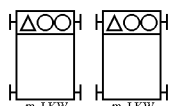
m. LKW

m. LKW



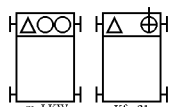
m. LKW

m. LKW



m. LKW

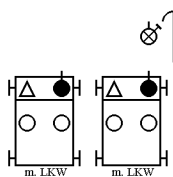
m. LKW



m. LKW

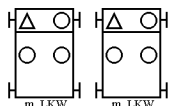
Kfz. 31

1st Platoon



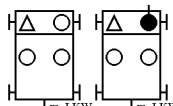
m. LKW

m. LKW



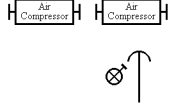
m. LKW

m. LKW



m. LKW

m. LKW



m. LKW

m. LKW

Head-
quarters

1st PKW

K

K

P

P

Zahl

Kfz. 15

Schr

Schr

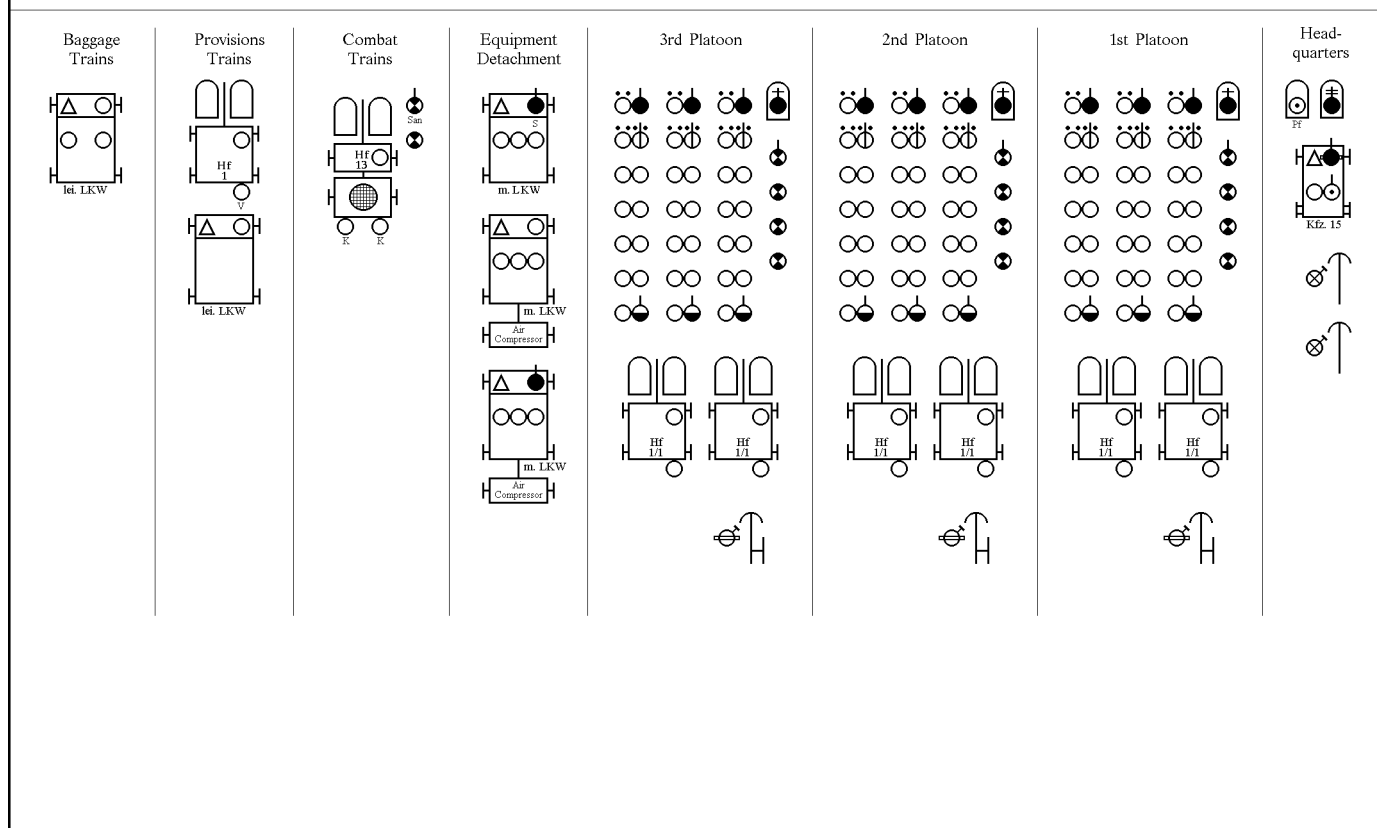
1st PKW

V

Gas

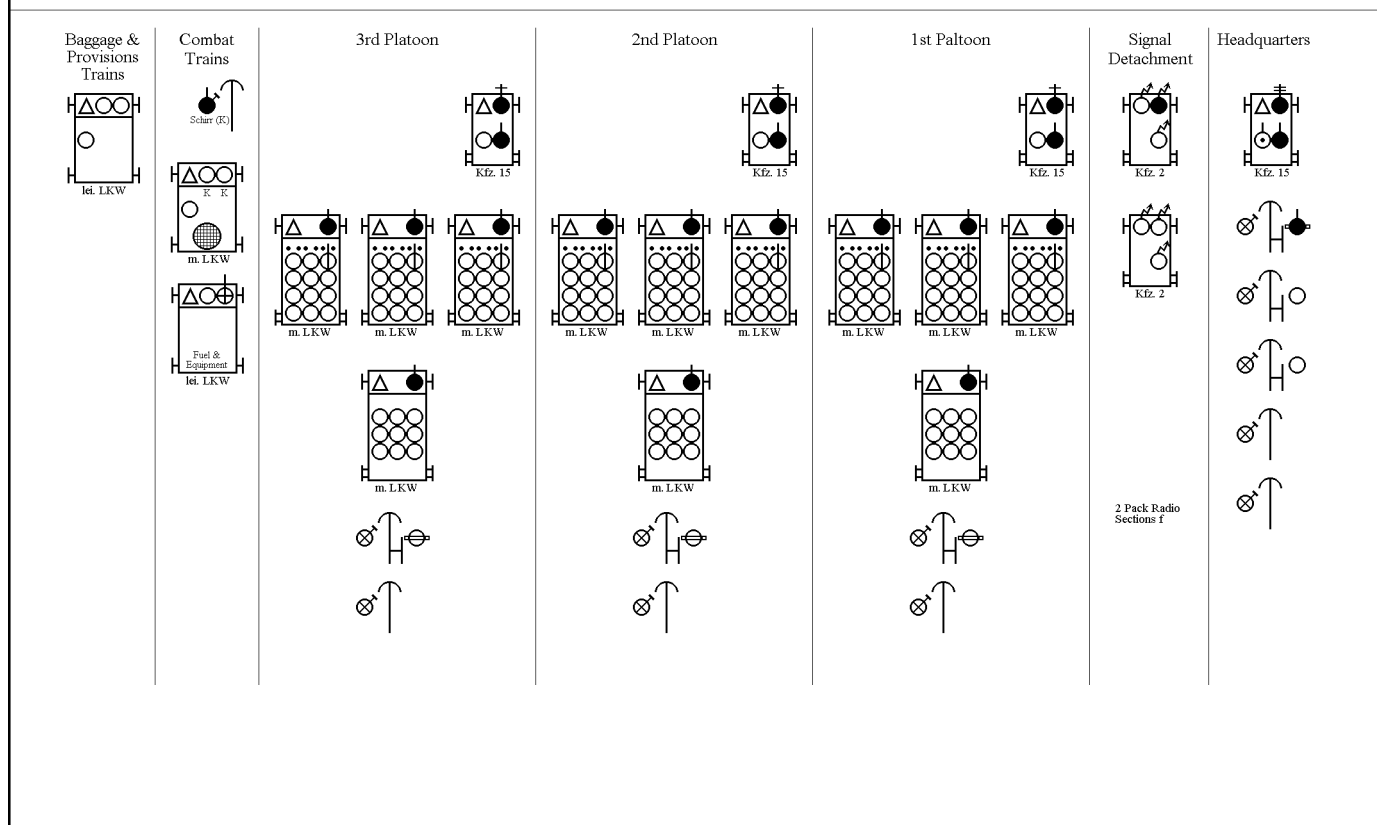
PIONIERKOMPANIE (Reich) **Engineer Company (Reich)**

KSStN 711(R) – 1.09.1934



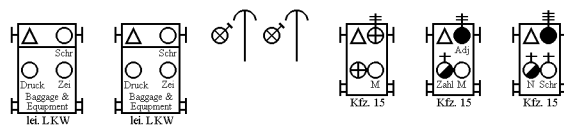
PIONIERKOMPANIE (motorisiert) **Motorized Engineer Company**

KSStN 712 – 1.10.1937



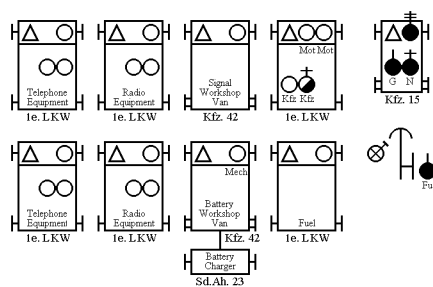
STAB, INFANTERIEDIVISIONSNACHRICHTENABTEILUNG (motorisiert)
Headquarters, Infantry Division Motorized Signal Battalion

KStN 807 – 1.10.1937



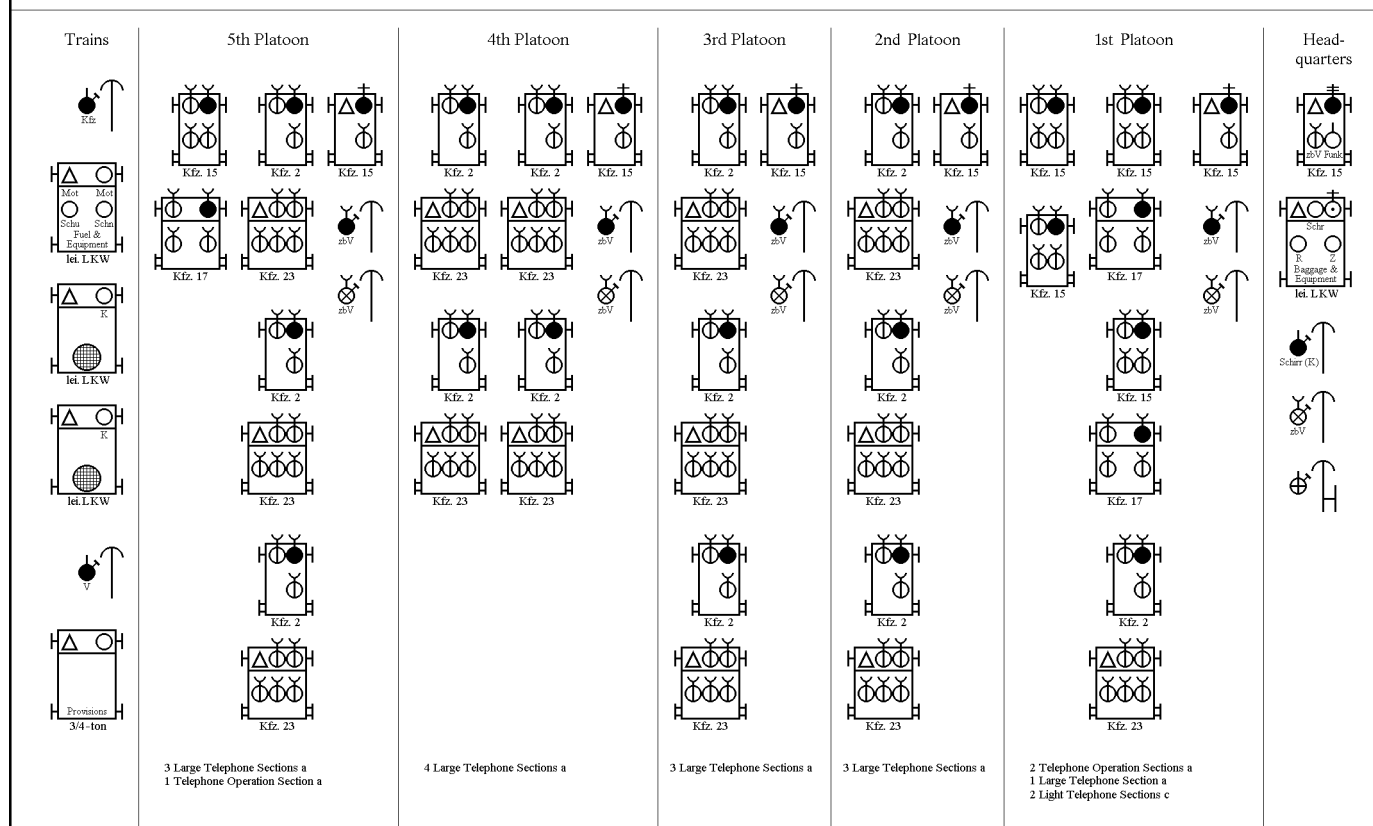
LEICHTE NACHRICHTENKOLONNE a (motorisiert)
Motorized Light Signal Column Type a

KStN 871 *) – 1.10.1937



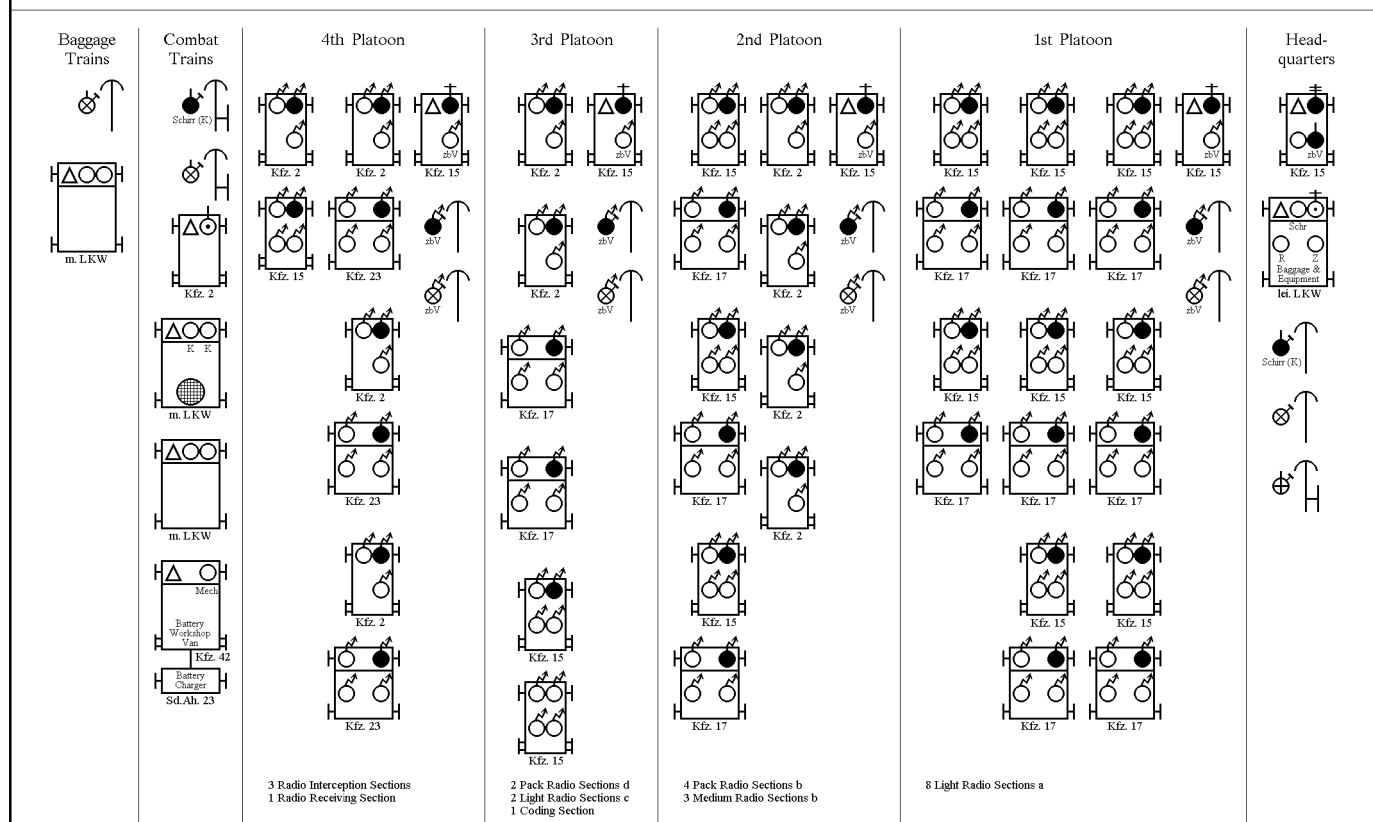
KStN 829 – 1.03.1939

KStN 829 – 1.03.1939



KStN 859 *) – 1.10.1938

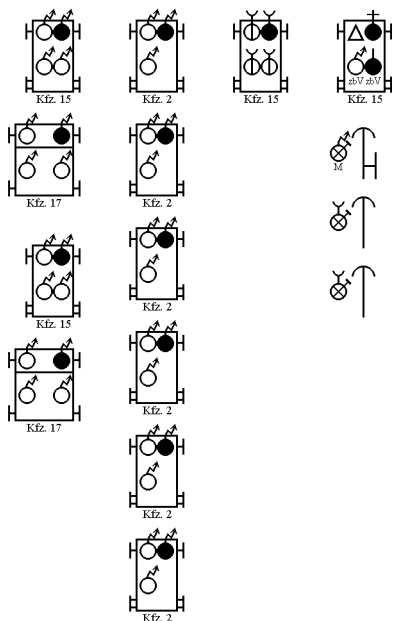
KStN 859 *) – 1.10.1938



STAB, PANZERABWEHR-ABTEILUNG (motorisiert) **Headquarters, Motorized Antitank Battalion**

KStN 1192 *) – 1.10.1937

Signal Platoon



1 Light Telephone Section b
 6 Pack Radio Sections b
 2 Light Radio Sections b

KStN 1106 *) – 1.10.1937

Battalion Headquarters

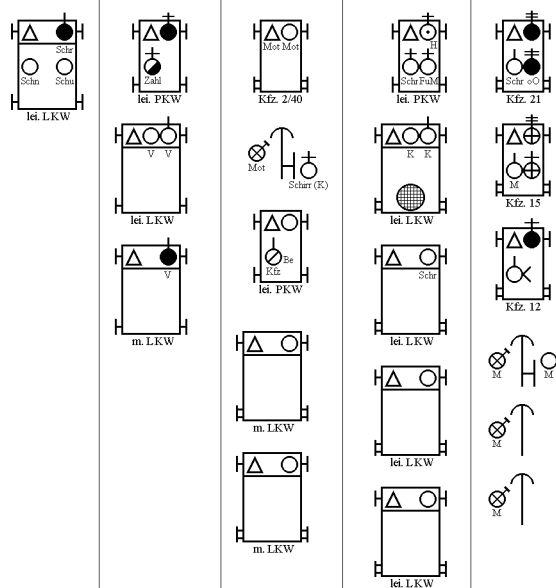
Baggage Trains

Rations Trains

Maintenance Detachment

Combat Trains

Headquarters



PANZERABWEHR-KOMPANIE "b" (motorisierter Zug) **Motor Towed Antitank Company Type "b"**

KStN 1143 – 1.10.1937

Baggage Trains

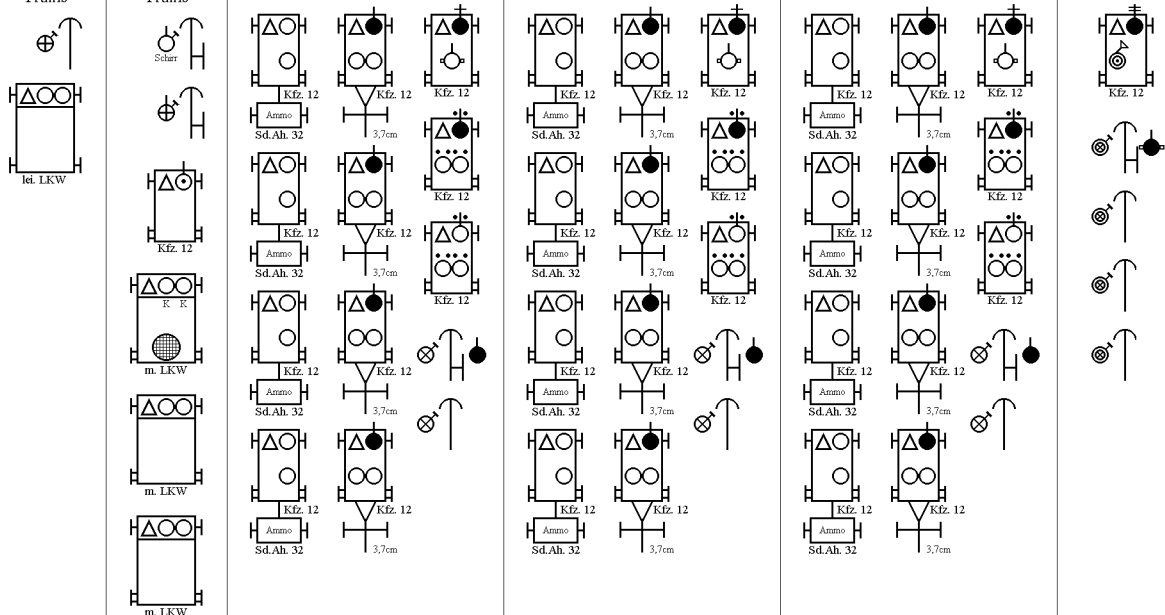
Combat Trains

3rd Platoon

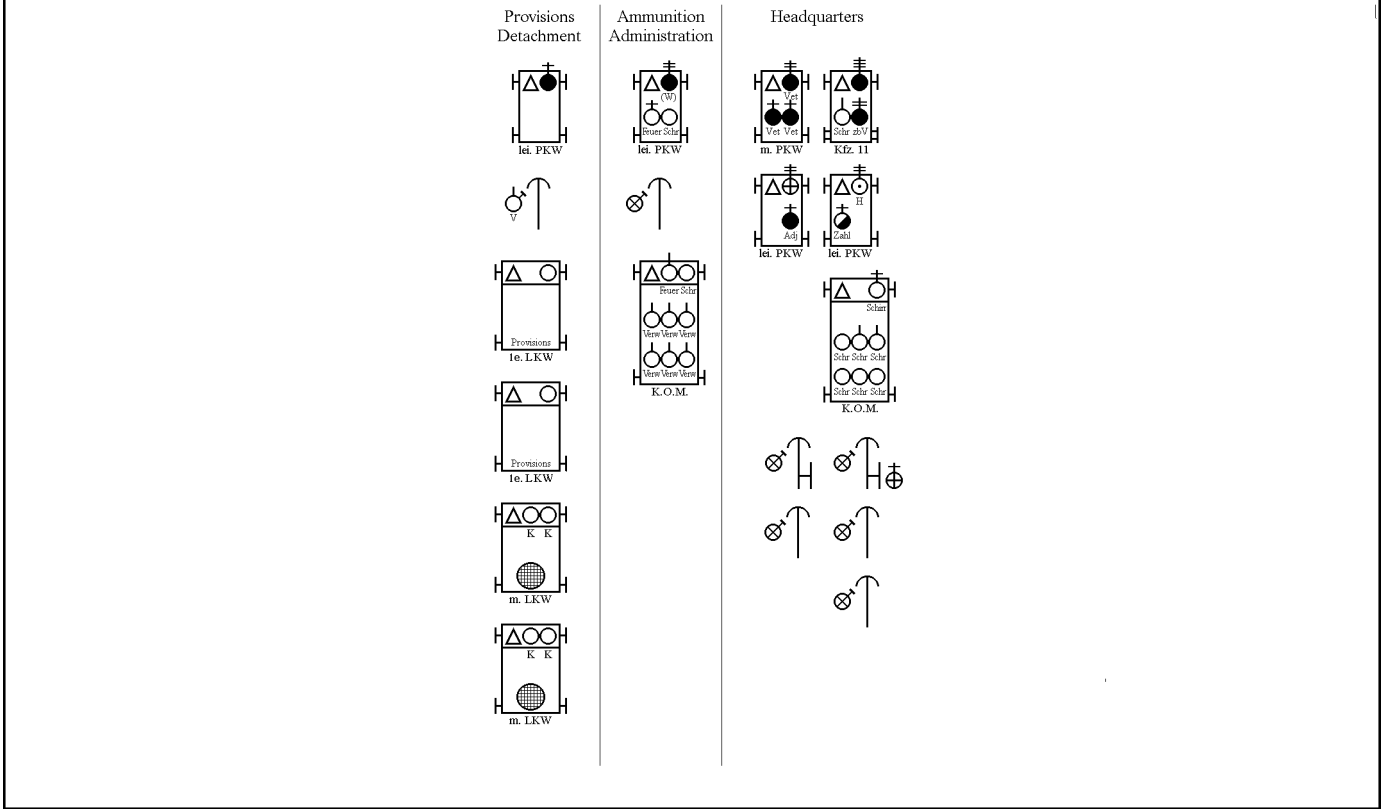
2nd Platoon

1st Platoon

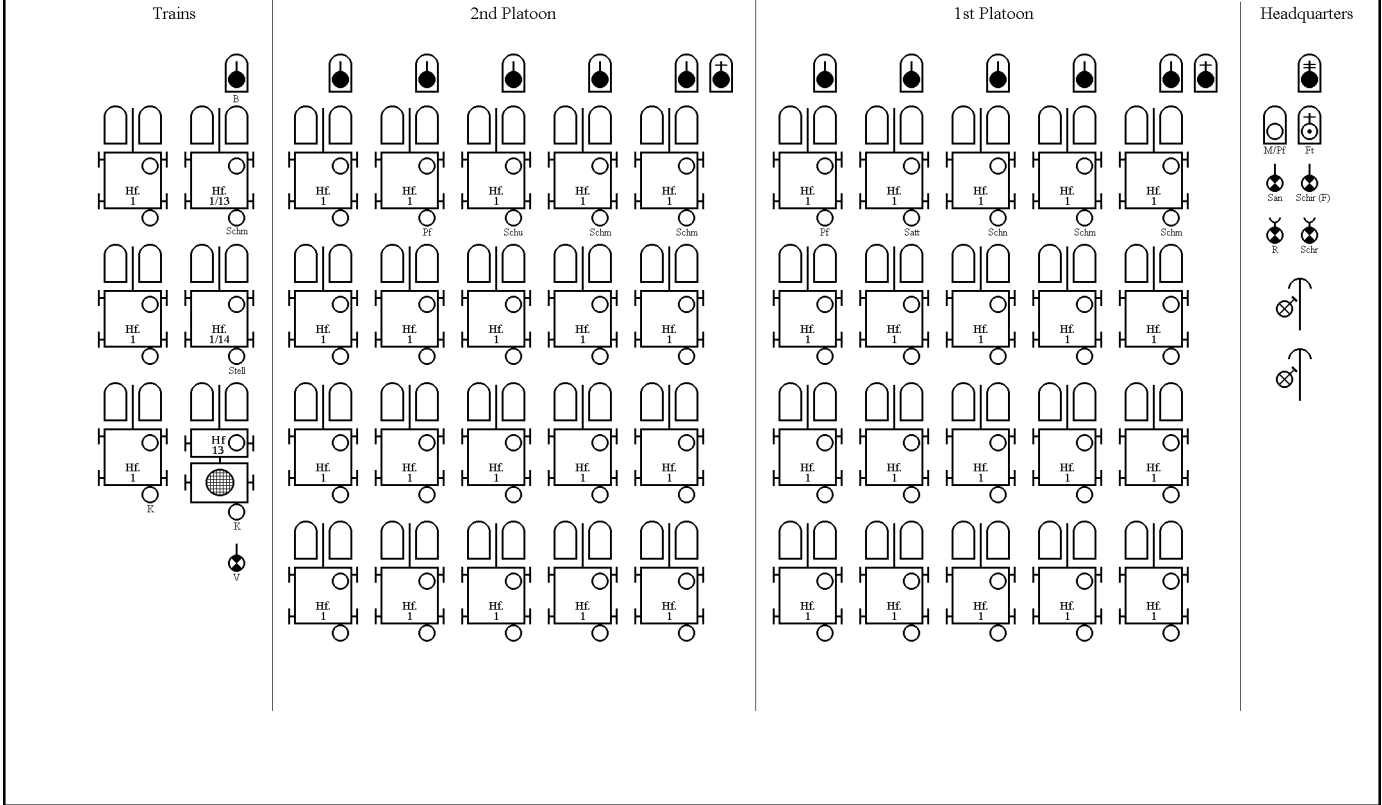
Headquarters



KStN 1202 – 1.03.1939

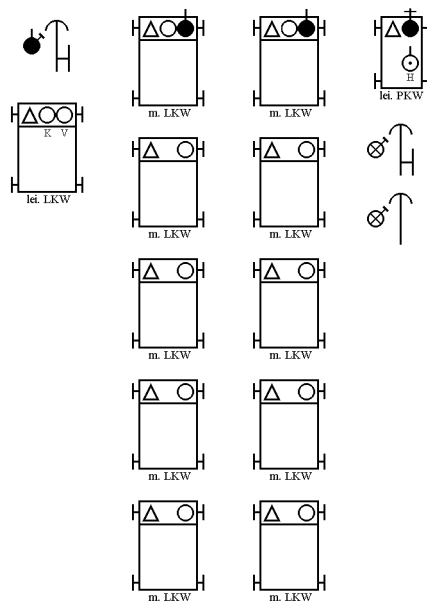


KStN 1241 – 1.10.1937



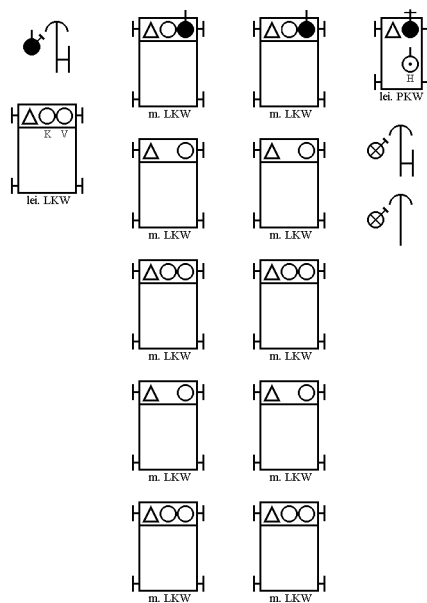
KLEINE KRAFWAGENKOLONNE (30 Tonnen) **Motor Transport Column (30 tons)**

KSStN 1125 *) – 1.10.1937



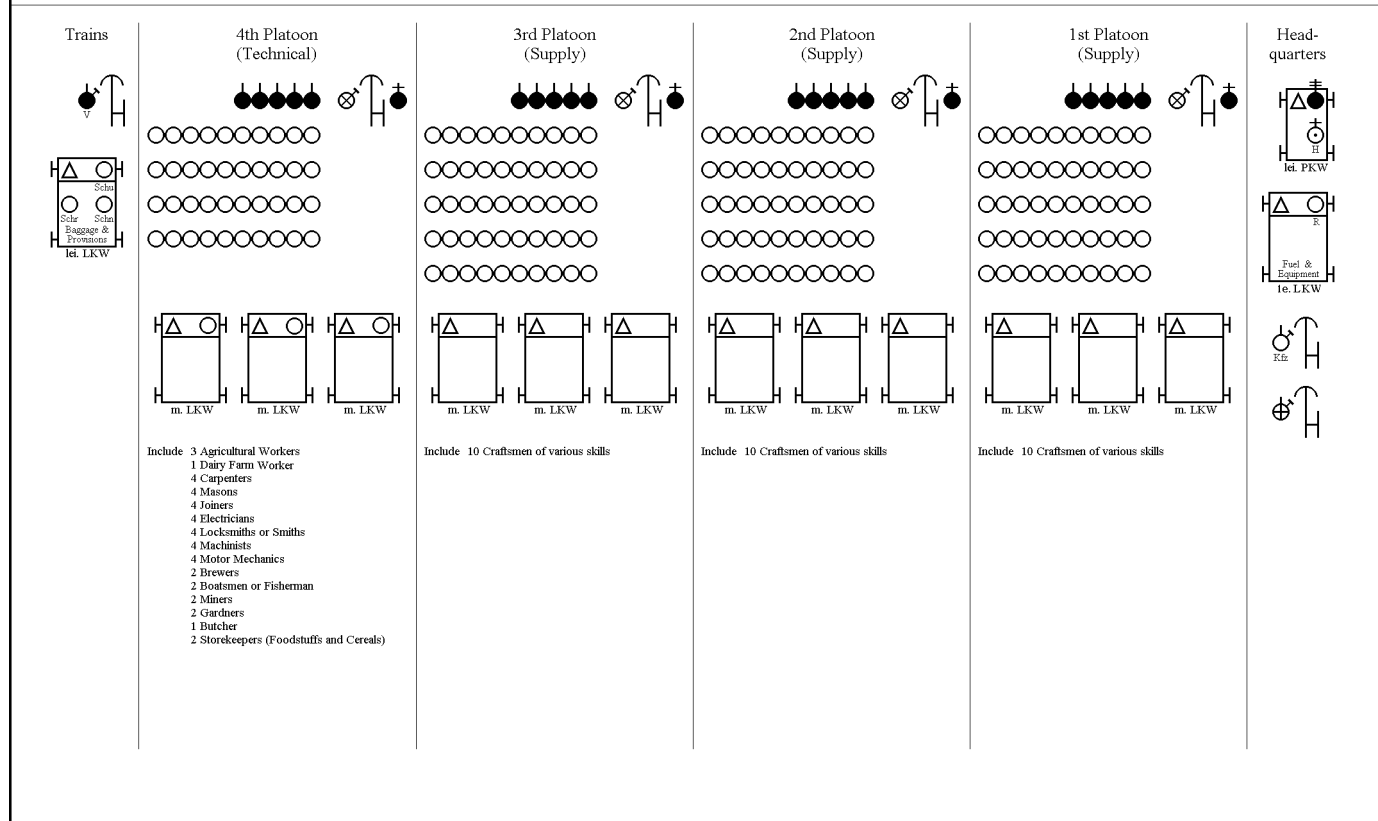
KLEINE KRAFWAGENKOLONNE FÜR BETRIEBSSTOFF (25cbm) **Motor Transport Column for Fuel (25m³)**

KSStN 1125 *) – 1.10.1937



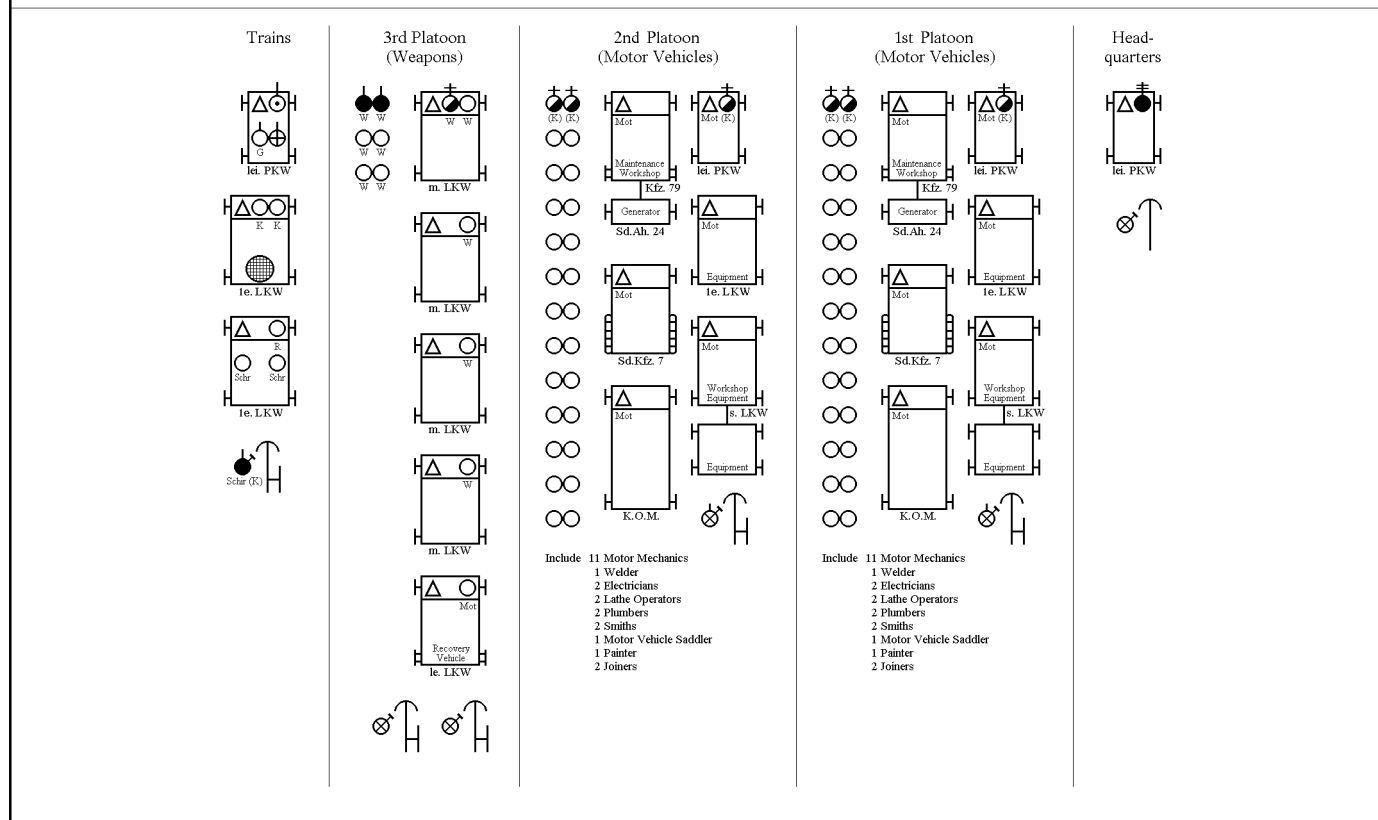
NACHSCHUBKOMPANIE (mot)
Motorized Supply Company

KStN 1255 – 1.10.1937



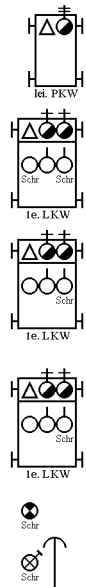
WERKSTATTKOMPANIE (mot)
Motorized Workshop Company

KStN 1052 – 1.10.1937



VERPFELEGUNGSAMT
Commissary Office

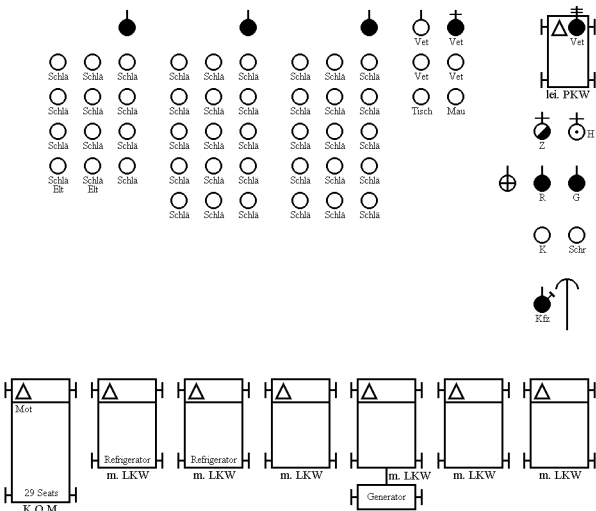
KSIN 2086 – 1.10.1937



Workers are drawn from the Supply Company.

SCHLACHTERIEZUG (mot)
Motorized Butcher Platoon

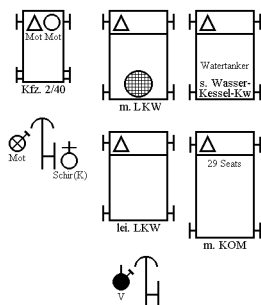
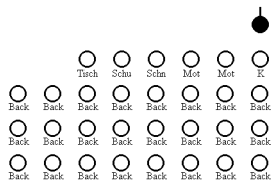
KSIN 1282 *) – 1.10.1938



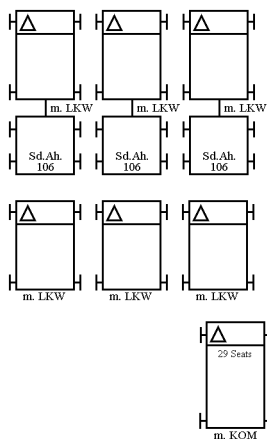
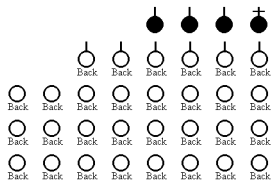
BÄKEREIKOMPANIE e (mot) **Motorized Baker Company Type e**

KStN 1277 *) – 1.10.1937

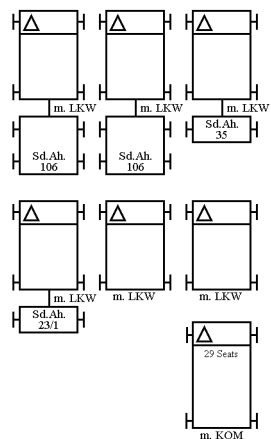
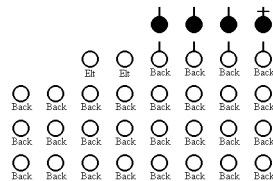
Company Trains



2nd Platoon



1st Platoon

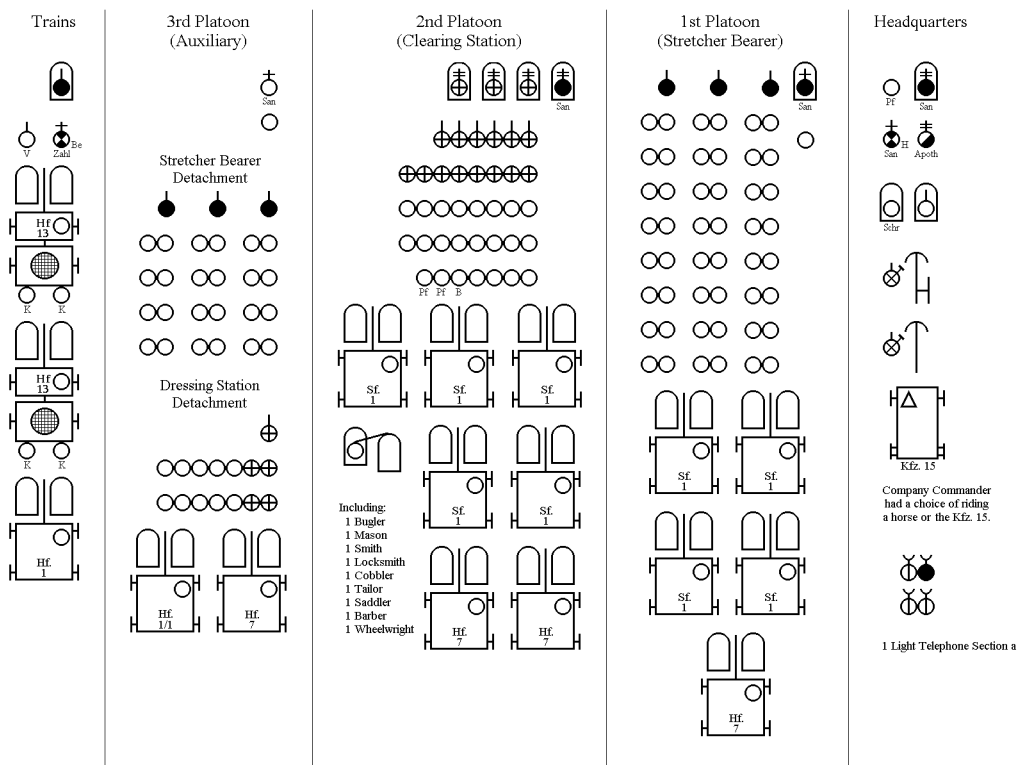


Headquarters



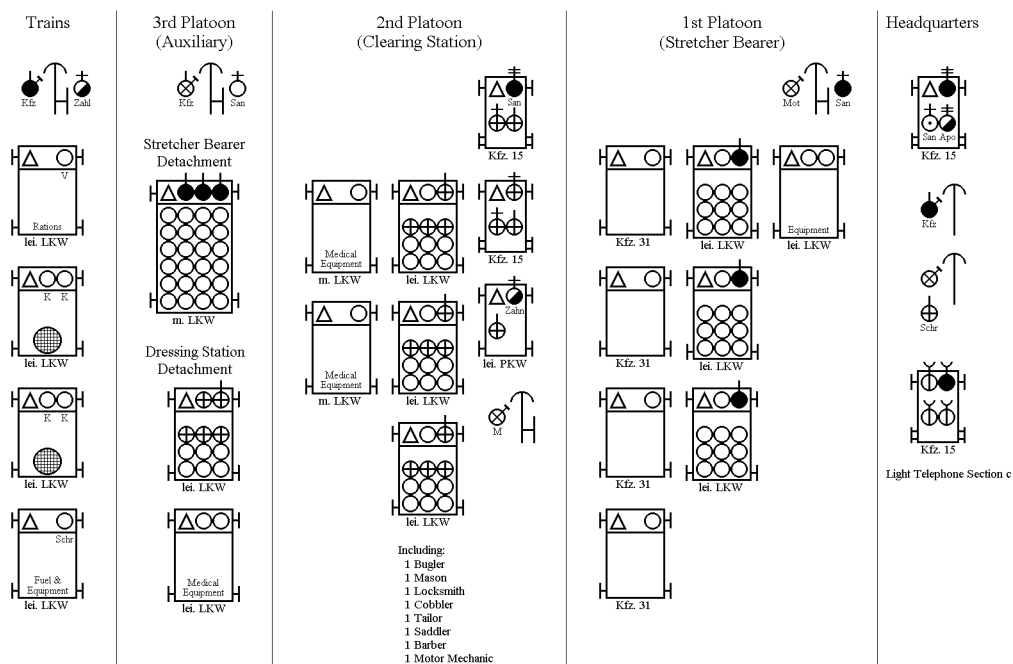
SANITÄTSKOMPANIE b Medical Company Type b

KSIN 1309 – 1.03.1939

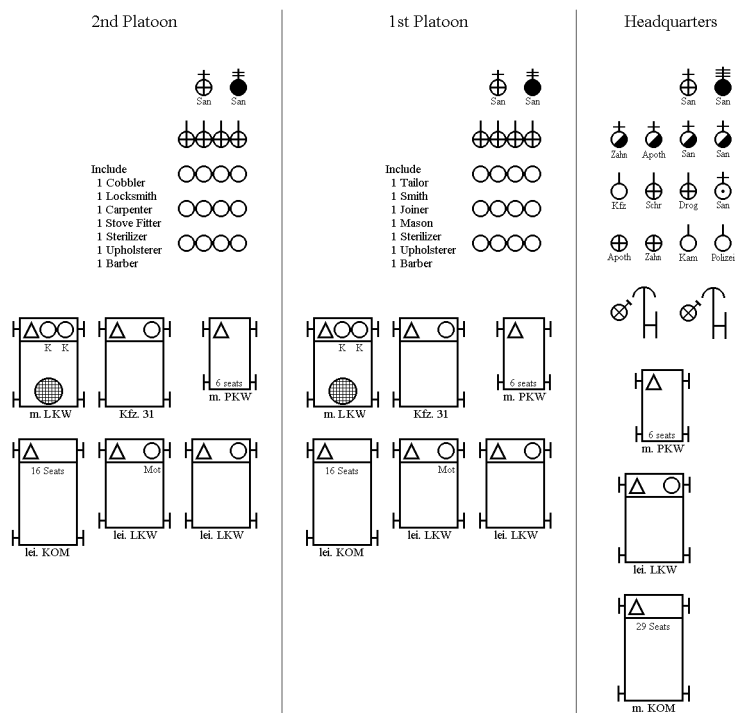


SANITÄTSKOMPANIE b (mot) Motorized Medical Company Type b

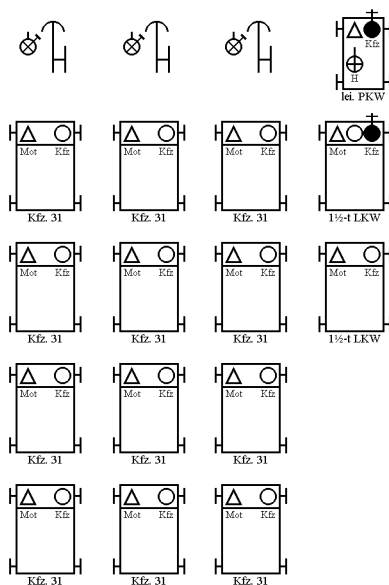
KSIN 1314 – 1.03.1939



KStN 1342 – 1.10.1937

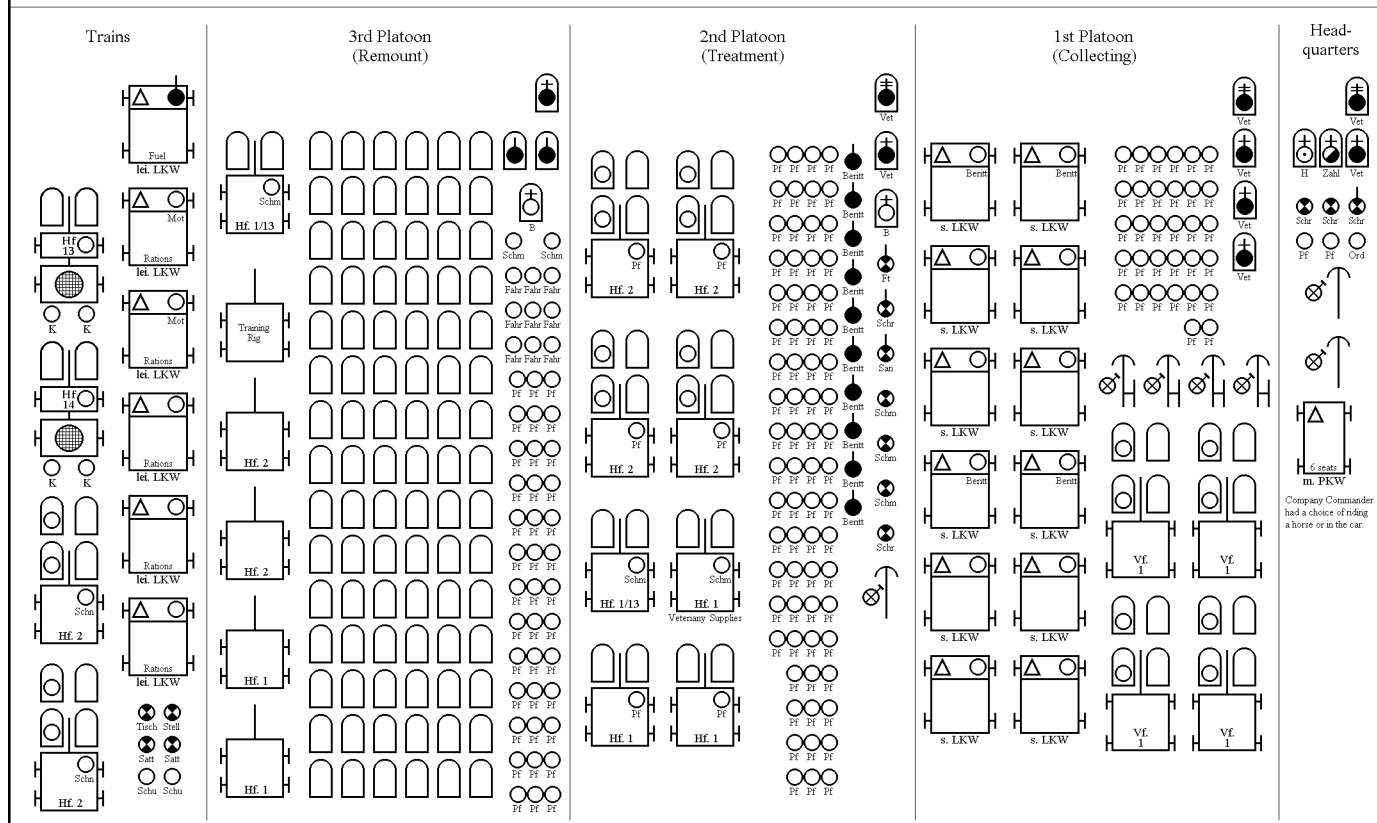


KStN 1365 *) – 1.10.1937



VETERINÄRKOMPANIE
Veterinary Company

KStN 1415 *) – 1.10.1937



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RHD 4/272 “Taktische Zeichen des Heeres, mit Anhang: Zeichen der Luftwaffe”
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RHD 18/22 “Besondere Anlage 1 zum Mob. Plan (Heer) – 1939/1940”
= Übersicht der Einheiten des Kriegsheeres =
RHD 18/24 “Besondere Anlage 2A zum Mob. Plan (Heer) – 1939/1940”
= Kriegsgliederungen 01.03.1939 – 31.03.1940 =

RHD 18/25

RHD 18/25a

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H.Dv. 220/9

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= Kriegsgliederungen 01.03.1939 – 31.03.1940, einschl. 5. Berichtigung =
“Besondere Anlage 2A zum Mob. Plan (Heer) – 1939/1940”
= Kriegsgliederungen 01.03.1939 – 31.03.1940, einschl. 7. Berichtigung
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= Soll an Kopffzahl, Tiere, Fahrzeuge, Kraftfahrzeuge =
“Besondere Anlage 2A zum Mob. Plan (Heer) – 1939/1940”
= Soll an Waffen =
“Besondere Anlage 2A zum Mob. Plan (Heer) – 1939/1940”
= Soll an Munition =
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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 “(*o.*)” 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 2/1 2/2 2/40	le Nachrichten-Kw le Fernsprech-Kw le Funk-Kw le Instandsetzungs-Kw	light cc signals carrier light cc telephone carrier light cc radio carrier light cc maintenance section carrier (all 2 seaters with equipment storage in the back)	le. Einheits-PKW BMW 309, 319, 3/15, 4/20 Hanomag - all models 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 12	m gl PKW m gl PKW mit Zughaken	medium cc personnel carrier medium cc personnel carrier with towing hook (for 37mm ATG, 75mm IG, ammo trailers)	m. Einheits-PKW Adler 12N, 3-Gd Daimler-Benz 200, 260, 290, 320 Phänomen Granit 25 Wanderer W-11, W-23S
13 14	m gl gp PKW (MG) m gl gp PKW (Funk)	early armored medium cc car (with one MG) early armored medium cc radio car (no armament)	Adler Standard 6
15 15 15/1 15/1 15/2 15/4 15/5 15/6 15/7 17 16 16 16/1	m gl PKW m gl PKW mit Gerätkasten m gl Nachrichten-Kw m gl Fernsprech-Kw m gl Funk-Kw m gl Funk-Kw m gl Funk-Kw m gl Funk-Kw m gl Funk-Kw m gl Fernschreibe-Kw m gl Meßstelle-Kw m gl Meßtrupp-Kw m gl Vorwarner-Kw	medium cc personnel carrier medium cc carrier with equipment boxes medium cc signals carriers medium cc telephone carrier medium cc radio carrier medium cc radio carrier medium cc radio carrier medium cc radio carrier medium cc radio carrier medium cc telex carrier medium cc calibration station carrier medium cc calibration section carrier medium cc advanced warning section carrier	m. Einheits-PKW Auto Union / Horch 830-R Daimler-Benz 340-WK, L1500A Horch 830-R, 830-BL Steyr 250 Stoewer M-12-RW
17 17 17 17/1 17/2 17/3	kl Verstärker-Kw kl Kabelmess-Kw kl Fernsprechbetriebs-Kw kl Funktrupp-Kw kl Fernsprechtrupp-Kw kl Funk-Kw	small cc amplifier van small cc wire calibration van small cc telephone operations van small cc radio section van small cc telephone section van small cc radio van	m. Einheits-PKW Auto Union / Horch 830-R
18 18	s gl PKW Gefechts-Kw (mit Gerät-kasten & Zughaken)	heavy cc personnel carrier heavy cc carrier (combat) (with equipment boxes and towing hook)	m. Einheits-PKW s. Einheits-PKW Daimler-Benz 200, L1500A Wanderer W 11, W 14
19	Fernsprechbetriebs-Kw Fernsprech-Kw Funk-Kw	cc telephone exchange van cc telephone van cc radio van	Krupp L2H-43, Krupp L2H-143
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 24	Fernsprech-Kw Verstärker-Kw	cc telephone equipment van cc amplifier equipment van	s. Einheits-PKW
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 43 44 51	Sammler-Kw Sammlerwerkstatt-Kw Nachrichtenwerkstatt-Kw Werkstatt-Kw Flakauswert-Kw Sauer- und Stickstoff-Erzeugungs-Kw Werkstatt-Kw	generator / accumulator / battery van generator repair van signals repair van workshop van anti-aircraft evaluation van Oxygen and Nitrogen generation van workshop van	Krupp L3-M42 m. LKW (o.) m. LKW (o.) s. LKW (o.)

NOTES:

The early armored cars (*Kraftfahrzeug 13* and *14*) were obviously not soft-skinned vehicles. It is not clear why they were included within this listing and not in the special military motor vehicle (*Sonderkraftfahrzeug*) listing.

GERMAN NUMBERED MOTORIZED SOFT-SKINNED VEHICLES

Kfz.	German Nomenclature	Description	Makes & Models
61	gr Nachrichten-Kw gr Schlüssel-Kw gr Funk-Kw gr Funkbetriebs-Kw gr Fernsprechbetriebs-Kw gr Fernschreib-Kw gr Verstärker-Kw gr Peil-Kw gr Meßtrupp-Kw	large cc signal van large cc code van large cc radio van large cc radio operations van large cc telephone operations van large cc telex van large cc amplifier van large cc sound-ranging equipment van large cc calibration section van	Einheits-Diesel Daimler-Benz G-3a, LG 3000 Büssing-NAG G-31, G500A, G500S, 4500S, 4500A Magirus M-206, M-30, S3000, A3000 Borgward G.W., B3000S, B3000A
61/1	gr Funk-Kw	large cc radio van	
62	gr Nachrichten-Kw gr Fernsprechbetriebs-Kw gr Funk-Kw gr Wetter-Kw gr Druckerei-Kw gr Schall-Aufnahme-Kw gr Schall-Auswertungs-Kw gr Vermessung-Auswertungs-Kw gr Licht-Auswertungs-Kw gr Stabs-Auswertungs-Kw	large cc signals van large cc telephone operations van large cc radio van large cc weather van large cc printing van large cc sound recording van large cc sound evaluation van large cc calibration evaluation van large cc flash evaluation van large cc evaluation command van	
63	gr Nachrichten-Kw gr Meß-Stellen- und Gerät-Kw gr Vermessungs-Gerät-Kw gr Lichtmeß-Stellen-Kw gr Lichtmeß-Gerät-Kw gr Schallmeß-Stellen-Kw gr Schallmeß-Gerät-Kw gr Vorwarner-Kw gr Vermessungsgerät-Kw	large cc signals van large cc calibration station and equipment van large cc calibration equipment van large cc flash ranging station van large cc flash ranging equipment van large cc sound ranging station van large cc sound ranging equipment van large cc advanced warning equipment van large cc calibration equipment van	
64			
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 antiaircraft carrier heavy cc antiaircraft 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 antiaircraft 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 antiaircraft 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 canvass top.
“cc”	indicates a vehicle with cross-country capability.

A	Allrad: all-wheel-drive version. (Makers identification).
S	Steuerermässigt: (taxed reduced) qualified for 33% motor vehicle tax reduction, introduced as incentive to increase demand for off-road capable trucks.
(o.)	(ohne) handelsüblich : commercial vehicle.
Kfz.	Kraftfahrzeug: commercially available chassis and drive train with military body.
Sd.Kfz.	Sonder Kraftfahrzeug: specially military body and chassis.
le. / lei.	leicht: light
m.	mittler: medium
s.	schwer: heavy
LKW	Lastkraftwagen: load (cargo) motor vehicle (truck or van)
PKW	Personenkraftwagen: personnel (passenger) motor vehicle (car)
gl.	geländegängig: cross-country
Kw.	Kraftwagen: motor vehicle
kl.	klein: small/light
gr.	gross: large/heavy
gp.	gepanzert: armored
wg.	wassergängig: amphibious
schw.	schwimmfähig: amphibious (alternate)

GERMAN SPECIAL MILITARY VEHICLES

Sd.Kfz. No.	German Designation « German Abbreviation »	Description Main Armament [Ammunition carried]
2	Kleines Kettenkrad « KK »	0.5-ton light halftrack n/a
2 /1	Kleines Kettenkrad (Feldfernkabel) « KK (FFK) »	0.5-ton halftrack with telephone cable n/a
2 /2	Kleines Kettenkrad (schwere Feldfernkabel) « KK (s. FFK) »	0.5-ton halftrack with heavy telephone cable n/a
3	Gleisketten-Lastkraftwagen 2-ton (Maultier) « 2-ton <i>Maultier</i> »	halftracked 2-ton truck n/a
3 /4	Gleisketten-Lastkraftwagen 2-ton (Maultier) (Krankenwagen) « 2-ton <i>Maultier</i> (KrKw) »	halftracked 2-ton ambulance n/a
3 /5	Gleisketten-Lastkraftwagen 4.5-ton (Maultier) « 4.5-ton <i>Maultier</i> »	halftracked 4.5-ton truck n/a
4	Gleisketten-Lastkraftwagen 3-ton (Maultier) gepanzert (Munitionskraftwagen) « gep. <i>Maultier</i> (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 gepanzerten 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 gepanzerten 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. <i>Luchs</i> »	light, fully tracked recon tank on Pz-II basis 20mm KwK 38 L/55 [330]
123	Panzerspähwagen II (Luchs 5cm) « lei. Pz-Späh. Wg. <i>Luchs</i> »	light, fully tracked recon tank on Pz-II basis 50mm KwK L/60 [33]
124	lei. FH 18/2 Selbstfahrlafette auf Pz-II (Wespe) « <i>Wespe</i> »	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 « <i>Marder II</i> ; [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 « <i>Marder II</i> ; [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) « <i>Marder I</i> »	self-propelled heavy antitank gun on Lorraine basis 75mm s FH Pak 40/1 [?]
135 /1	s. FH 13/1 Selbstfahrlafette auf Lorraine-Schlepper « s.FH (sfl) auf Lorraine »	self-propelled heavy field howitzer on Lorraine basis 150mm s FH 13/1 [8]
–	Panzerkampfwagen 35 (t) « Pz-35(t) »	Czech medium tank (designation changed from LTM 35 on 16.01.40) 37mm A33 L/42 [72]
–	Panzerbefehlswagen 35 (t) « Pz-Bef-Wg 35(t) »	Czech medium command tank 37mm A33 L/42 [?]
–	Mörserwagen 35 (t) « Mörs.Wg. 35(t) »	tracked prime mover for heavy mortar on Czech medium tank basis n/a
–	Zugkraftwagen 35 (t) « Zgkw. 35(t) »	tracked prime mover based on Czech medium tank n/a
–	Panzerkampfwagen 38(t), Ausführung A – G « Pz-38(t) »	Czech medium tank (designation changed from LTM 38 on 16.01.40) 37mm A7 L/42 [90]
–	Panzerbefehlswagen 38(t) « Pz-Bef-Wg 38(t) »	Czech medium command tank 37mm A7 L/42 [?]
138	Panzerjäger 38(t), Ausf. H für 7,5cm Pak « <i>Marder III</i> »	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 « <i>Marder III</i> »	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) Grille»	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 [Ostwind] »	anti-aircraft tank 37mm Flak 43 L/98 [400]
161 /4	Flakpanzer-IV « Flak-Pz 2cm- Vierling [Wirbelwind] »	anti-aircraft tank 20mm quad Flak 38 [1000]
–	Panzer-Flak Sfl IV « Pz-Flak IV [Möbelwagen] »	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) « <i>Hornisse</i> ; [as of 1944: <i>Nashorn</i>] »	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) « <i>Hummel</i> »	self-propelled heavy field howitzer on mixed Pz-III/IV basis 150mm sFH 18/1 [18]
–	Munitionsfahrzeug für 15cm s. IG selbstfahrlafette « Muni. Fahrzeug für 15cm s.IG Sfl »	armored ammunition carrier for Hummel on same chassis [transports 60 heavy field howitzer rounds]
165 /1	leichte Feldhaubitze (Sfl)/Geschützwagen IVb « leFH (sfl) »	self-propelled light field howitzer on Pz-IV basis 105mm leFH 18/1 [60]
166	s. IG auf Panzerkampfwagen-IV Fahrgestell (Sturmpanzer) « Stu-Pz IV [aka <i>Brummbär</i>] »	armored, self-propelled heavy infantry gun on Pz-IV chassis 150mm StuH 43 L/12 [38]
–	10,5cm Kanone 18 auf Panzer-Selbstfahrlafette IVa « 10,5cm K18 auf Pz-Sfl IVa »	self-propelled gun on Pz-IV chassis 105mm StuK 18/1 L/52 [25]
171	Panzerkampfwagen V (Panther), Ausführung D, A « <i>Panther</i> »	medium tank, Models D and A 75mm KwK 42 L/70 [79]
171	Panzerkampfwagen V (Panther), Ausführung G « <i>Panther</i> »	medium tank, Models G 75mm KwK 42 L/70 [82]
173	Jagdpanzer V « <i>Jagdpanther</i> »	tank destroyer on <i>Panther</i> basis 88mm Pak 43/3 L/71 [57]
179	Bergepanther « Berge-Pz-V »	armored recovery vehicle on <i>Panther</i> basis 20mm KwK 38 [?]
181	Panzerkampfwagen VI (Tiger I), Ausführung E « <i>Tiger I</i> »	heavy tank, Model E 88mm KwK 36 L/56 [92]
–	Panzer-Mörser 38cm auf VI (Tiger) « <i>Sturmtiger</i> »	self-propelled heavy rocket launcher on Pz-VI(I) chassis 380mm rocket launcher [12]
182	Panzerkampfwagen VI (Tiger II), Ausführung B « <i>Tiger II</i> [aka <i>Königstiger</i>] »	heavy tank 88mm KwK 43 L/71 [72–84]
184	Panzerjäger Tiger (P) für 8,8cm Pak 43 (Ferdinand) « <i>Ferdinand</i> ; [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 « <i>Jagdtiger</i> »	heavy tank destroyer 128mm Pak 44 L/55 [40]
221	leichter Panzerspähwagen (MG) « lei. Pz-Späh. Wg. (MG) »	light armored car (4x4) MG [1020]
221	leichter Panzerspähwagen (schwere Panzerbüchse 41) « le. Pz-Späh. Wg. (sPzBü 41) »	light armored car (4x4) 28mm sPzBü 41 [180]
222	leichter Panzerspähwagen (2cm) « le. Pz-Späh. Wg. (2cm) »	light armored car (4x4) 20mm KwK 38 L/55 [180]
223	leichter Panzerspähwagen (Funk) « le. Pz-Späh. Wg. (Fu) »	light armored radio car (4x4) MG [1050]
231	schwerer Panzerspähwagen (2cm)(6-Rad) « s. Pz-Späh. Wg. (2cm) »	heavy armored car (6x4) 20mm KwK 30 L/55 [200]
232	schwerer Panzerspähwagen (Funk)(6-Rad) « s. Pz-Späh. Wg. (Fu) »	heavy armored radio car (6x4) 20mm KwK 30 L/55 [200]
231	schwerer Panzerspähwagen (2cm)(8-Rad) « s. Pz-Späh. Wg. (2cm) 8-Rad »	heavy armored car (8x8) 20mm KwK 30 L/55 [180]
232	schwerer Panzerspähwagen (Funk)(8-Rad) « s. Pz-Späh. Wg. (Fu) 8-Rad »	heavy armored radio car (8x8) 20mm KwK 30 L/55 [180]
233	schwerer Panzerspähwagen (7,5cm)(8-Rad) « s. Pz-Späh. Wg. (7,5cm) 8-Rad »	heavy armored radio car (8x8) 75mm StuK 37 L/24 [32]
234 /1	schwerer Panzerspähwagen (2cm) « Pz-Späh. Wg. (2cm) »	heavy armored car (8x8) 20mm KwK 30 L/55 [250]
234 /2	schwerer Panzerspähwagen (5cm) « Pz-Späh. Wg. (2cm) [aka <i>Puma</i>] »	heavy armored car (8x8) 50mm KwK 39/1 L/60 [55]
234 /3	schwerer Panzerspähwagen (7,5cm) « Pz-Späh. Wg. (7,5cm) »	heavy armored car (8x8) 75mm K-51 L/24 [50]
234 /4	schwerer Panzerspähwagen (7,5cm Pak) « Pz-Späh. Wg. (7,5cm Pak) »	heavy armored car (8x8) 75mm Pak 40 [12]
247	schwerer geländegängiger gepanzerter Personenkraftwagen (4-Rad) « s. gl. gep. PKW »	heavy armored staff car (4x4) n/a
247	schwerer geländegängiger gepanzerter Personenkraftwagen (6-Rad) « s. gl. gep. PKW »	heavy armored staff car (6x4) n/a

GERMAN SPECIAL MILITARY VEHICLES

Sd.Kfz. No.	German Designation « German Abbreviation »	Description Main Armament [Ammunition carried]
250 /1	leichter Schützenpanzerwagen « le. SPW »	light armored halftrack, personnel carrier MG [2010]
250 /1	leichter Schützenpanzerwagen « le. SPW »	light armored halftrack, heavy machine gun section carrier MG [2010]
250 /2	leichter Fernsprechanpanzerwagen « 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-Pzwwg. »	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 antiaircraft gun 20mm Flak 38 [600]
251 /18	mittlerer Beobachtungs-Panzerwagen « m. Beob-Pzwwg. »	medium armored halftrack, observation vehicle MG [1100]
251 /19	mittlerer Fernsprech.Betriebs-Panzerwagen « m. Fs.Betr.-Pzwwg. »	medium armored halftrack, telephone operations vehicle MG [1100]
251 /20(I)	mittlerer Panzerwagen (Uhu) « m. Pzwwg. (Uhu) »	medium armored halftrack, infrared projector vehicle MG [1100]
251 /20(II)	mittlerer Panzerwagen (Falke) « m. Pzwwg. (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 antiaircraft 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 antiaircraft gun 20mm triple MG 151/20 [3000]
251 /22	mittlerer Panzerwagen (7,5cm Pak) « m. SPW (7,5cm Pak) »	medium armored halftrack, self-propelled antitank gun 75mm Pak 40 L/48 [22]
251 /23	mittlerer Panzerwagen (2cm Flak) « m. SPW (2cm Flak) »	medium armored halftrack, self-propelled light antiaircraft 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 « <i>Goliath</i> »	tracked, remote-controlled demolition vehicle, Model A (electric) n/a
303	Leichte Ladungsträger Goliath, Auf. B « <i>Goliath</i> »	tracked, remote-controlled demolition vehicle, Model B (gasoline) n/a
304	mittlere Ladungsträger « <i>Springer</i> »	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 Kettenkrad	trailer (1 axle) for Kettenkrad
Sd.Anh. 1/1	(1 Achsig) für kleines Kettenkrad	trailer (1 axle) for Kettenkrad
Sd.Anh. 1/2	(1 Achsig) für kleines Kettenkrad für schweres Feldkabel	trailer (1 axle) for Kettenkrad, with heavy telephone field cable.
Sd.Anh. 3	(1 Achsig) für leichte Lasten	trailer (1 axle) for transporting light artillery guns (7,5cm leFK 16 and 10,5cm leFH 16)
Sd.Anh. 4	(1 Achsig) für mittlere und schwere Lasten	trailer (1 axle) for transporting medium and heavy artillery guns (15cm sFH 13)
Sd.Anh. 5	(1 Achsig) für Artilleriemunition	trailer (1 axle) for artillery ammunition
Sd.Anh. 7	(1 Achsig) für Munition (Nbl. Wfr.)	trailer (1 axle) for Nebelwerfer ammunition
Sd.Anh. 8	(1 Achsig) für Veterinärgerät	trailer (1 axle) for veterinary equipment
Sd.Anh. 11	(1 Achsig) für Entseuchung mit Brausevorrichtung	trailer (1 axle) for decontamination with showers
Sd.Anh. 13	(1 Achsig) für M-Boot (100 PS MB 41)	trailer (1 axle) for motorboat (100 HP Type MB 41)
Sd.Anh. 14	(1 Achsig) für Abschleppzwecke	trailer (1 axle) for motor vehicle towing and recovery
Sd.Anh. 15	(1 Achsig) für Fährseil	trailer (1 axle) for winch
Sd.Anh. 20	(1 Achsig) für Erdkabel	trailer (1 axle) for underground telephone cable
Sd.Anh. 21	(2 Achsig) für Fernsprechbau	trailer (1 axle) for telephone construction
Sd.Anh. 22	(1 Achsig) Azetylen-Erzeugeranhänger	trailer (1 axle) for generator for Acetylene gas
Sd.Anh. 23	(1 Achsig) für Sammlerladegerät D	trailer (1 axle) for Generator Type D for recharging batteries
Sd.Anh. 23/1	(1 Achsig) für Maschinensatz 220/65V; 4,5/1,3 Kw	trailer (1 axle) for Generator 220/65 Volt, 4.5/1.3Kw
Sd.Anh. 24	(1 Achsig) für Maschinensatz I	trailer (1 axle) for Generator Type I
Sd.Anh. 24	(1 Achsig) für Maschinensatz A (Drehstrom 15k VA)	trailer (1 axle) for Generator Type A for 15k AC
Sd.Anh. 25	(1 Achsig) für Feldfernkabel	trailer (1 axle) for heavy telephone field cable
Sd.Anh. 25/1	(1 Achsig) für Maschinensatz F	trailer (1 axle) for Generator Type F
Sd.Anh. 25/2	(1 Achsig) für Nachrichtengerät	trailer (1 axle) for signal equipment
Sd.Anh. 25/3	(1 Achsig) Beleuchtungsanhänger N	trailer (1 axle) for Lighting Equipment Type N
Sd.Anh. 25/4	(1 Achsig) Nachschubanhänger	trailer (1 axle) for supply
Sd.Anh. 25/3	(1 Achsig) Beleuchtungsanhänger N	trailer (1 axle) for lighting equipment
Sd.Anh. 26	(1 Achsig) für Führungsfernkabel	trailer (1 axle) for command telephone heavy cable
Sd.Anh. 28	(1 Achsig) für Peilanhänger (für Peiltrupp (LMW)	trailer (1 axle) for direction finder of a Direction Finding Section
Sd.Anh. 29	(1 Achsig) für für gepanzerten Munitionsschlepper	trailer (1 axle) for ammunition (for armored ammunition carrier)
Sd.Anh. 30	(1 Achsig) Wassertankanhänger	trailer (1 axle) for water tank
Sd.Anh. 31	(1 Achsig) für Munition Type A	trailer (1 axle) for ammunition Type A
Sd.Anh. 31/1	(1 Achsig) für Munition (7,5cm StuK 40)	trailer (1 axle) for ammunition for 7.5cm Assault Gun Model 40
Sd.Anh. 32	(1 Achsig) für Munition (3,7cm Pak)	trailer (1 axle) for ammunition for 3,7cm Antitank Gun
Sd.Anh. 32/1	(1 Achsig) für Munition (7,5cm)	trailer (1 axle) for ammunition for 7.5cm
Sd.Anh. 32/2	(1 Achsig) für Munition (s. Pz Bü 41)	trailer (1 axle) for ammunition for heavy antitank rifle Model 41
Sd.Anh. 32/3	(1 Achsig) für s. Pz Bü 41 auf leichte Feldlafette	trailer (1 axle) for heavy antitank rifle Model 41 on light field carriage
Sd.Anh. 33	(1 Achsig) für Nebelwerfermunition	trailer (1 axle) for ammunition (rocket launcher)
Sd.Anh. 34	(1 Achsig) für Entgiftungsanhänger	trailer (1 axle) for decontamination
Sd.Anh. 35	(1 Achsig) für Teigknetanhänger	trailer (1 axle) for dough mixer
Sd.Anh. 36	(1 Achsig) für leichten Ladungsschlepper	trailer (1 axle) for remote control vehicle (Goliath)
Sd.Anh. 40	(1 Achsig) Panzerbergeanker als Anhänger	trailer (1 axle) for tank recovery anchor
Sd.Anh. 46	(1 Achsig) schmalspurig	trailer (1 axle) with narrow wheel spacing
Sd.Anh. 51	(1 Achsig) Beleuchtungsanhänger (Vermessungstrupp (mot))	trailer (1 axle) for electricity generator in enclosed body for Calibration Detachment
Sd.Anh. 51	(1 Achsig) für 2cm Geschütz 30 mit Munition- und Zubehörkasten	trailer (1 axle) for 2cm antiaircraft gun Model 30 with ammo and equipment boxes
Sd.Anh. 51	(1 Achsig) für Scheinwerfer 60cm mit Zubehörkasten	trailer (1 axle) for 60cm antiaircraft searchlight with equipment boxes
Sd.Anh. 51	(1 Achsig) für 2cm Flak 38 mit Munition- und Zubehörkasten	trailer (1 axle) for 20mm antiaircraft gun Model 38 with ammo and equipment boxes
Sd.Anh. 52	(1 Achsig) für 2cm Flak Vierling 38/1 mit Munition- und Zubehörkasten ..	trailer (1 axle) for 2cm quad antiaircraft gun Model 38/1 with ammo and equipment boxes
Sd.Anh. 52	(1 Achsig) für 3,7cm Flak 36/37 mit Munition- und Zubehörkasten	trailer (1 axle) for 3.7cm antiaircraft gun Model 36/37 with ammo and equipment boxes
Sd.Anh. 52	(1 Achsig) für Kommando-Gerät 40	trailer (1 axle) for antiaircraft fire direction computer Model 40
Sd.Anh. 53	(1 Achsig) für Kommando-Hilfsgerät 35	trailer (1 axle) for antiaircraft auxiliary fire direction computer Model 35
Sd.Anh. 54	(1 Achsig) für Kinotheodolit für Flakmess-Auswerte-Zug	trailer (1 axle) for antiaircraft optical tracking computer for Calibration Evaluation Platoon
Sd.Anh. 55	(1 Achsig) für V"-Messgerät Flak	trailer (1 axle) for antiaircraft muzzle velocity calibration equipment
Sd.Anh. 56	(1 Achsig) für 2cm Flak mit Munition- und Zubehörkasten	trailer (1 axle) for 2cm quad antiaircraft gun with ammo and equipment boxes
Sd.Anh. 56	(1 Achsig) für 2cm Flakvierling 38/1 mit Munition- und Zubehörkasten	trailer (1 axle) for 2cm quad antiaircraft gun Model 38/1 with ammo and equipment boxes
Sd.Anh. 57	(1 Achsig) für 3,7cm Flak mit Munition- und Zubehörkasten	trailer (1 axle) for 3.7cm antiaircraft gun with ammo and equipment boxes
Sd.Anh. 58	(1 Achsig) für 3,7cm Flak 43 mit Munition- und Zubehörkasten	trailer (1 axle) for 3.7cm antiaircraft gun Model 43 with ammo and equipment boxes
Sd.Anh. 58	(1 Achsig) für 3,7cm Flak 43/1 mit Munition- und Zubehörkasten	trailer (1 axle) for 3.7cm antiaircraft gun Model 43/1 with ammo and equipment boxes
Sd.Anh. 101	(2 Achsig) für Flakhorchgerät	trailer (2 axle) for antiaircraft sound tracking equipment
Sd.Anh. 101	(2 Achsig) für mittleren Flak-Maschinensatz	trailer (2 axle) for antiaircraft generator for sound tracking equipment
Sd.Anh. 102	(2 Achsig) für Flak-Scheinwerfer 110cm	trailer (2 axle) for antiaircraft searchlight (110cm)
Sd.Anh. 102	(2 Achsig) für Flak-Maschinensatz	trailer (2 axle) for antiaircraft generator for searchlight (110cm)
Sd.Anh. 103	(2 Achsig) für mittlere und schwere Lasten	trailer (2 axle) for medium and heavy cargo
Sd.Anh. 104	(2 Achsig) für 150cm Flak-Scheinwerfer	trailer (2 axle) for 150cm antiaircraft searchlight
Sd.Anh. 104	(2 Achsig) für Maschinensatz 24 Kw für 150cm Flak-Scheinwerfer	trailer (2 axle) for generator Model 24Kw for 150cm antiaircraft searchlight
Sd.Anh. 104	(2 Achsig) für Sperrballonwinde	trailer (2 axle) for winch for antiaircraft barrage 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 Richtring-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)

GERMAN SPECIAL MILITARY TRAILERS AND MILITARY TRAILERS

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	Tiefladeanhänger für PzKfpWg 10–12 ton	trailer (2 axle) low boy (also: low bed) for armored vehicles (10 – 12 ton)
Sd.Anh.	116	Tiefladeanhänger 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	Tiefladeanhänger 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 (G1 1500)	trailer for 1500cm landing searchlight Model G1 1500
Sd.Anh.	322/3	für Landescheinwerfer (HgLL 1500)	trailer for 1500cm landing searchlight Model Hg LL 150
Sd.Anh.	350	für B2 (3-ton) (o) mit geschlossenem Aufbau	trailer B2 with enclosed body (civilian type)(3-ton)
Sd.Anh.	350/7	Fernsprechvermittlungs-Anhänger	telephone exchange trailer
Sd.Anh.	350/32	Leuchtfeueranhänger	generator trailer for airfield beacons
Sd.Anh.	350/33	Leuchtfeueranhänger	generator trailer for airfield beacons
Sd.Anh.	350/32	Prüf- und Wartungs-Anhänger für Bordfunk- und Peilgerät	trailer for maintenance and testing of aircraft radio and radar equipment
Sd.Anh.	350/43	Prüf- und Wartungs-Anhänger für Bordfunk- und Peilgerät	trailer for maintenance and testing of aircraft radio and radar equipment
Sd.Anh.	350/?	Anhänger B2 für Ladestation FR	trailer B2 with enclosed body (civilian type)(3-ton) for battery charger for V2 rocket units
Sd.Anh.	363	für B3 (4,5-ton) (o) mit geschlossenem Aufbau	trailer B3 with enclosed body (civilian type)(4.5-ton)
Sd.Anh.	363/1	für B3 (4,5-ton) (o) für Bildbearbeitung	trailer B3 with enclosed body (civilian type)(4.5-ton) for photograph production Type I
Sd.Anh.	363/2	für B3 (4,5-ton) (o) für Bildbearbeitung	trailer B3 with enclosed body (civilian type)(4.5-ton) for photograph production Type II
Sd.Anh.	401	(1 Achsig) Feldküche als Anhänger	trailer (1 axle) mobile field kitchen (“Gulaschkanone”)
Sd.Anh.	422	(1 Achsig) Navigations-Funkpeilanhänger	trailer (1 axle) for direction finding equipment for navigation
Sd.Anh.	447	(2 Achsig) Navigations-Funkpeilanhänger	trailer (2 axle) for direction finding equipment for navigation
Sd.Anh.	450	(2 Achsig) Tragflächen 6 Meter	trailer (2 axle) for transporting wings (6 meters)
Sd.Anh.	451	(2 Achsig) Tragflächen 10 Meter	trailer (2 axle) for transporting wings (10 meters)
Sd.Anh.	450	(2 Achsig) Tragflächen 6 Meter	trailer (2 axle) for wings (6 meters)
Sd.Anh.	454	(2 Achsig) Flugbetriebsstoffkessel-Anhänger	trailer (2 axle) bowser for aircraft fuel
Sd.Anh.	458	(2 Achsig) Waffenabwurfgerät-Anhänger	trailer (2 axle) for bomb transport
Sd.Anh.	459	(2 Achsig) Waffenabwurfgerät-Anhänger	trailer (2 axle) for bomb transport
Sd.Anh.	469	(2 Achsig) Fernschreib-Anschlussanhänger	trailer (2 axle) with enclosed body for telephone switchboard
Sd.Anh.	470	(2 Achsig) Funkanhänger (Kurz- /Langwelle)	trailer (2 axle) with enclosed body for short and medium wave radio station
Sd.Anh.	471	(2 Achsig) Betriebs-Funkempfängeranhänger	trailer (2 axle) with enclosed body for radio receiver operation station
Sd.Anh.	472	(2 Achsig) leichter Leuchtfeueranhänger	trailer (2 axle) with enclosed body light generator for airfield beacons
Sd.Anh.	473	(2 Achsig) mittlerer Leuchtfeueranhänger	trailer (2 axle) with enclosed body medium generator for airfield beacons
Vsah. = Versuchsanhänger		Experimental Trailers	
Vsah.	642	Tiefladeanhänger für Panzerkampfwagen	medium tank transport trailer
Vsah.	654	Tiefladeanhänger für Panzerkampfwagen	light tank transport trailer
Anhänger		Trailers without numbers	
(1 Achsig) Anhänger-Fahrgestell 900 kg		trailer (1 axle) chassis (900 kilos)	
(1 Achsig) Anhänger-Fahrgestell 1500 kg Baumuster 41		trailer (1 axle) chassis Model 41 (1500 kilos)	
(1 Achsig) Anhänger-Fahrgestell 1900 kg		trailer (1 axle) chassis (1900 kilos)	
(1 Achsig) Anhänger-Fahrgestell gl. 500 kg		trailer (1 axle) chassis cross-country capable (500 kilos)	
(1 Achsig) Anhänger-Fahrgestell gl. 900 kg		trailer (1 axle) chassis cross-country capable (900 kilos)	
(1 Achsig) Anhänger-Fahrgestell gl. 1500 kg		trailer (1 axle) chassis cross-country capable (1500 kilos)	
(1 Achsig) Anhänger-Fahrgestell gl. 2200 kg		trailer (1 axle) chassis cross-country capable (2200 kilos)	
(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)	

GERMAN SPECIAL MILITARY TRAILERS AND MILITARY TRAILERS

(1 Achsig) Anhänger für Räudegaszellen	trailer (1 axle) for gas bottles (gas used against mange)
(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 Pferdela zarett	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 Drucklufterzeuger 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) Festungskabellötkarren	cart (1 axle) for Fortress Signal Troops, with soldering and other equipment
(1 Achsig) Festungskabelmesskarren	cart (1 axle) for Fortress Signal Troops, with calibration and other equipment
(1 Achsig) schweren Grabenpflug (Entgiftungspflug) als Anhänger	trailer (1 axle) heavy plow, originally for decontamination, but also used for entrenching
(1 Achsig) Handkarren für leichten Ladungswerfer der Pioniere	hand cart (1 axle) for light spigot mortar of the engineers
(1 Achsig) kleiner Kabeltrommel-Anhänger für Fernraketen-Einheit	trailer (1 axle) for light cable drums for V2 rocket units
(1 Achsig) Leitstrahl-Antennen-Anhänger für FR-Einheit	trailer (1 axle) for guiding beam antenna for V2 rocket units
(1 Achsig) Leitstrahl-Kontroll-Anhänger für FR-Einheit	trailer (1 axle) for guiding beam instrumentation for V2 rocket units
(1 Achsig) Lichtbogen-Schweissschweißmaschinensatz 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 KvA 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 (<i>T-Stoff</i> = 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 KvA	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 balloon 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 Flusssigsauerstoff 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 (Käsebohrer Type P4 1939)	trailer (2 axle) for motor bus (bus Model P4 1939)(made by Käsebohrer)
(2 Achsig) Rohrwagen 40 für 12,8cm Flak 40	trailer (2 axle) for 12,8cm antiaircraft gun barrel
(2 Achsig) Sägevollgater auf Anhänger	trailer (2 axle) for mobile buzzsaw
(2 Achsig) Scheinwerfer-Transportwagen für Scheinwerfer G150 (alter Art)	trailer (2 axle) for 150cm searchlight Model G150 (old type)
(2 Achsig) Scheinwerfer-Transportwagen für Scheinwerfer G110	trailer (2 axle) for 110cm searchlight Model G110
(2 Achsig) Strabo-Kran 16t als Anhänger	trailer (2 axle) for 16 ton collapsible crane (made by Strabo)
(2 Achsig) Tragflächen-Transportanhänger a & b (Bauart 39)	trailer (2 axle) for transport of aircraft wings Type a and b, Model 39
(2 Achsig) V2 Transport-Anhänger Vidal	trailer (2 axle) for transporting a V2 rocket (made by Vidal)
(2 Achsig) Wasserstoffverdichter-Anhänger 41+42	trailer (2 axle) for Hydrogen compression Model 41+42
(2 Achsig) Wasserstoffentwickler-Anhänger 40+41	trailer (2 axle) for Hydrogen developing Model 40+41
(3 Achsig) Anhänger 8 t für 800 PS Motorboot 43	trailer (3 axle) (8 ton) for motor boat Model 53 (800 HP)
(3 Achsig) Anhänger offen (o) mit Nutzlast 11.000 kg	trailer (3 axle) cargo, civilian type, open (11 ton)
(3 Achsig) Anhänger mit 30-t Kran	trailer (3 axle) for 30-ton collapsible crane
(3 Achsig) Anhänger schwimmfähig mit Nutzlast von 10 t	trailer (3 axle) amphibious (10 ton)
(3 Achsig) Anhänger schwimmfähig mit Nutzlast von 20 t	trailer (3 axle) amphibious (20 ton)
(3 Achsig) Anhänger für die Fernrakete A4 (V2) Fabrikat Meiller	trailer (3 axle) for transporting a V2 rocket (made by Meiller)
(4 Achsig) Anhänger für schwere Lasten Culemeyer	trailer (4 axle) for heavy cargo (made by Culemeyer)
(6 Achsig) Anhänger für schwere Lasten Culemeyer bis 60 t	trailer (6 axle) for heavy cargo (60 ton) (made by Culemeyer)
(6 Achsig) Anhänger für schwere Lasten Gothaer Waggonfabrik bis 60 t	trailer (6 axle) for heavy cargo (60 ton) (made by Gothaer Waggonfabrik)
(Mehrachsig) Anhänger für schwere Lasten bis 110 t	trailer (multi-axle) for heavy cargo (110 ton)
(Mehrachsig) Anhänger für schwere Lasten bis 150 t	trailer (multi-axle) for heavy cargo (150 ton)
(Mehrachsig) Anhänger mit geschlossenem Aufbau für Zinkdruckrotationspresse	trailers (multi-axle) with enclosed body for zincograph rotating printing press

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	= Artilleriefahrzeuge	.....	Artillerie Vehicles
Af 3	Munitionswagen 96 n.A.	.....	ammunition limber Type 96 n.A.
Af ?	Munitionshinterwagen 96 n.A.	.....	ammunition rear limber Type 96 n.A.
Af 4	Feldhaubitzen-Munitionswagen	.....	field howitzer ammunition wagon 98
Af 5	schwerer Munitionswagen 02	.....	heavy ammunition wagon 02
Af 7	Rohrwagen für 10cm K17	.....	barrel wagon – 10cm Gun (K17)
Af 8	Rohrwagen für 15cm K16	.....	barrel wagon – 15cm Gun (K16)
Af 12	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	.....	limber for light field howitzer 98E
Af ?	leichte Feldhaubitze	.....	limber for light field howitzer 18
Af ?	leichte Feldhaubitze	.....	limber for light field howitzer 18/40
Af ?	schwerer Feldhaubitzen-Munitionswagen	.....	heavy field howitzer ammunition wagon

EF	= Ersatzfeldwagen	.....	Replacement Field Wagon
EF40	Wirtschaftswagen	.....	supply wagon

Hf	= Heeresfahrzeug	.....	Army Vehicles
Hf 1	leichter Feldwagen (gefedert)	.....	light field wagon (sprung)
used as	Verpflegungswagen	.....	rations wagon
	Sanitätsträgerwagen	.....	stretcher bearer wagon
	Packwagen	.....	baggage wagon
	Veterinärmittelwagen	.....	veterinary equipment wagon
	Schanzzeugwagen	.....	entrenching equipment wagon
Hf 1/1	grosser Gefechtswagen	.....	large combat wagon
used as	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 Fahnnenschmiedwagen	.....	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 Frensprechtswagen (gefedert)	.....	light telephone wagon (sprung)
Hf 3/11	kleiner Gefechtswagen	.....	small combat wagon
Hf 3/12	kleiner Fahnnenschmiedwagen	.....	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 Fahnnenschmiedwagen (Stahlfeldwagen)	.....	large farrier wagon (steel)
Hf 7/14	Waffenmeisterwagen (Stahlfeldwagen)	.....	armorer wagon (steel)
Hf 8	Bockwagen	.....	tressle 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 Infantriegeschützprotze	limber for light infantry gun
If 14		Munitionswagen	ammunition wagon
If 15		Beobachtungswagen	observation wagon
If ?		Gebirgskarre für 3,7cm Pak	mountain cart for 3,7cm antitank gun
If ?		Granatwerferkarre mit Rahmen M.24/25	mortar cart with frames

Nf	=	Nachrichtenfahrzeuge	Signal Vehicles
Nf 1		schwerer Fernsprechwagen	heavy telephone wagon
Nf 2		leichter Fernsprechwagen	light telephone wagon
Nf 4		kleiner Funkwagen	small radio wagon
Nf 5		kleinfunkwagen	small radio wagon
Nf 6		Funkwagen	radio wagon
Nf 7		Infanterie-Nachrichtenwagen	infantry signal wagon
Nf ?		Bauwagen 13	contruction equipment wagon
Nf ?		Leiterwagen für Fernsprechtrupp	ladder wagon for telephone section
Nf ?		Kastenwagen für Fernsprechtrupp	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 STELLENGRUPPEN (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 admin-istration, 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 units 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)
Assistenzzahlmesiter 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
Brieftaubenmeister 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	Ordonnanz	Orderly (enlisted)
Beamte	Armed Forces Civil Servant / Government Service Official / Civilian Employee in Military Service	Panzerbüchschenschütze	Antitank Rifleman
	Observer	Panzerelktromechaniker	Armored Vehicle Electrician
Beobachter	Observation Officer	Panzerelktroschweisser	Armored Vehicle Arc Welder
Beobachtungsoﬃzler	Farrier / Horseshoe Smith	Panzerführer	Armored Vehicle Commander
Beschlagschmied	Entertainment Officer	Panzerfunkwart	Armored Vehicle Radio Repairman
Betreuungsoﬃzler	Boat Operator	Panzergetriebenschlosser	Armored Vehicle Drive Train Mechanic
Bootsmann	Chief of Staff	Panzerjägerführer	Antitank Vehicle Commander
Chef des Stabes	Division Physician	Panzermotorenschlosser	Armored Vehicle Motor Mechanic
Divisionionsarzt	Division Commander	Panzerschlosser	Armored Vehicle Mechanic
Divisionskommandeur	Interpreter	Panzerschützen	Infantryman in an Armored Vehicle
Dolmetscher	Lathe Operator	Panzerwart	Armored Vehicle Mechanic
Dreher	Printer	Peiler	Direction Finder
Drucker	Electrician	Pferdeführer	Horse Leader. Driver on foot of a horse-drawn wagon
Elektriker	Electro Mechanic	Pferdehalter	Horse Holder (Groom)
Elektromechaniker	Rangefinder / Distance Measurer	Pferdewärter	Groom (Horse Holder)
Entfernungsmesser	Scout	Pionier	Pioneer / Engineer / Sapper
Erkunder	Observation Officer	Planoffizier	Triangulation Officer
Erkundungsoﬃzler	Specialist	Postfachkraft	Postal Worker
Facharbeiter	Farrier NCO	Prüfer	Accounts Controller
Fahnenschmied	Driver	Quartiermeister	Quartermaster
Fahrer	Wagoner.	Rechner	Calculator
Fahrer vom Bock	(Driver of a horse-drawn vehicle sitting on the driver's box)	Rechnungsführer	Accountant
	Horse Team Leaders.	Regimentsadjutant	Regiment Adjutant
Fahrer vom Sattel	(Drivers of a horse-drawn vehicle sitting on the horses)	Regimentsarzt	Regiment Physician
	Optics Technician	Regimentskommandeur	Regiment Commander
Feinmechaniker	Field Radio Operator	Regimentskraftfahroﬃzler	Regiment Motor Officer
Feldfunksprecher	Military Policeman	Regimentsschreiber	Regiment Headquarters Clerk
Feldgendarm	Cook	Regimentsveterinär	Regiment Veterinary Doctor
Feldkoch	Cook NCO	Richter	Judge
Feldkochunteroﬃzler	Sergeant	Richtkreisunteroﬃzler	Gun Layer NCO / Gun Director NCO
Feldweibel	Telephonist	Richtmeister	Master Fitter
Fernsprecher	Ordnance NCO	Richtschütze	Gunner
Feuerwerker	Antiaircraft Weapon Armorer	Sachbearbeiter	Clerk
Flakwaffenwart	Air Observation Evaluator	Sanitätsoﬃzler	Medical Officer
Flugmeldeauswerter	Air Observer	Sanitätsunteroﬃzler	Medical NCO
Flugmelder	Leader	Sattelpferd	Near Horse
Führer	Leader of the Company/Battery Vehicles	Sattler	Saddler / Harness Maker
Führer der Gefechtsfahrzeuge	Radio Operator	Scherenfernrohrunteroﬃzler	Scissors Telescope NCO
Funker	Senior Radio Operator	Schirmmeister	Foreman / Harness Keeper / Storekeeper NCO / Maintenance Technical Sergeant
Funkmeister	Radio Repairman		Polisher
Funkwart	Fodder NCO	Schleifer	Mechanic
Futtermeister	Chemical Warfare NCO	Schlosser	Smith
Gaschützunteroﬃzler	Headquarters Clerk	Schmied	Tailor
Gefechtsschreiber	Equipment Administrator	Schneider	Clerk
Gerätverwalter	Equipment Repairman	Schreiber	Shoemaker / Cobbler
Gerätwart	Gun Crew	Schumacher / Schuster	Company Commander (cavalry arm)
Geschützbedienung	Gun Layer / Gun Captain / Gun Commander	Schwadronführer	Company Headquarters Section Leader (cavalry arm)
Geschützführer	Drive Train Mechanic	Schwadrontruppführer	Welder
Getreibeschlosser	Section Leader	Schweisser	Scout Section Leader
Gruppenführer	Craftsman	Spähtruppführer	Detachment Leader
Handwerker	Senior Company NCO / Company First Sergeant	Staffelführer	Cartwright / Wheelwright
Hauptfeldweibel	Senior Battery NCO / Battery First Sergeant	Stellmacher	Gun Position NCO
Hauptwachmeister	Assistant Observer	Stellungsunteroﬃzler	Helmsman (driver of a boat)
Hilfsbeobachter	Assistant Controller	Steuermann	Fuel Handler
Hilfsprüfer	Foreign Volunteer for Military Service	Tankwart	Joiner / Cabinet Maker
Hiwi (Hilfswilliger)	Wood Worker	Tischler	Trains Leader
Holzarbeiter	Commissary Officer	Trossführer	Troop Doctor
Intendant	Gunner	Truppenarzt	Team Leader
Kanonier	Cartographer	Truppführer	NCO (Non-Commissioned Officer)
Kartenzeichner	Kettenkraftradfahrer	Unteroﬃzler	Document Clerk
Kettenkraftradfahrer	Klempner	Urkundsbeamter	Liaison Officer
Klempner	Cook	Verbindungsoﬃzler	Measuring Service
Koch	Commandant	Vermessungsdienst	Rations Handler
Kommandant	Kommandeur	Verpflegungsman	Rations NCO
Kommandeur	Kompanieführer	Verpflegungsunteroﬃzler	Veterinary Officer
Kompanieführer	Kompanietrossführer	Veterinärsoﬃzler	Forward Observer
Kompanietrossführer	Kompanietruppführer	Vorgeschobener Beobachter	Leading Craftsman
Kompanietruppführer	Kradmelder	Vorhandwerker	Outrider. Escort on horse-back of a horse-drawn vehicle.
Kradmelder	Kraftfahrzeugelektriker	Vorreiter	Advance Warning Man
Kraftfahrzeugelektriker	Kraftfahrzeugmotorenschlosser	Vorwamer	Armorer
Kraftfahrzeugmotorenschlosser	Kraftfahrzeugschlosser	Waffenmeister	Assistant Armorer
Kraftfahrzeugschlosser	Kraftwagenbeifahrer	Waffenmeistergehilfe	Master Armorer NCO
Kraftwagenbeifahrer	Kraftwagenfahrer	Waffenmeisterunteroﬃzler	Armorer NCO
Kraftwagenfahrer	Krankenträger	Waffenunteroﬃzler	Wagon Escort. Escort of a horse-drawn vehicle on foot
Krankenträger	Ladeschütze	Wagenbegleiter	Leader of the vehicles in the trains
Ladeschütze	Laufwerkschlosser	Wagenführer	Launcher or Mortar Gunner
Laufwerkschlosser	Leiter	Werferführer	Foreman / Chief Technician
Leiter	Lichtpauser	Werkmeister	Paymaster / Finance Officer
Lichtpauser	Maler	Zahlmeister	Draftsman
Maler	Mann	Zeichner	Carpenter
Mann	Mannschaft	Zimmermann	Platoon Leader
Mannschaft	Maschinengewehrscütze	Zugführer	Platoon Headquarters Section Leader
Maschinengewehrscütze	Meldefahrer	Zugtruppführer	
Meldefahrer	Meldefahrer		