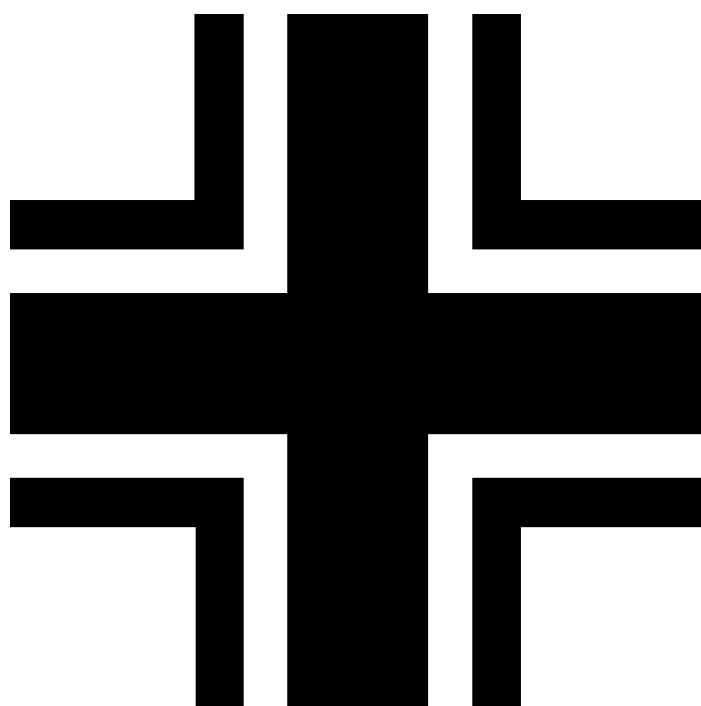


GERMAN WORLD WAR II ORGANIZATIONAL SERIES



Volume 3/I

**MECHANIZED ARMY DIVISIONS
(22 June 1941)**

THE GERMAN WORLD WAR II ORGANIZATIONAL SERIES

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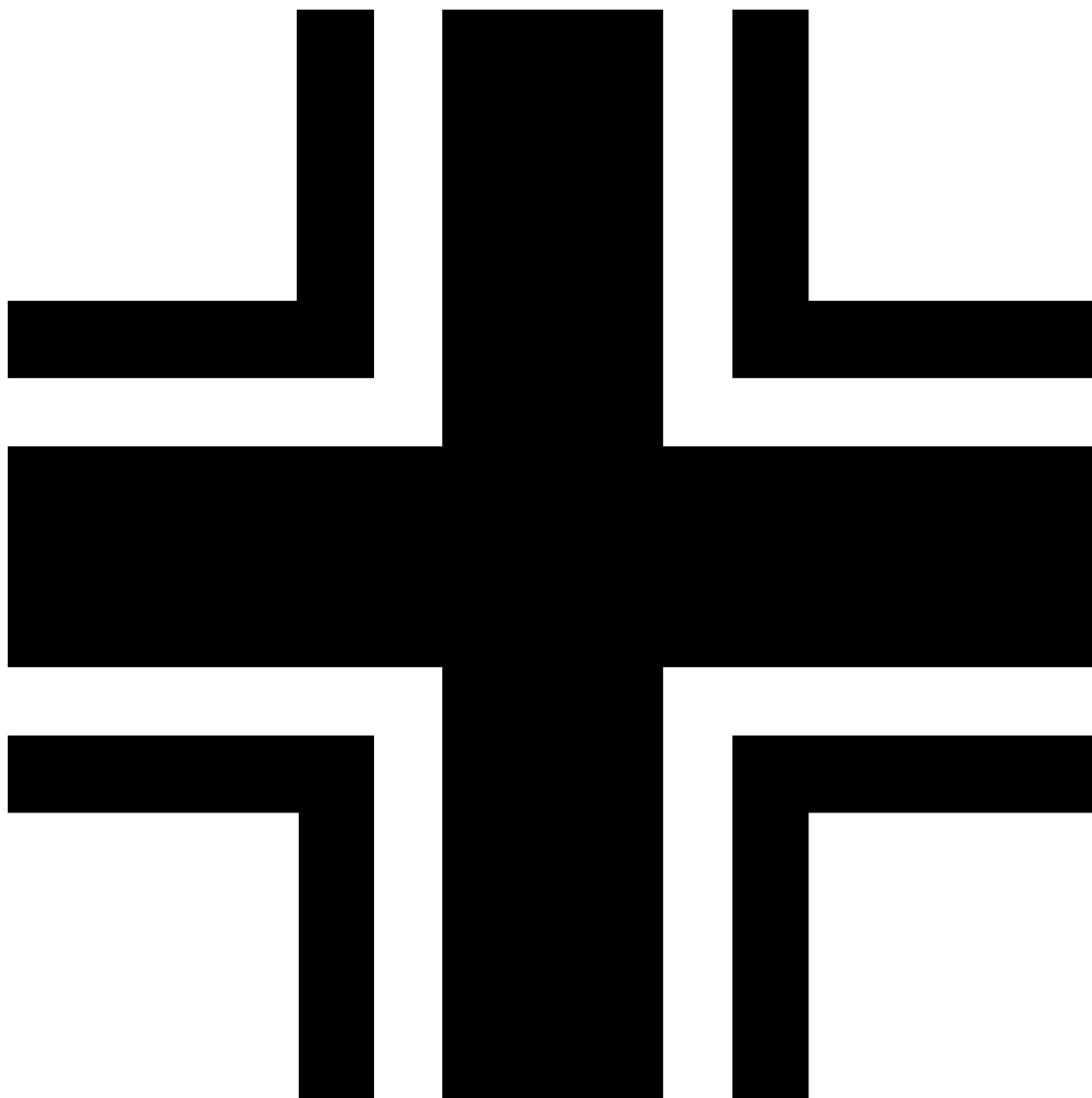
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1939 – 45	Luftwaffen Ground Combat Forces
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by Leo W.G. Niehorster



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THE AUTHOR

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

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

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

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

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

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

GENERAL INTRODUCTION

Practically every Panzer division during the first two years of the war had had a different organization. This was owing to various factors. First, the unpreparedness of the Army (they had not expected a major war to break out so soon). Second, several different combinations of units and equipment had been tried out in the 1939 Polish and 1940 French Campaigns. It was only in late 1940 and early 1941 that a consensus was reached, and a high degree of organizational uniformity was achieved. And, third, despite the lack of motor vehicles and armored fighting vehicles (AFV) hampered a uniform organization.

This volume deals with mechanized formations, emphasizing motor vehicles and AFV. The lack of equipment was not, however, limited to vehicles. Panzer divisions and infantry divisions (motorized) also lacked enough weapons to complete their authorized organization, even though the mechanized divisions received priority over other formations.

Tank production, for example, did not reach its peak until 1944. Neither soft-skinned motor vehicles nor other equipment was never produced by Germany in sufficient numbers to satisfy the needs of the tables of organization (*Kriegsstärkenachweisung* – KStN). Indeed, it is doubtful if any mechanized unit ever had the exact number and certainly not all the types of vehicles and equipment prescribed by the KStN.

It is doubtful if any mechanized unit ever had the exact number and type of vehicles and equipment prescribed by the KStN. Chronic motor vehicle shortages plagued the German Armed Forces throughout the war. A satisfactory level of vehicles was finally achieved by June 1941, but only by using French, Czech, and even Polish captured vehicles, as well as requisitioned German civilian vehicles of all sorts.

Indeed, the German Army was never as well numerically at strength (i.e. according to the prevailing KStN) as it was at the beginning of the 1941 Barbarossa Campaign on 22.06.1941.

The German Armed Forces and the Waffen-SS continued to be plagued by a continuing shortage of motor vehicles throughout the rest of the war. Production was never able to keep up with the demand. Tank production, for example, did not reach its peak until 1944.

The war diaries of both Halder, Chief-of-Staff of the OKH from 1939 – 1942 (OKH = German Army High Command), and of the OKW (OKW = German Armed Forces High Command), are full of remarks indicating a serious lack of equipment, specialist personnel, and vehicles of all sorts, including armored vehicles.

After the 1940 France Campaign, the Panzer divisions were reorganized, and their number doubled to twenty. This increase in numbers was done partially at the expense of already existing divisions. All Panzer divisions gave units and personnel for the new divisions, (which were in part replaced by new intakes and new equipment). Two Panzer divisions were created by converting two infantry divisions (motorized), a third by enlarging the formerly independent 11th Motorized Infantry brigade, and the rest from regular infantry divisions.

An additional eight infantry divisions (motorized) were raised, bring the total up to ten divisions by June 1941.

All divisions that had had two tank regiments lost one of them to the new Panzer divisions. By June 1941, 9 Panzer regiments had 3 battalions, and the remaining 12 had 2 battalions of tanks. (The twenty-first went to the 5th Light Division (motorized in North Africa).

The lessening of tank units was also accompanied by a reduction of the number of tanks in the Panzer regiments themselves. This was done by reducing the number of light tanks in each Panzer regiment, i.e. by deleting the Pz-I (Sd.Kfz. 101), (already obsolete in 1939); and by reducing the number of Pz-II Sd.Kfz. 121). The Pz-I's were relegated to training duties,

or converted to self-propelled mounts, ammunition carriers, etc. The Pz-II's, which in any event were not available in sufficient numbers, were either used as scout vehicles by the Panzer units, or were converted to self-propelled vehicles and, for example, Flame tanks. The number of Pz-III (Sd.Kfz. 141), on the other hand, was increased. All twenty Panzer divisions were given a motorized brigade headquarters, with two motorized infantry regiments (of two battalions each), and a motorcycle battalion. (The 13th Motorized Infantry brigade maintained its infantry regiments under the Infantry Inspectorate organization, being officially engaged in training the fledgling Rumanian armored forces, and in fact guarding the Ploetsi oil fields.

After the 1940 France Campaign, all infantry divisions (motorized) also received a motorcycle infantry battalion, identical in all ways to those of the Panzer divisions.

The new KStN applicable in June 1941 foresaw the main battle tanks as being the Pz-III and Pz-IV, production was not able to meet the demand. Part of the AFV of this gap was filled with the Czech-manufactured Pz-35(t) and Pz-38(t) tanks. In fact, of the eighteen Panzer Divisions fielded by the German Army in the 1941 Barbarossa Campaign, six were equipped with these Czech tanks instead of the Pz-III. Nevertheless, not one single Panzer Division was equipped with its authorized quota of Pz-III or Pz-IV.

Besides a lack of motor vehicles in general, a major handicap in 1941, (and the rest of the war), was a lack of armored halftracks. Some of the Panzer divisions had no armored infantry at all, most only had a company. On the other hand, the 10th Panzer Division had a battalion, and the 1st Panzer Division even had two battalions equipped with armored halftracks.

The artillery regiments of both Panzer and the infantry divisions (motorized) had three battalions, although some of the IIIrd battalions still had a 3rd battery of 150mm field howitzers (sFH) instead of a battery of 105cm Guns (10cm Kanone) at this time.

The lack of Pz-II's made it impossible to equip all Panzer divisions with an armored engineer company. However, as with the 10cm Kanone battery, when sufficient equipment became available, most of these authorized units were raised or converted.

The 5. leichte Division (motorisiert) was an anomaly. Raised for service in North Africa, it had been put together from bits and pieces taken from the 3rd Panzer Division, small "donations" from several infantry divisions, and completed by various GHQ Troops units. It was redesignated as 21st Panzer Division on 01.08.1941, although the organization remained nonstandard.

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

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

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

Preface to the Second Edition

This second edition has been thoroughly revised, amended, and updated. It now includes the divisional support services as well as the trains of the all units and headquarters. Text (originally done on an IBM Composer), layout, and the drawings (originally done by hand), have been redone on a computer. New units have also been added.

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

HOW TO READ THE CHARTS

Dates are indicated in the following manner: Day.Month.Year. (Thus 22.06.1941 is the 22nd Day of June 1941).

The ordinator for numbers in German is the dot (“.”). Where German units are referred to in their original German designation, this practice has been followed. E.g. 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 sometimes have the identifying numbers indicated first in this work. However, Army Groups, having names or letters – as opposed to numbers – have their designations indicated last.

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

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

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

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

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

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

E.g.: truck (3-ton) refers to a cross-country (all-wheel-drive) load-carrier with a 3-ton load factor. Truck (medium) refers to a civilian (rear-axle-driven) load carrier with a load factor of between 3 to 4.4 tons. Halftrack (7) refers to the 8-ton halftrack (*Zugkraftwagen*) with the *Sd.Kfz.* number 7. Car (2) refers to the light personnel carrier with the *Kfz.* number 2. Etc. 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, maintenance, 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 have not been located 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 are included under this designation, where present, they have been presented separately for clarity.

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 authorizations for these changes have not been indicated.

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

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

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

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

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

GERMAN UNITS AND ORGANIZATIONAL SYMBOLS – 1939

The symbols in this book are based on the official German handbook of military symbols (H.Dv. 272) of 24.03.1941 – with amendments of the symbols as used in the organizational charts. 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. 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, 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 enclosed in a box with the side thickened.

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) A unit of varying size with several components under a headquarters section, these components could be 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
Infantry	Mountain	Bicycle	Machine Gun	Mixed Mobility	Motorized	Motorcycle	Tank / Armored	Anti-Tank	Construction	Traffic Control	Military Police
Artillery	Mountain Artillery	Bb Artillery Observation	Rocket Artillery	Infantry Anti-Aircraft	Army Anti-Aircraft	Luftwaffe Anti-Aircraft	Assault Artillery	Recoilless Artillery	Fortress	FE Field Replacement	Sich Security
Foot / Horse-Drawn	Mountain	Bicycle	Pack Animal	Mixed Mobility	Motorized	Motorcycle	Halftrack Towed	Motor Towed	Self-Propelled	Halftrack	Train

WEAPON SYMBOLS

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

INFANTRY UNITS AND MOUNTAIN UNITS

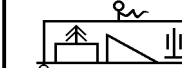
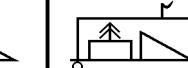
Infantry Platoon	Infantry Company	Infantry Heavy Company	Infantry Bicycle Platoon	Infantry Engineer Platoon	Infantry Signal Platoon	Infantry Anti-Tank Platoon	Infantry Gun Company	Light Anti-Aircraft Co. (mot)	Medium Anti-Aircraft Co. (mot)	Infantry Mounted Recon. Plt.	Light Infantry Transport Column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

ENGINEER UNITS

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

German Organizational Symbols 1941

MOBILE TROOPS

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

ARTILLERY UNITS

 75mm Field Gun Battery	 75mm Mtn. Gun Battery (GK 15)	 75mm Field Gun Battery (FK 16 nA)	 75mm Cav. Gun Battery (FK 16 nA)	 Assault Gun Battery (Sd.Kfz. 142)	 75mm Field Gun Battery (FK 18)	 105mm Field Howitzer Battery	 105mm Field Howitzer Bty. (le.FH 16)	 105mm Field Howitzer Bty. (le.FH 18)	 105mm Gun Battery	 105mm Gun Battery (K 17)	 105mm Gun Battery (K 18)
 150mm Gun Battery (K 16)	 150mm Gun Battery (K 18)	 150mm Gun Battery (K 39)	 150mm Gun Battery (How. Base)	 210mm Gun Battery (K 12)	 210mm Gun Battery (K 38)	 210mm Gun Battery (K 39)	 240mm Gun Battery	 240mm Gun Battery (K 3)	 Heavy Field Howitzer Battery	 150mm Field Howitzer Bty. (s.lg. FH 13)	 150mm Field Howitzer Bty. (s.FH 18)
 210mm Howitzer Bty. (lg. Mörser)	 210mm Howitzer Bty. (M 18)	 240mm Howitzer Bty. (H 39)	 305mm Howitzer Battery	 355mm Howitzer Bty. (M 1)	 420mm Howitzer Battery	 600mm Howitzer Bty. (Karl Gerät)	 Recoilless Gun Battery	 Searchlight Army AA Battery	 20mm Flak Army AA Battery	 37mm Flak Army AA Battery	 88mm Flak Army AA Battery
 105mm Rocket Launcher Bty. (Nbl. W. 35)	 105mm Rocket Launcher Bty. (Nbl. W. 40)	 150mm Rocket Launcher Bty. (Nbl. W. 41)	 210mm Rocket Launcher Bty. (Nbl. W. 42)	 280/320mm RL Bty. (Wfr. 40/41)	 Decontamination Battery	 Motorized Headquarters Battery	 Mot. Hqs. Battery (Pz. Div.)	 Hqs. Bty. Assault Gun Battalion	 Hqs. Bty. Army AA Battalion	 Hqs. Bty. Rocket Battalion	 Hqs. Bty. Art. Obs. Battalion
 Motorized Calibration Detachment	 Mountain Calibration Detachment	 Motorized Calibration Platoon	 Weather Detachment	 Weather Platoon	 Motorized Calibration Battery	 Sound-Ranging Battery	 Flash-Ranging Battery	 Art. Obs. Battery (Pz. Div.)	 Motorized Balloon Battery	 Artillery Motor Towing Detachment	 Lt. Artillery Signal Col. (mot)

SIGNAL UNITS

 Motorized Propaganda Company	 Motorized Signal Company	 Motorized Telephone Company	 Mountain Telephone Company	 Telephone Construction Company	 Wire Construction Company	 Telephone Operations Company	 Motorized Radio Company	 Motorized Interception Company	 Armored Signal Company	 Armored Radio Company	 Lt. Artillery Signal Col. (mot)
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REAR ECHELON UNITS

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

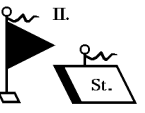
ABBREVIATIONS

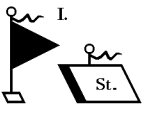
<i>Abbr.</i>	<i>German</i>	<i>English</i>	<i>Abbr.</i>	<i>German</i>	<i>English</i>
A					
AA	–	antiaircraft	Kol	Kolonne	Column
A.A.	Aufklärungs-Abteilung	reconnaissance battalion	Kp	Kompanie	Company
Abt	Abteilung	Battalion echelon unit	Krad	Kraftrad	motorcycle
–	Abschnitt	Sector	KSTN	Kriegstärkenachweisung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

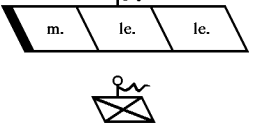
	Norwegen Armeec 710. Inf. Div.	XXXIII. Höhere Kommando	181. Inf. Div. 196. Inf. Div.
		LXX. Höhere Kommando	69. Inf. Div. 163. Inf. Div. 214. Inf. Div.
		XXXVI. Höhere Kommando	169. Inf. Div. SS-Nord (mot)
		Gebirgskorps Norwegen	2. Geb. Div. 3. Geb. Div. 199. Inf. Div. 702. Inf. Div.
FINNISH ARMY 14 th Fin. Inf. Div.	Finnish Caretian Army 1 st Fin. Inf. Div. 7 th Fin. Inf. Div. 163. Inf. Div.	III Finnish Corps	6 th Fin. Inf. Div. 3 rd Fin. Inf. Div.
		Finnish Oinonen Group	Fin. Cav. Group 1 st Fin. Inf. Brig. 2 nd Fin. Inf. Brig.
		VI Finnish Corps	5 th Fin. Inf. Div. 11 th Fin. Inf. Div.
		VII Finnish Corps	7 th Fin. Inf. Div. 19 th Fin. Inf. Div.
		II Finnish Corps	2 nd Fin. Inf. Div. 10 th Fin. Inf. Div. 13 th Fin. Inf. Div. 18 th Fin. Inf. Div.
		IV Finnish Corps	4 th Fin. Inf. Div. 8 th Fin. Inf. Div. 12 th Fin. Inf. Div.
ARMY GROUP D	1. Armeec	XXXXV. Höhere Kommando	215. Inf. Div. [12] 260. Inf. Div. [12] 339. Inf. Div. [12] 342. Inf. Div. [12]
		XXVII. Armeekorps	94. Inf. Div. [12] 98. Inf. Div. [12] 327. Inf. Div. [12] 335. Inf. Div. [12] 337. Inf. Div. [12]
		7. Armeec	XXXI. Höhere Kommando 88. Inf. Div. 212. Inf. Div. 233. Inf. Div. 333. Inf. Div. 708. Inf. Div.
		LIX. Höhere Kommando	81. Inf. Div. 246. Inf. Div. 305. Inf. Div. 715. Inf. Div.
		XXV. Armeekorps	205. Inf. Div. 211. Inf. Div. 709. Inf. Div. 712. Inf. Div.
		15. Armeec	LX. Höhere Kommando 83. Inf. Div. 216. Inf. Div. 319. Inf. Div. 323. Inf. Div.
		93. Inf. Div. [12] 711. Inf. Div.	XXXII. Höhere Kommando 96. Inf. Div. [12] 225. Inf. Div. 302. Inf. Div. 322. Inf. Div. 336. Inf. Div. 716. Inf. Div.
		XXXVII. Höhere Kommando	208. Inf. Div. 227. Inf. Div. 304. Inf. Div. 306. Inf. Div. 320. Inf. Div. 321. Inf. Div. 340. Inf. Div.
	12. Armeec 132. Inf. Div. [11]	LXV. Höhere Kommando	704. Inf. Div. 714. Inf. Div. 717. Inf. Div. 718. Inf. Div. [12]
		XVIII. Gebirgskorps	5. Geb. Div. 6. Geb. Div.
		LI. Armeekorps [12]	46. Inf. Div. [12] 73. Inf. Div. [12] 183. Inf. Div. [12] 294. Inf. Div. [12]
		Kommandant Kreta	164. Inf. Div.
		Befh. Saloniki-Ägäis	
		Befh. Südgrichenland	
		Befh. Serbien	
			Gen.d.deutsch.Heeres bei der Kgl. Bulgarisch. Heeres. Litg.
			Deutsch. General beim Obkdo. der Kgl. Ung. Wehrmacht
		Deutsches Afrika Korps	5. lei. Div. (mot) 21. Pz. Div.
		Militärbefehlshaber Frankreich	
		Militärbefehlshaber Belgien und Nordfrankreich	
		Militärbefehlshaber im General-Gouvernement	
	Chef Heeresrüstung und Befehlshaber der Ersatzarmee	Befhelshaber der deutschen Truppen in Dänemark	416. Inf. Div.
		Wehrkreis III	L. A.K. Armeekorps 5. Pz. Div. [12] 900. Lehr-Brig (mot) [4]
		Wehrkreis VI	106. Inf. Div. [8]
		Wehrkreis VII	2. Pz. Div. [12] 707. Inf. Div.
		Wehrkreis X	110. Inf. Div. [3]
		Wehrkreis XII	112. Inf. Div. [8] 197. Inf. Div. [2]
		Wehrkreis XIII	113. Inf. Div. [6] 713. Inf. Div.
		Wehrkreis XVIII	XXXX. AK (mot) [12] 60. Inf. Div. (mot) [12] 79. Inf. Div. [5]
		Generalgouvernement	2. RFSS Brig. (mot) [18]
OKH Reserves scheduled for the East Front			
[1] In process of arriving at the East Front from 19.06.41 through 26.06.41. [2] In process of arriving at the East Front from 20.06.41 through 26.06.41. [3] In process of arriving at the East Front from 21.06.41 through 26.06.41. [4] In process of arriving at the East Front from 22.06.41 through 23.06.41. [5] In process of arriving at the East Front from 22.06.41 through 27.06.41. [6] En route to the East Front, arriving from 23.06.41 through 29.06.41. [7] En route to the East Front, arriving from 24.06.41 through 01.07.41. [8] En route to the East Front, arriving from 25.06.41 through 03.07.41. [9] En route to the East Front, arriving from 26.06.41 through 03.07.41. [10] En route to the East Front, arriving from 27.06.41 through 03.07.41. [11] En route to the East Front, arriving from 28.06.41 through 04.07.41. [12] Reserves scheduled to arrive at the East Front starting 04.04.41. [13] The 221. Sich. Div. temporarily detached to VII. Armeekorps, 4. Armeec. [14] The 286. Sich. Div. temporarily detached to 4. Armeec reserves. [15] The 403. Sich. Div. temporarily detached to 9. Armeec reserves. [16] The 213. Sich. Div. temporarily detached to 6. Armeec reserves. [17] The 444. and 454. Sich. Div. temporarily detached to LII. Armeekorps, 17. Armeec. [18] The 2. SS-Brig. (mot) was being raised in Poland (Generalgouvernement) by the SS. Arrived at the East Front from 25.06.41 through 03.07.41.			
ARMY GROUP NORTH XXIII. A.K. – 251. Inf. Div. – 254. Inf. Div.	16. Armeec 253. Inf. Div.	II. Armeekorps	12. Inf. Div. 32. Inf. Div. 121. Inf. Div.
		X. Armeekorps	30. Inf. Div. 126. Inf. Div.
		XXVIII. Armeekorps	122. Inf. Div. 123. Inf. Div.
		I. Armeekorps	1. Inf. Div. 11. Inf. Div. 21. Inf. Div.
	18. Armeec 291. Inf. Div.	XXVI. Armeekorps	61. Inf. Div. 217. Inf. Div.
		XXXVIII. Armeekorps	58. Inf. Div.
		XXXXI. Armeekorps (mot)	1. Pz. Div. 6. Pz. Div. 36. Inf. Div. (mot) 269. Inf. Div.
		LVI. Armeekorps (mot)	8. Pz. Div. 3. Inf. Div. (mot) 290. Inf. Div.
	4. Panzergruppe SS-Totenkopf-Div. (mot)	RHG 101	207. Sich. Div. 281. Sich. Div. 285. Sich. Div.
ARMY GROUP CENTER LIII. A.K. – 293. Inf. Div.	4. Armeec	VII. Armeekorps	7. Inf. Div. 23. Inf. Div. 258. Inf. Div. 268. Inf. Div.
		IX. Armeekorps	137. Inf. Div. 263. Inf. Div. 292. Inf. Div.
		XIII. Armeekorps	17. Inf. Div. 78. Inf. Div.
		XXXIII. Armeekorps	131. Inf. Div. 134. Inf. Div. 252. Inf. Div.
	2. Panzergruppe 255. Inf. Div.	XII. Armeekorps	31. Inf. Div. 34. Inf. Div. 45. Inf. Div.
		XXIV. Armeekorps (mot)	10. Inf. Div. (mot) 1. Kav. Div. 267. Inf. Div. 3. Pz. Div. 4. Pz. Div.
		XXXXVI. Armeekorps (mot)	10. Pz. Div. SS-Reich-Div. (mot) Grossdeutschland (mot)
		XXXXVII. Armeekorps (mot)	17. Pz. Div. 18. Pz. Div. 29. Inf. Div. (mot) 167. Inf. Div.
	9. Armeec	V. Armeekorps	5. Inf. Div. 35. Inf. Div.
		VI. Armeekorps	6. Inf. Div. 26. Inf. Div.
		VIII. Armeekorps	8. Inf. Div. 28. Inf. Div. 161. Inf. Div.
		XX. Armeekorps	162. Inf. Div. 256. Inf. Div.
	3. Panzergruppe	XXXXII. Armeekorps	87. Inf. Div. 102. Inf. Div. 129. Inf. Div.
		XXXIX. Armeekorps (mot)	7. Pz. Div. 20. Pz. Div. 14. Inf. Div. (mot) 20. Inf. Div. (mot)
		LVII. Armeekorps (mot)	12. Pz. Div. 19. Pz. Div. 18. Inf. Div. (mot)
		RHG 102	221. Sich. Div. [13] 286. Sich. Div. [14] 403. Sich. Div. [15]
ARMY GROUP SOUTH 99. lei. Div.	6. Armeec L.V. Armeekorps 168. Inf. Div.	XVII. Armeekorps	56. Inf. Div. 62. Inf. Div.
		XXXXIV. Armeekorps	9. Inf. Div. 297. Inf. Div.
		III. Armeekorps (mot)	14. Pz. Div. 44. Inf. Div. 298. Inf. Div.
		XIV. Armeekorps (mot)	13. Pz. Div.
	1. Panzergruppe 16. Inf. Div. (mot) 25. Inf. Div. (mot) 9. Pz. Div. 16. Pz. Div. LSSAH (mot) SS-Wiking-Div. (mot)	XXIX. Armeekorps	111. Inf. Div. 299. Inf. Div.
		XXXXVIII. Armeekorps (mot)	11. Pz. Div. 57. Inf. Div. 75. Inf. Div.
		3rd Rumanian Army	IV Rumanian Corps 6 th Rum. Inf. Div. 7 th Rum. Inf. Div.
		4th Rumanian Army	Rumanian Mountain Corps 1 st Rum. Mtn. Brig. 2 nd Rum. Mtn. Brig. 4 th Rum. Mtn. Brig. Rumanian Cavalry Corps 5 th Rum. Cav. Brig. 5 th Rum. Cav. Brig.
Antonescu Group 11 th Rum. Inf. Div. II. Rum. Corps – 9 th Rum. Inf. Div. – 10 th Rum. Inf. Div. – 7 th Rum. Cav. Brig.	11. Armeec 22. Inf. Div.	III Rumanian Corps	Guards Inf. Div. 15 th Rum. Inf. Div. 35 th Rum. Inf. Div.
		V Rumanian Corps	Rum. Frontier Div. 21 st Rum. Inf. Div.
		XI Rumanian Corps	1 st Rum. Fortress Brig. 2 nd Rum. Fortress Brig.
		XL. Armeekorps	76. Inf. Div. 239. Inf. Div. 1 st Rum. Armcd. Div. 6 th Rum. Cav. Brig.
	Theoretically, the 11th Army was subordinate to Antonescu Group. In practice it was directly under Army Group South.	XXX. Armeekorps	198. Inf. Div. 5 th Rum. Inf. Div. 13 th Rum. Inf. Div. 14 th Rum. Inf. Div.
		LIV. Armeekorps	50. Inf. Div. 170. Inf. Div. 5 th Rum. Inf. Div.
		Heeresmission Rumänien	72. Inf. Div.
		IV. Armeekorps	24. Inf. Div. 71. Inf. Div. 262. Inf. Div. 295. Inf. Div. 296. Inf. Div.
	17. Armeec 97. lei. Div. 100. lei. Div.	XXXXIX. Gebirgskorps	68. Inf. Div. 257. Inf. Div. 1. Mtn. Div.
		LII. Armeekorps	101. lei. Div. Slovak Brig. (mot)
		Slovak Corps	1 st Slovak Inf. Div. 2 nd Slovak Inf. Div.
		RHG 103	213. Sich. Div. [16] 444. Sich. Div. [17] 454. Sich. Div. [17]
OKH Reserves on the East Front	2. Armeec XXXX. Höh. Kdo. XXXX. Höh. Kdo. 4. Geb. Div. 125. Inf. Div. 1. RFSS Brig. (mot)		

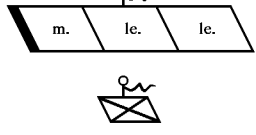
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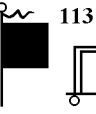
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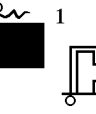
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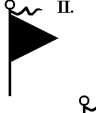
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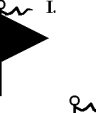
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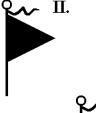
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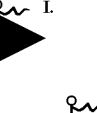
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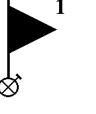
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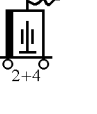
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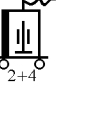
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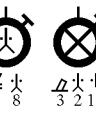
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I. 

1 

2+4 

2+4 

1 

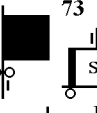
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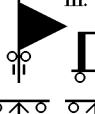
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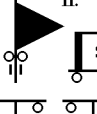
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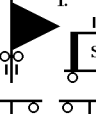
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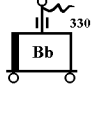
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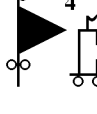
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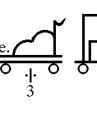
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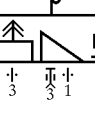
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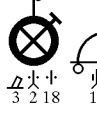
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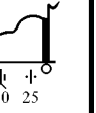
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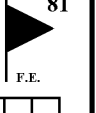
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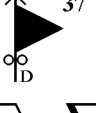
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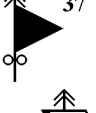
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Pz 

13 

2 

37 

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K 

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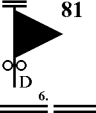
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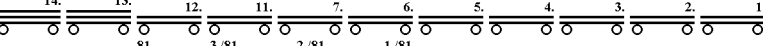
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3 8 6 

3 8 6 

81 

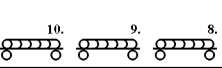
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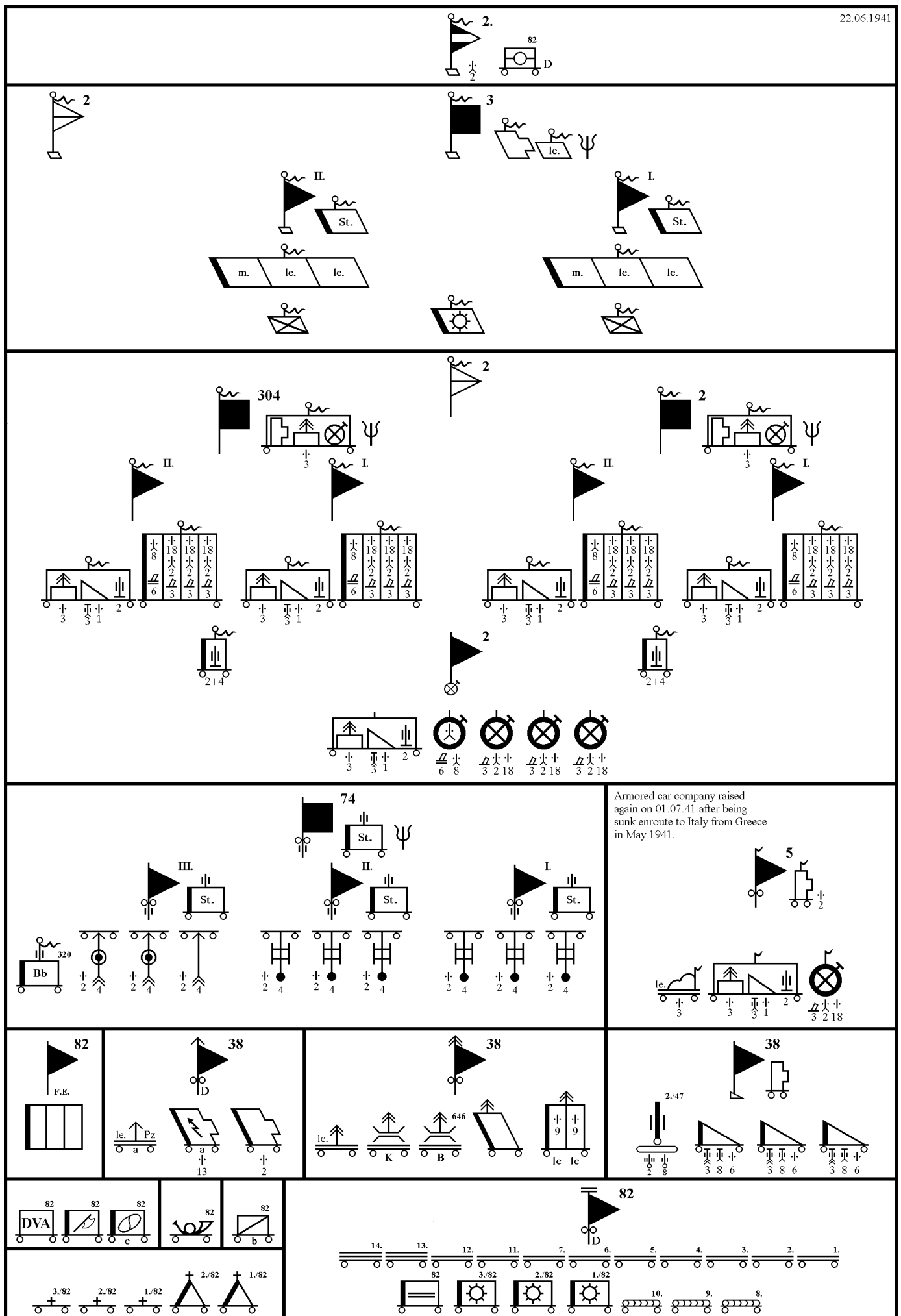
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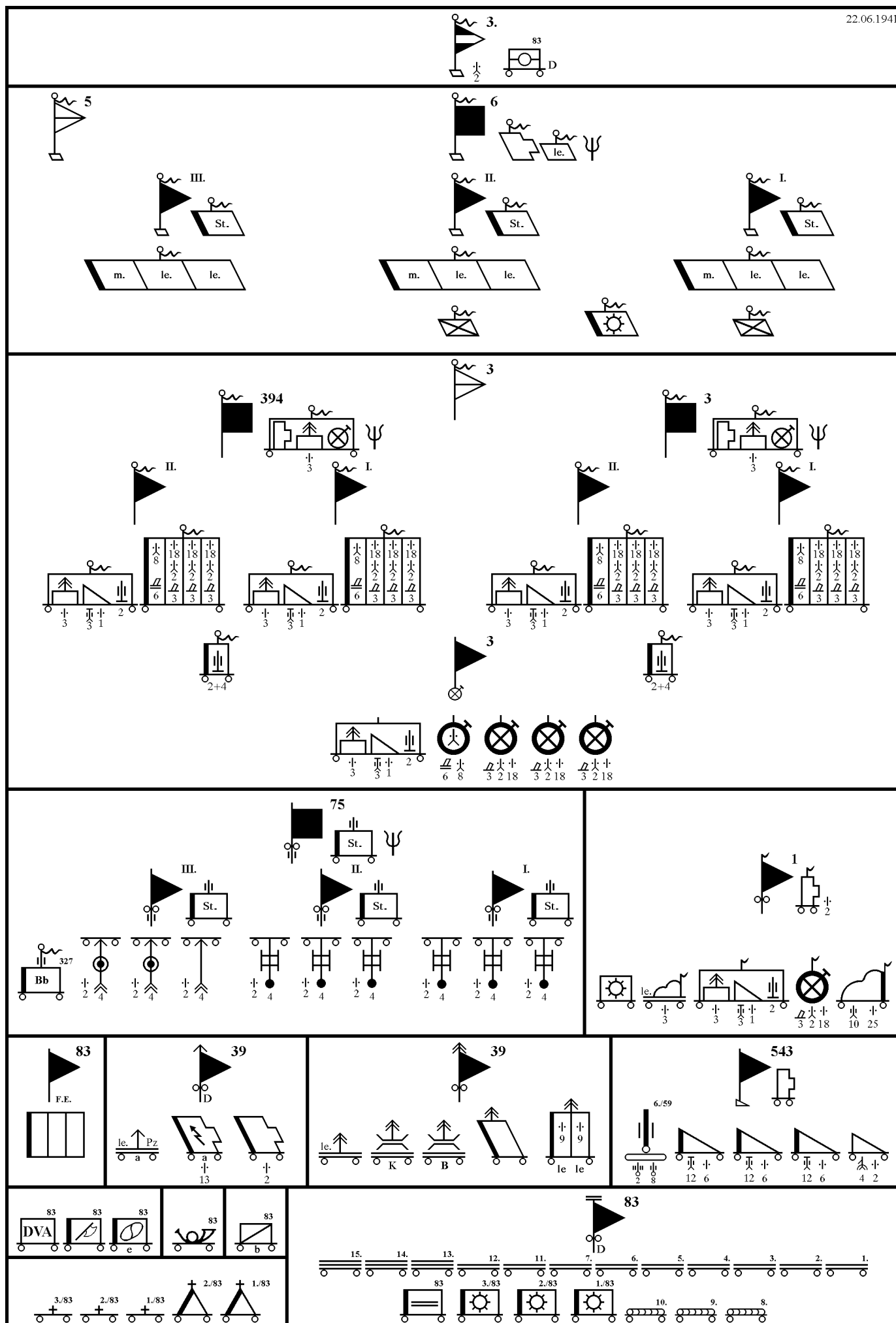
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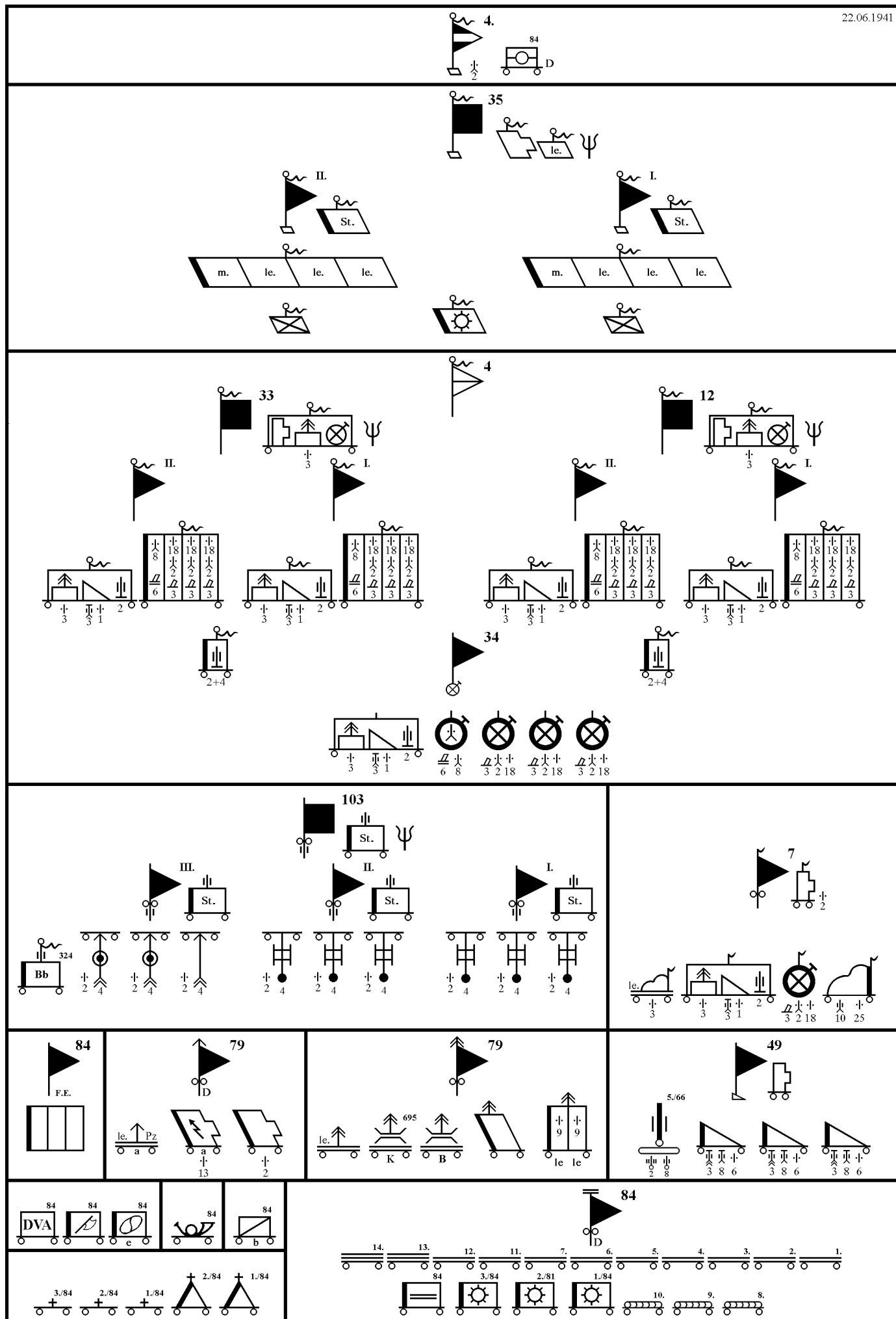
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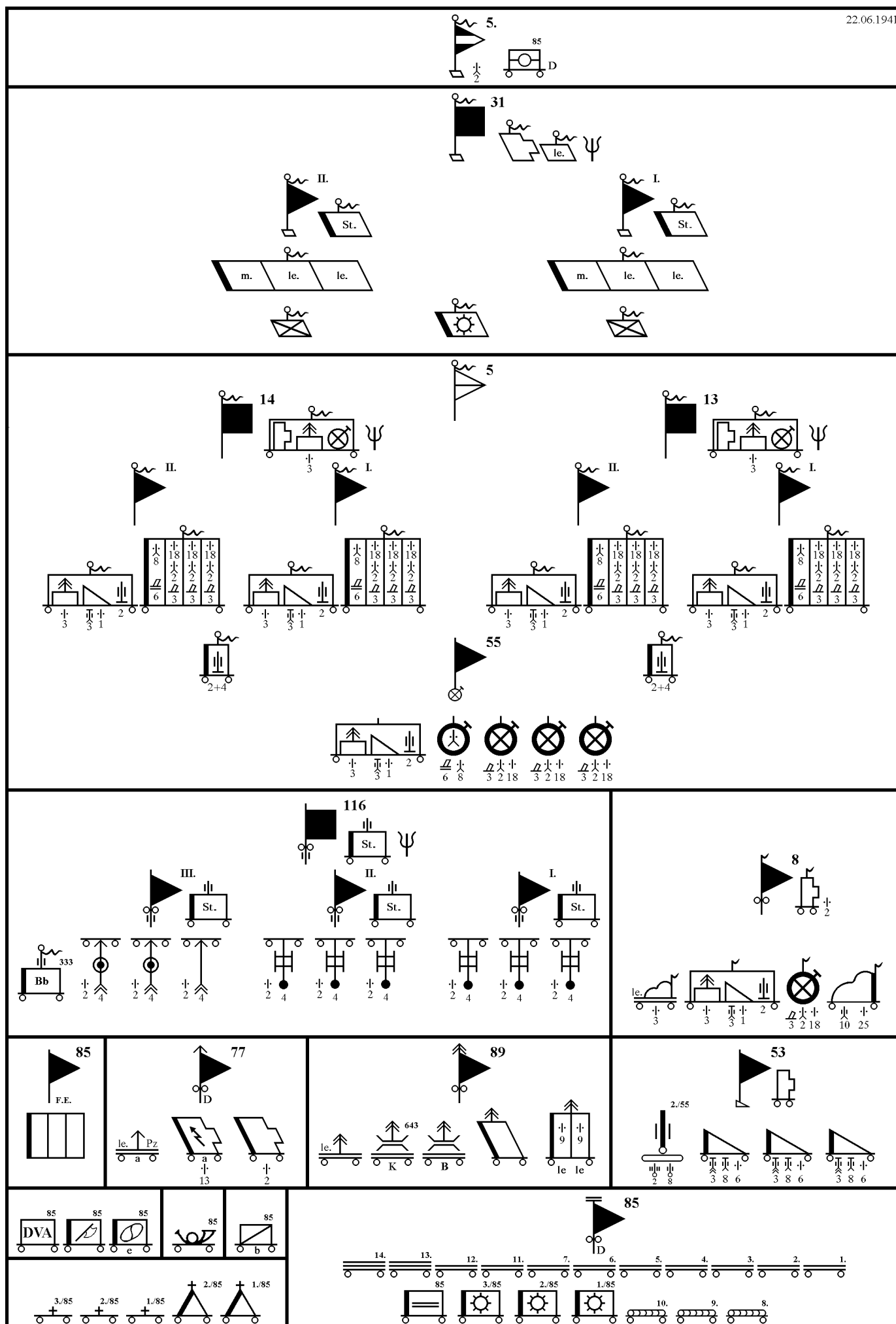
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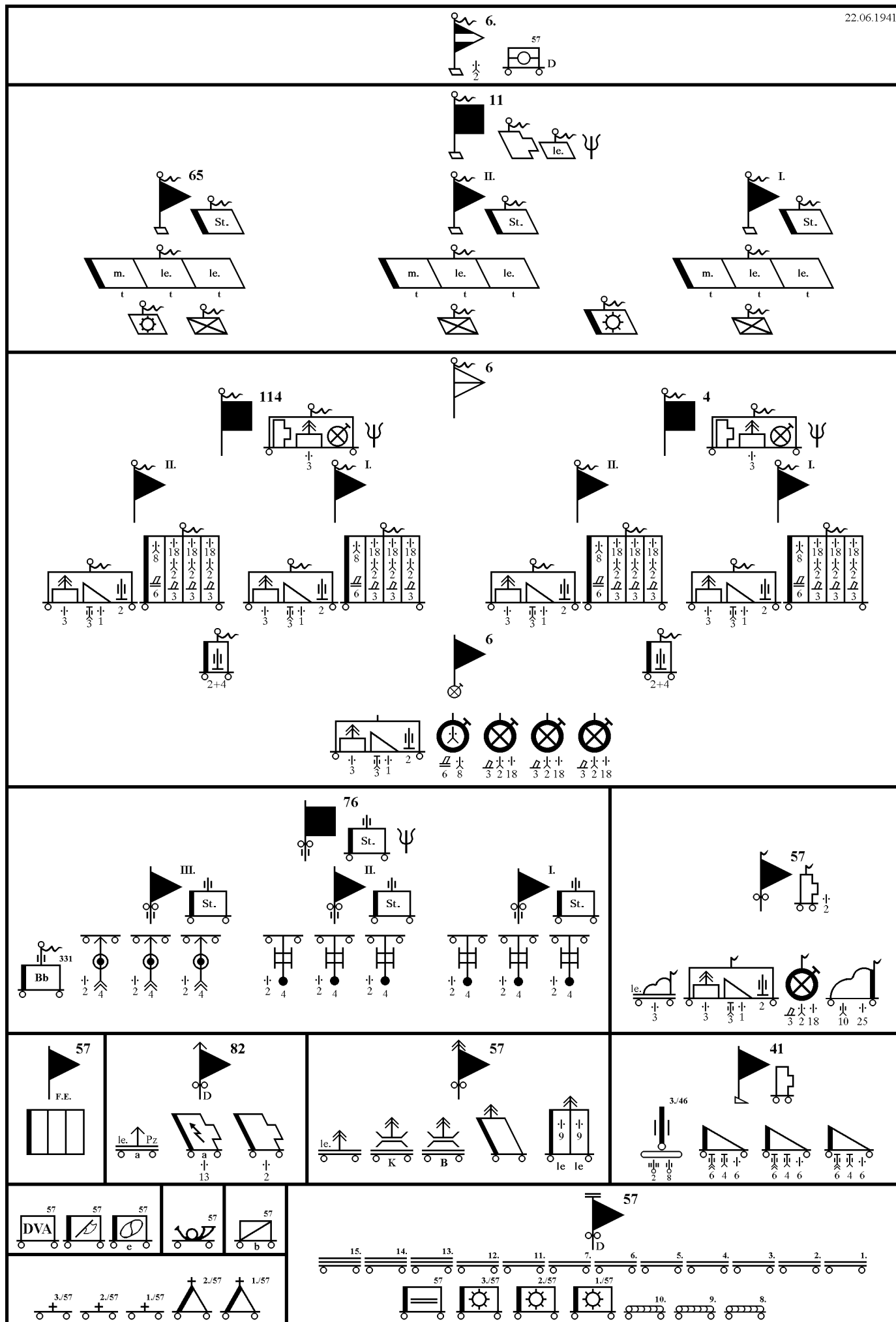
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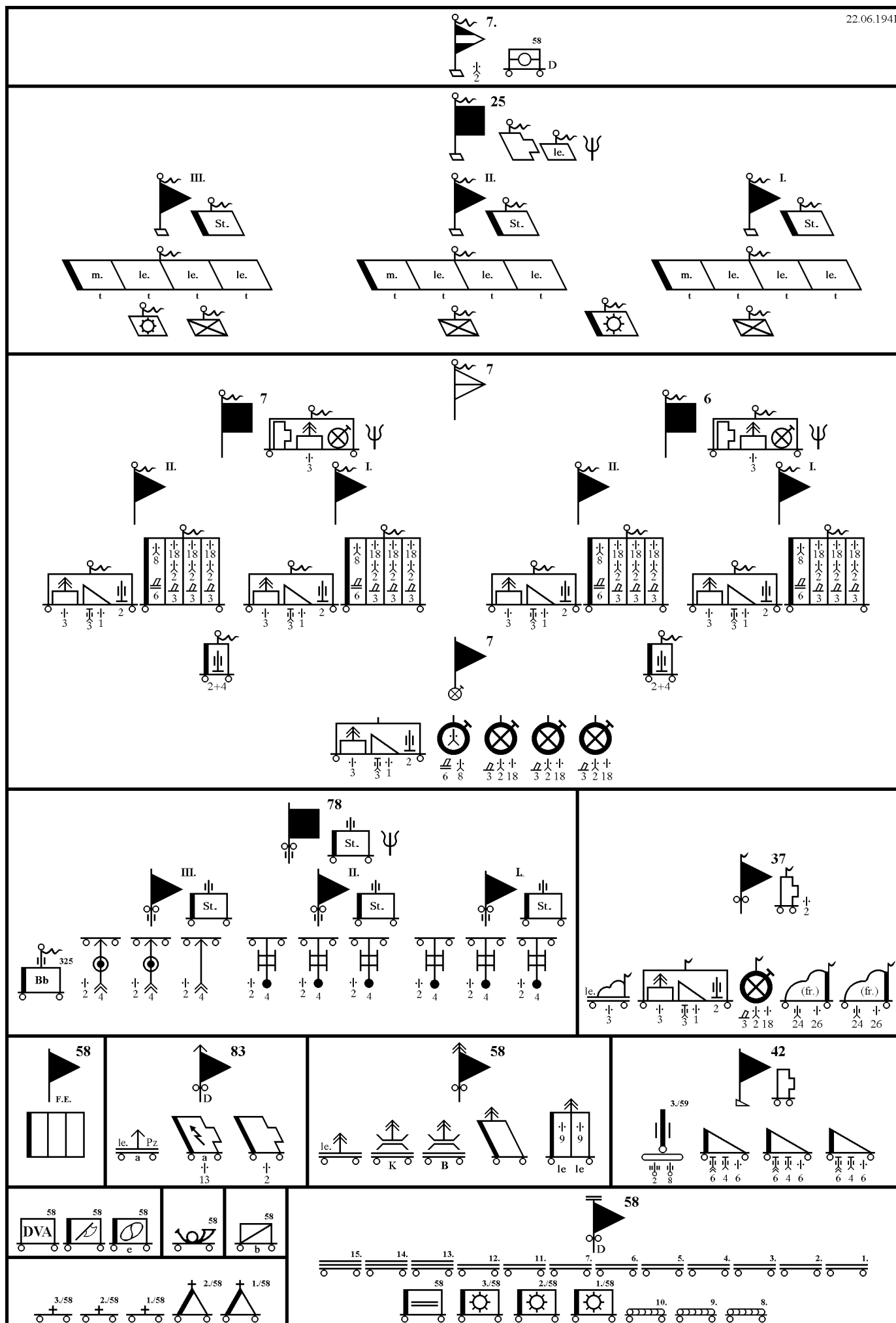




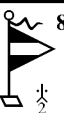








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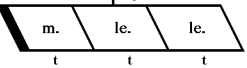
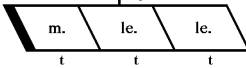
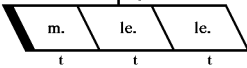
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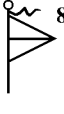
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II.  

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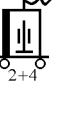
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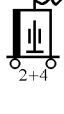
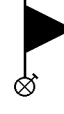
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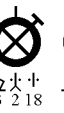
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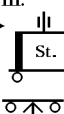
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2+4  

8    

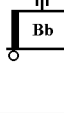
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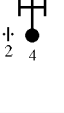
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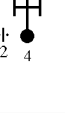
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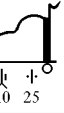
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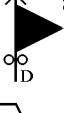
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2 4    

2 4    

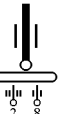
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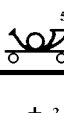
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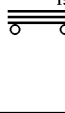
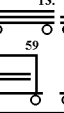
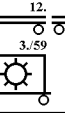
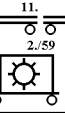
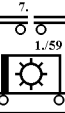
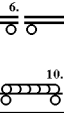
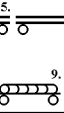
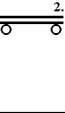
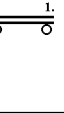
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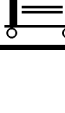
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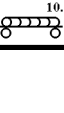
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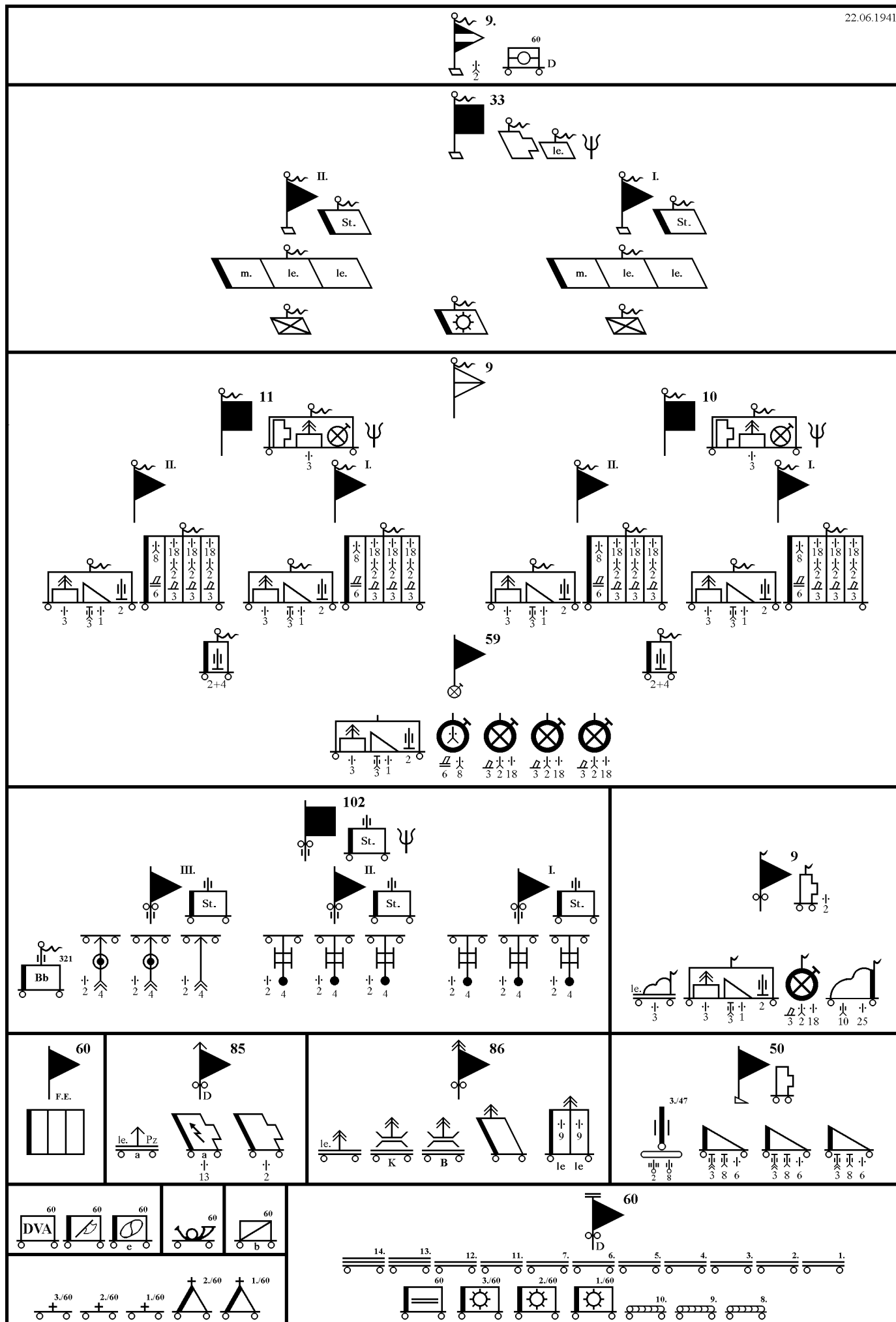
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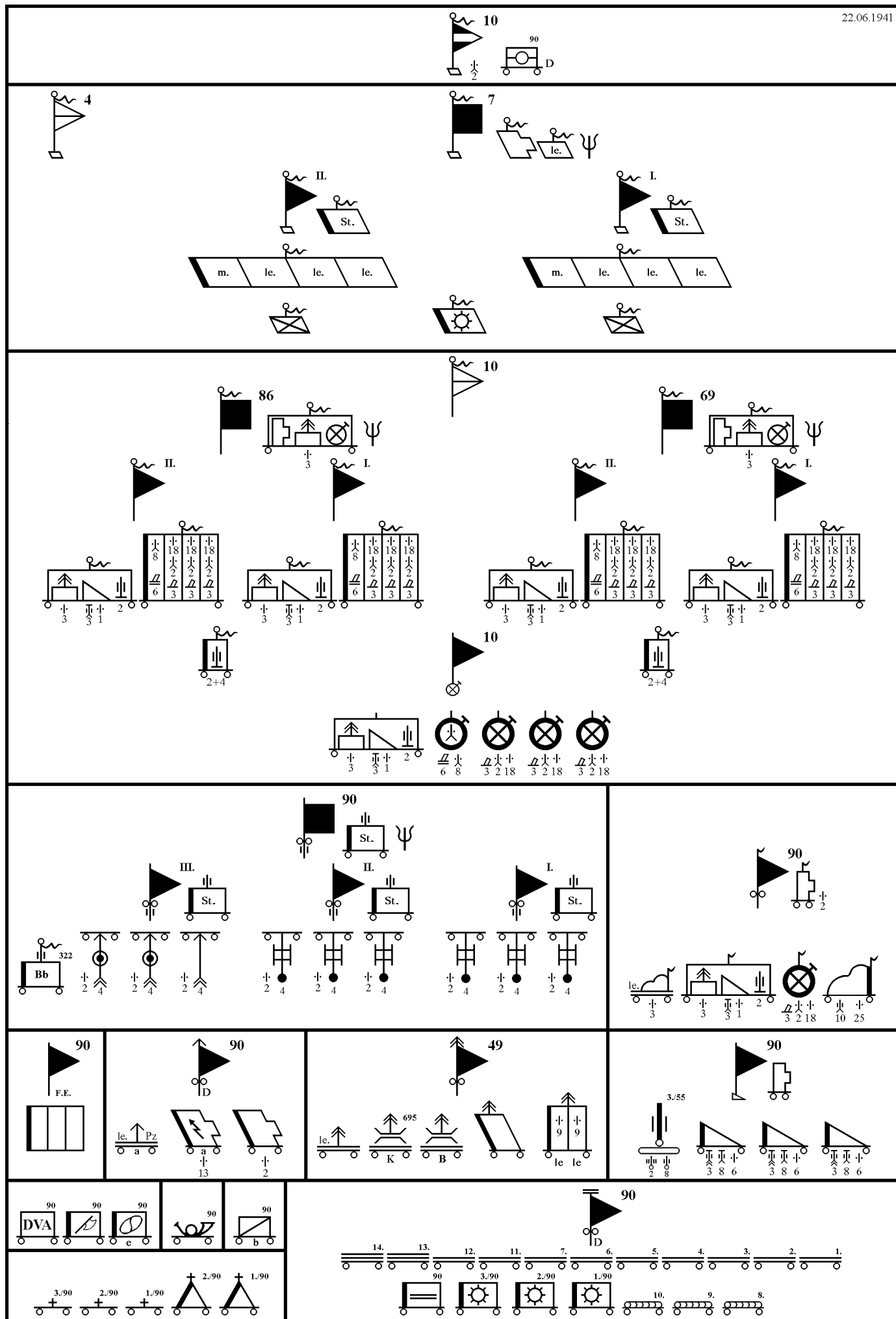
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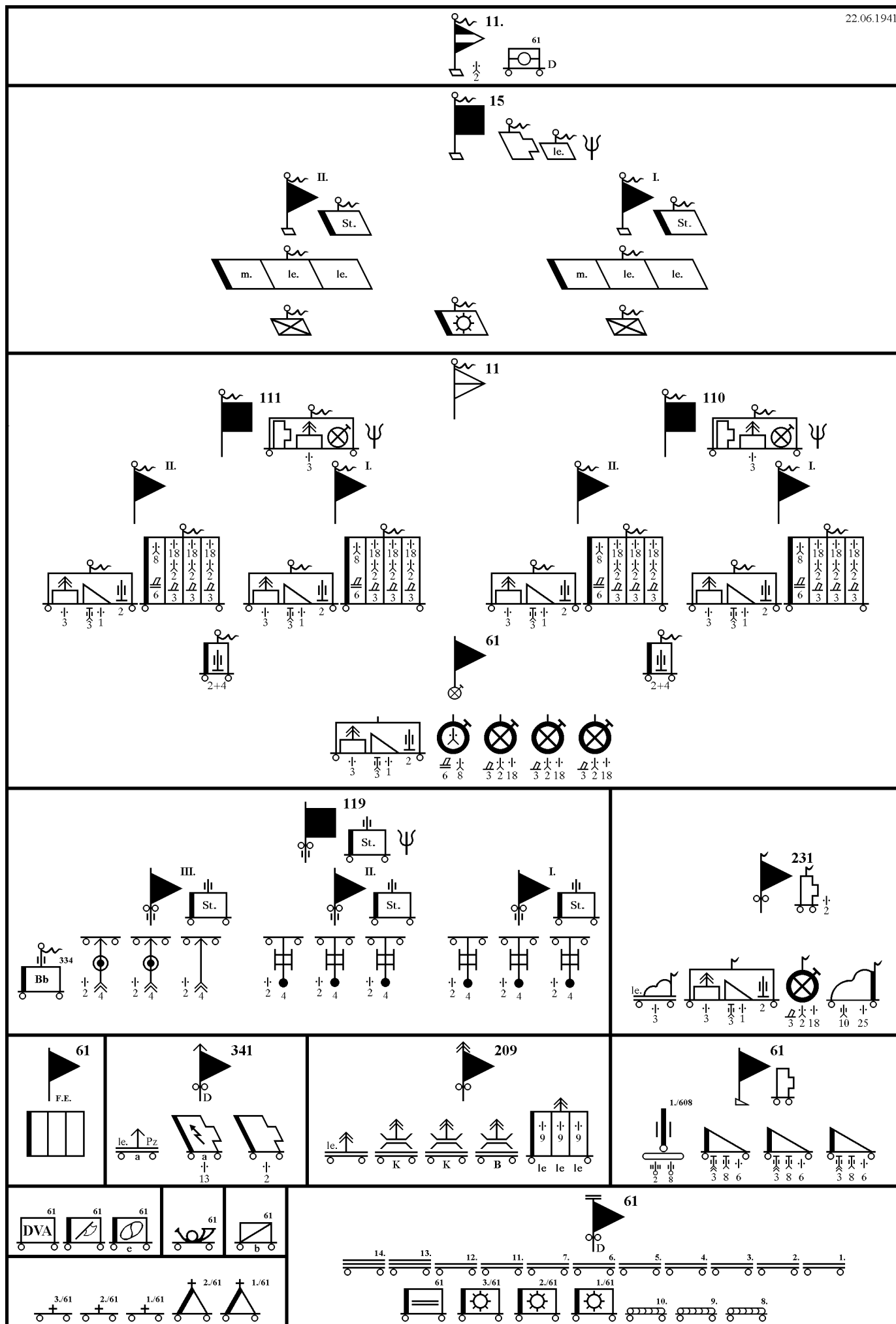
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59    

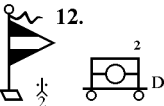
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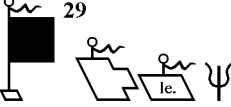


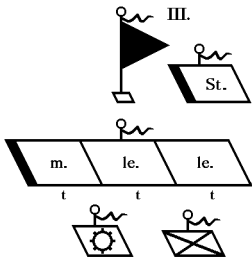


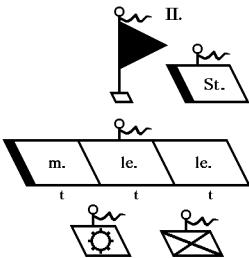


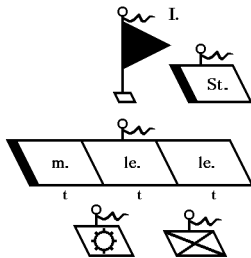
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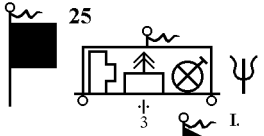
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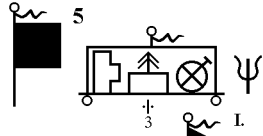
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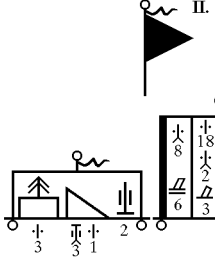
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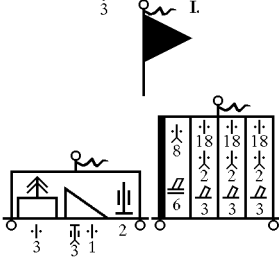
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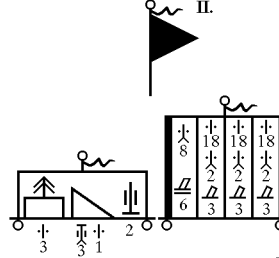
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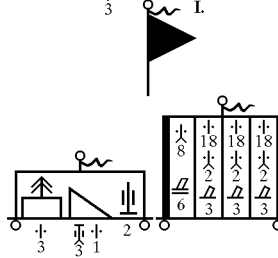
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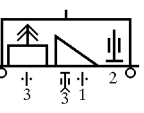
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I. 

22. 

2+4. 

2+4. 

2. 

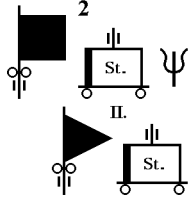
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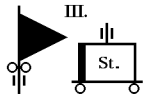
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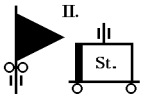
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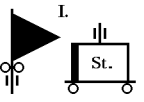
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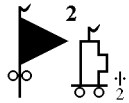
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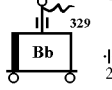
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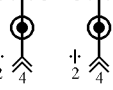
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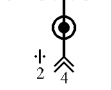
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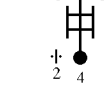
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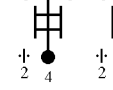
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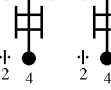
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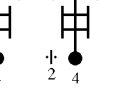
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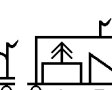
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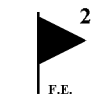
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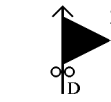
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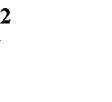
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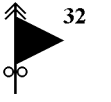
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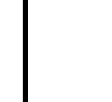
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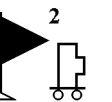
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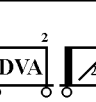
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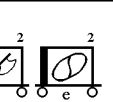
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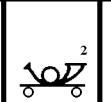
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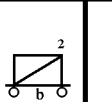
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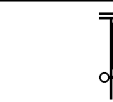
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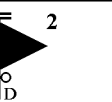
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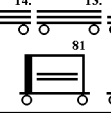
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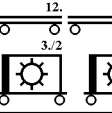
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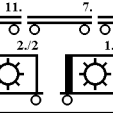
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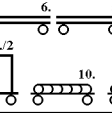
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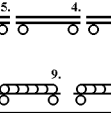
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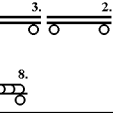
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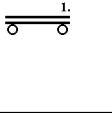
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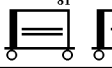
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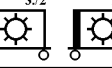
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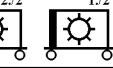
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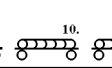
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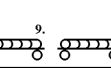
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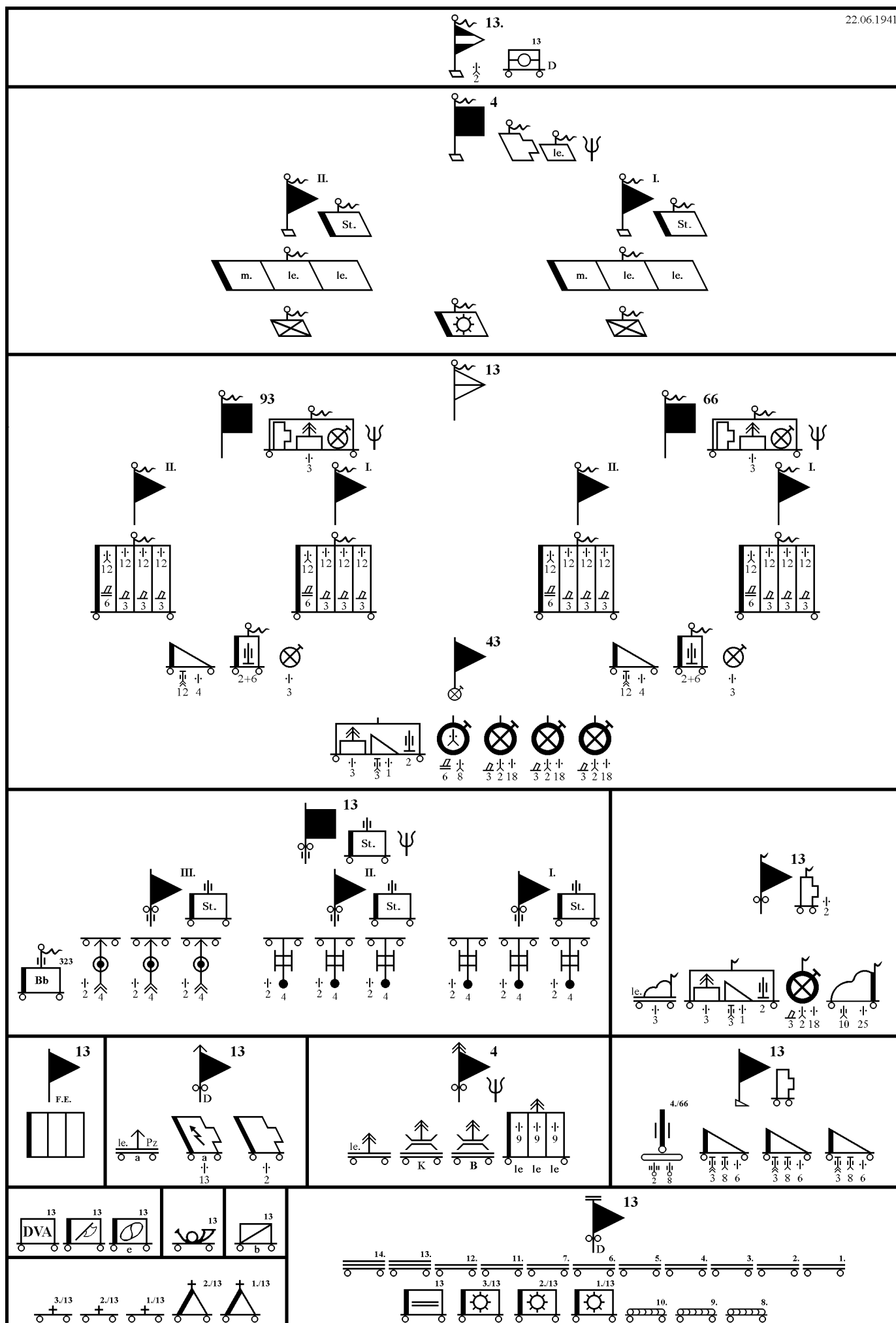
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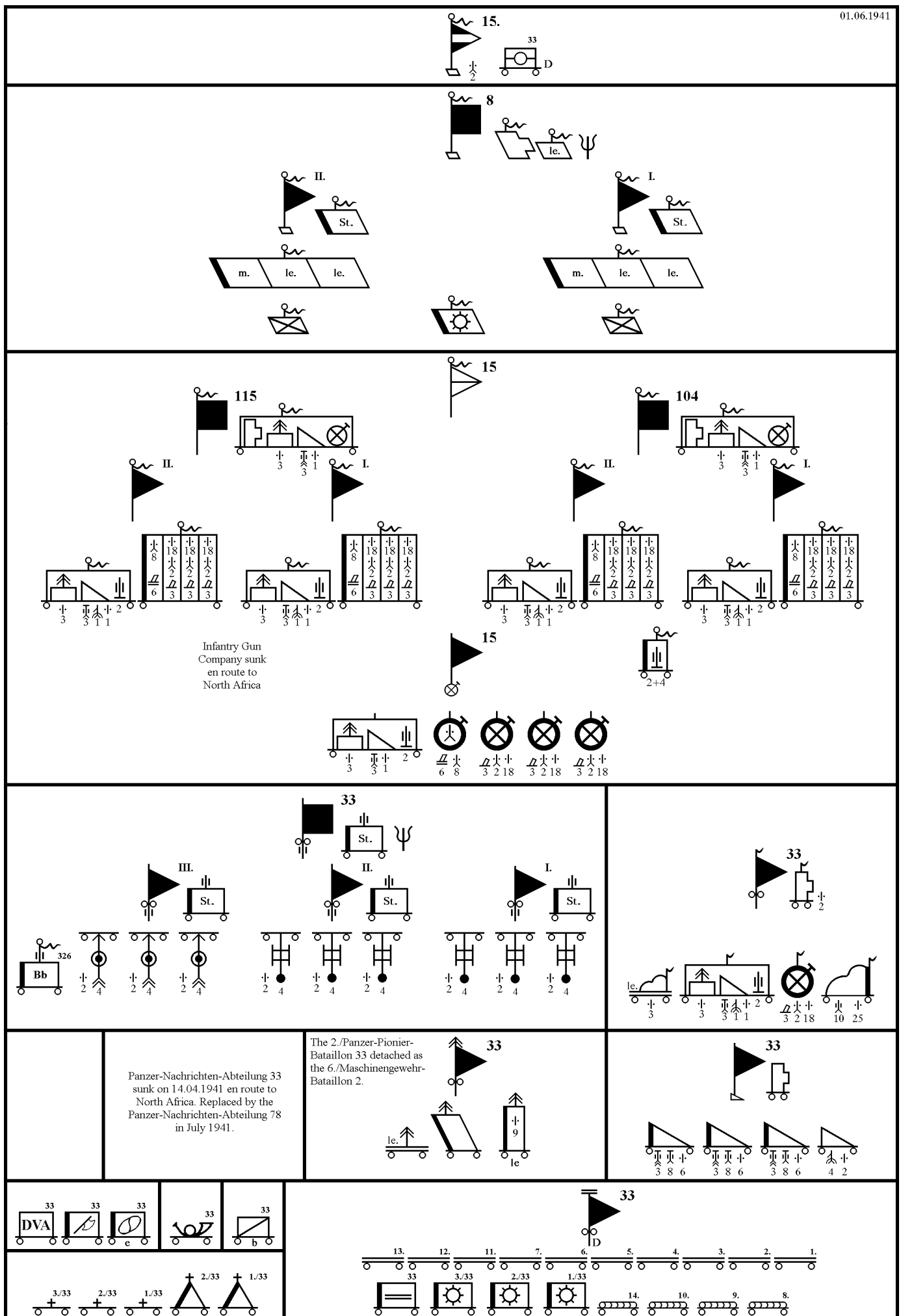
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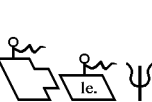


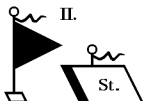
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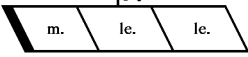
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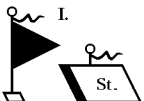
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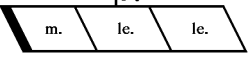
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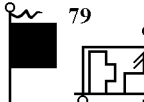
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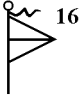
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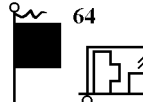
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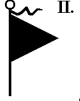
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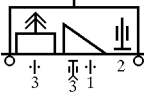
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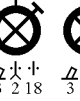
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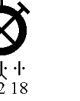
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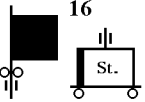
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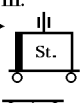
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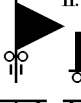
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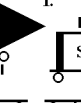
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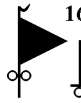
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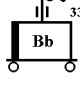
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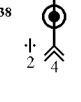
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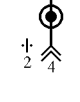
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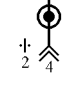
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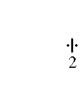
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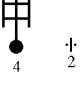
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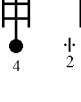
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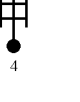
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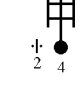
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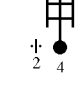
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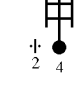
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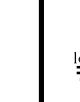
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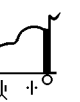
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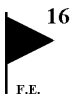
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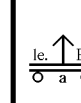
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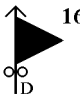
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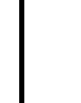
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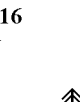
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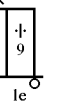
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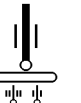
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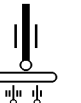
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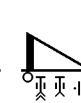
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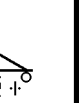
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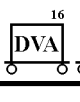
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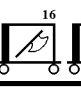
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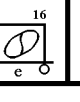
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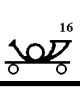
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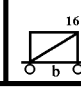
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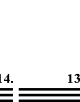
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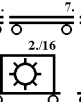
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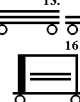
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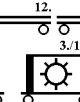
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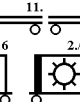
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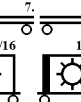
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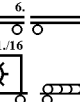
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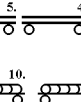
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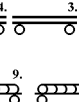
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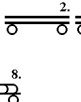
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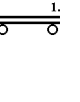
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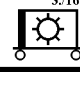
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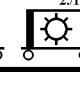
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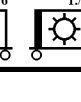
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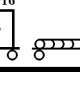
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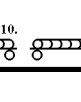
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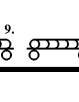
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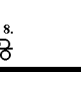
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1/16 

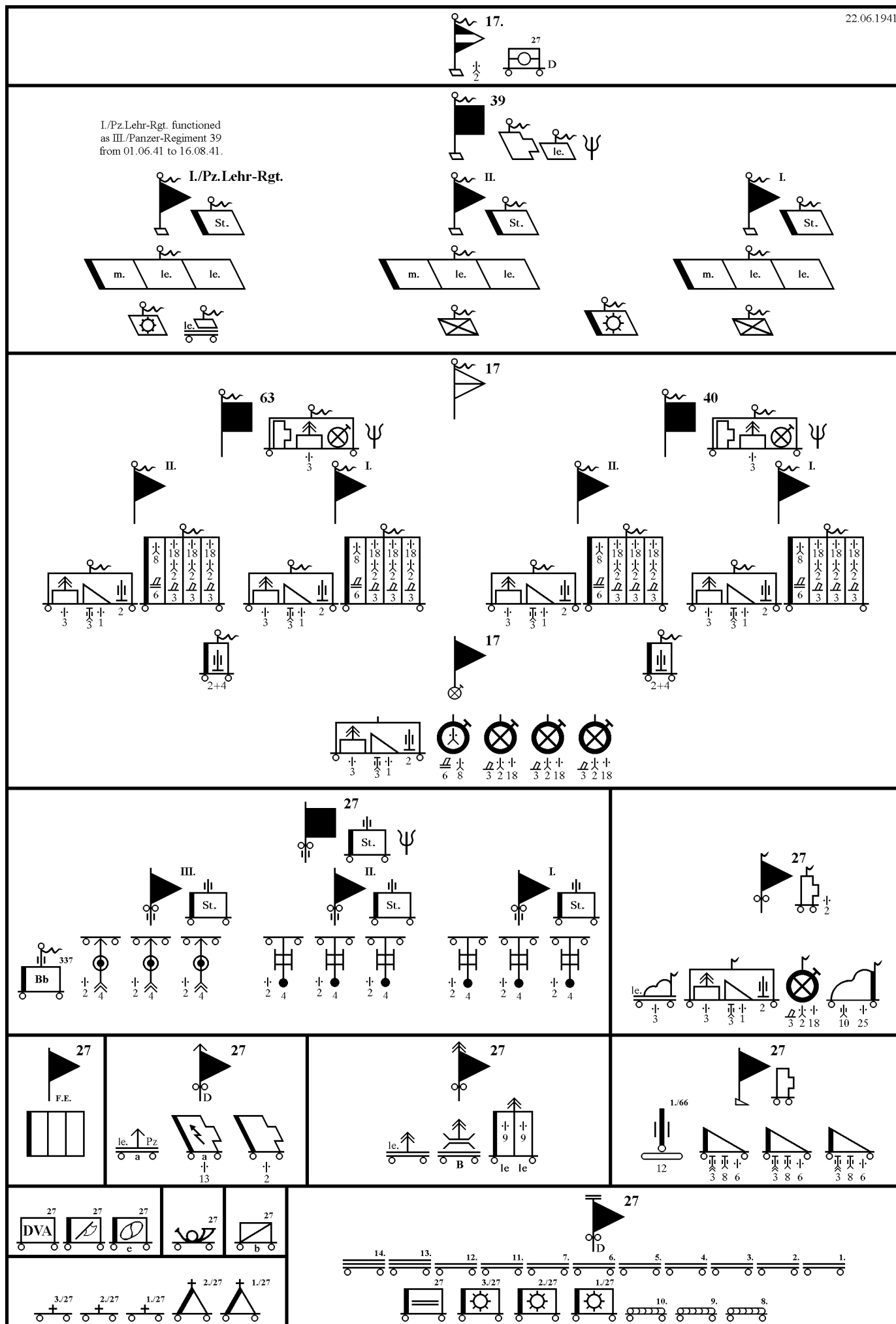
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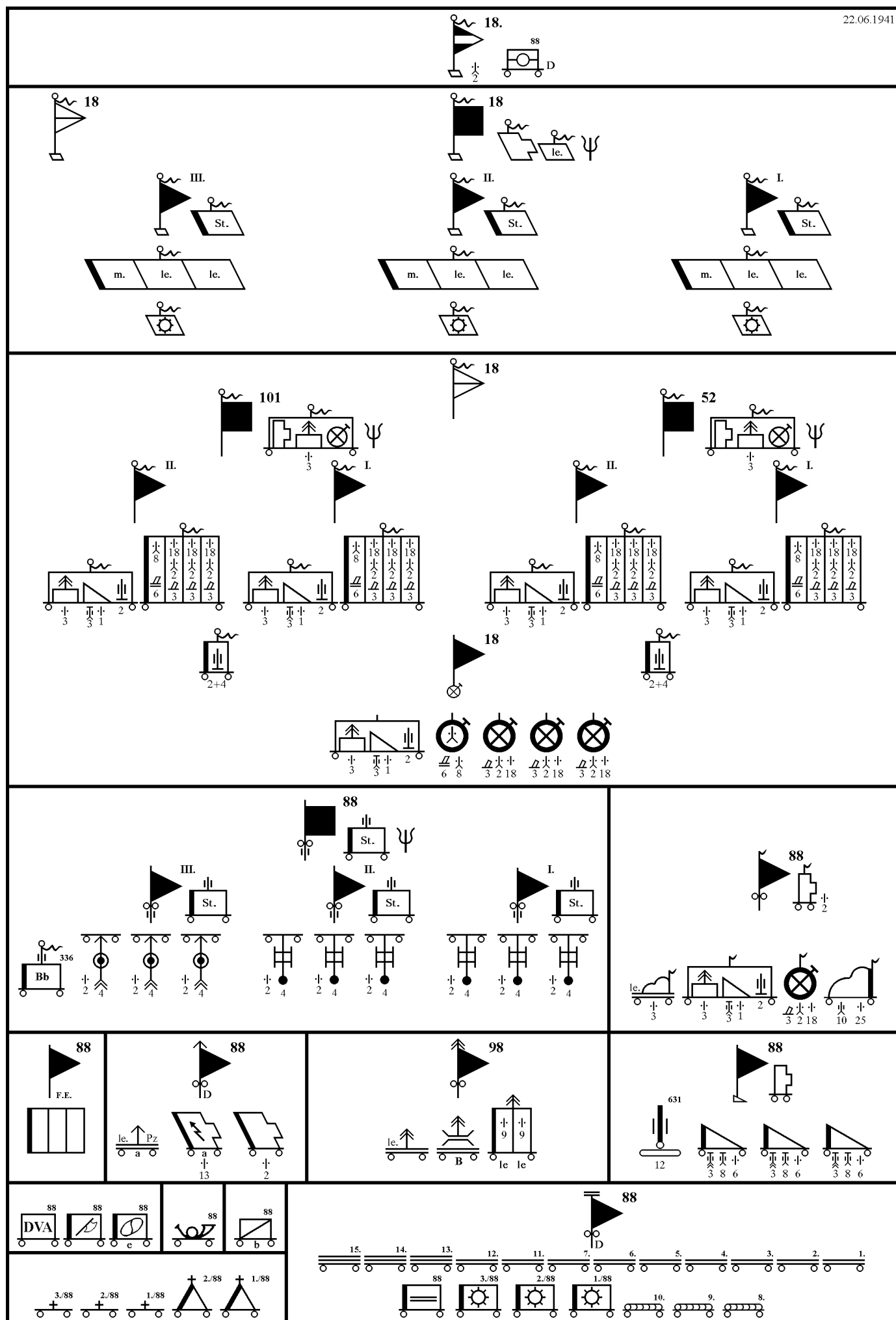
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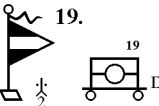
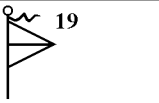
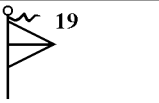
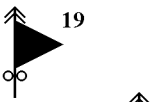
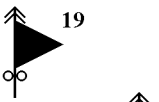
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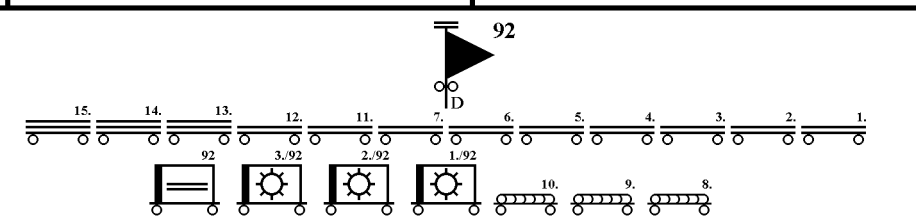
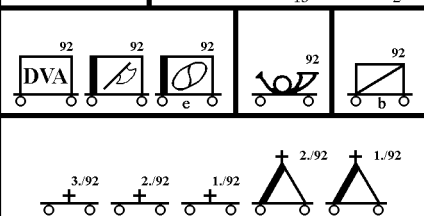
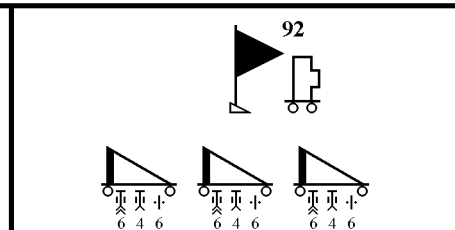
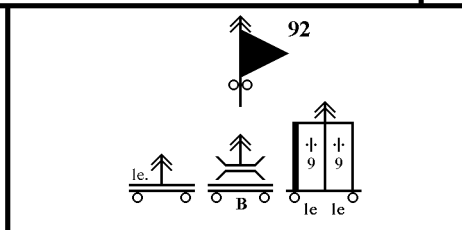
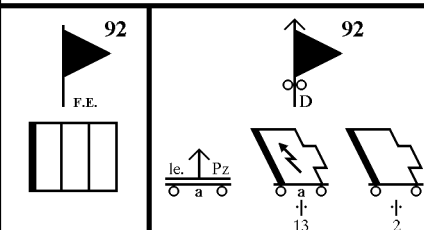
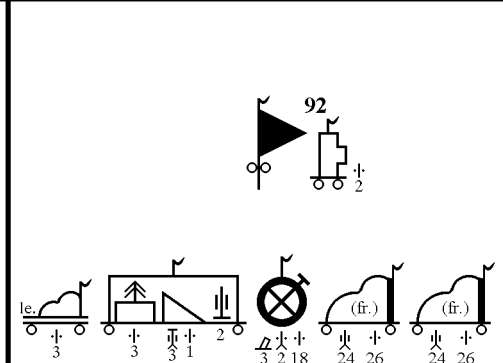
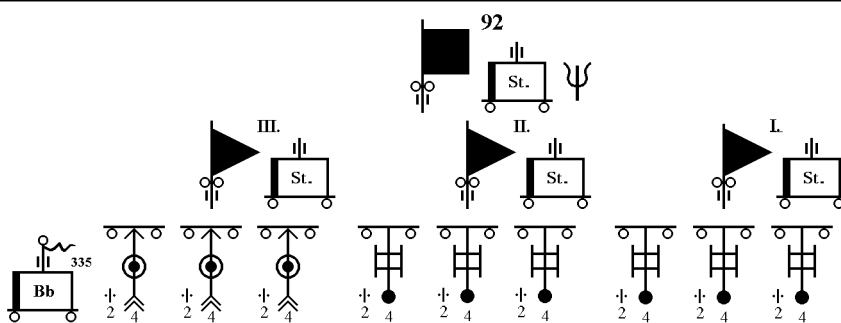
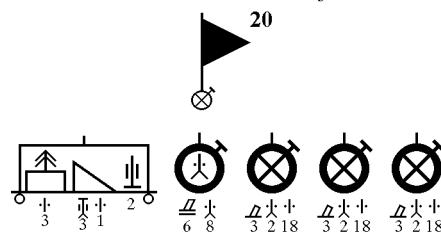
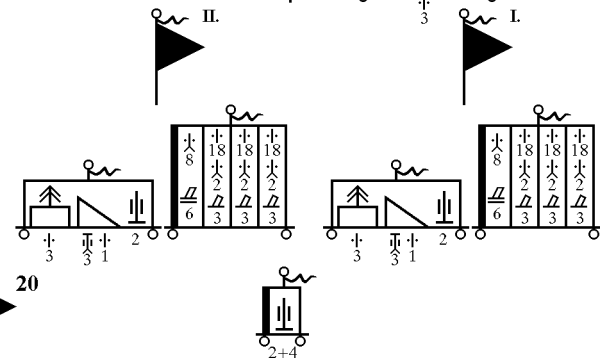
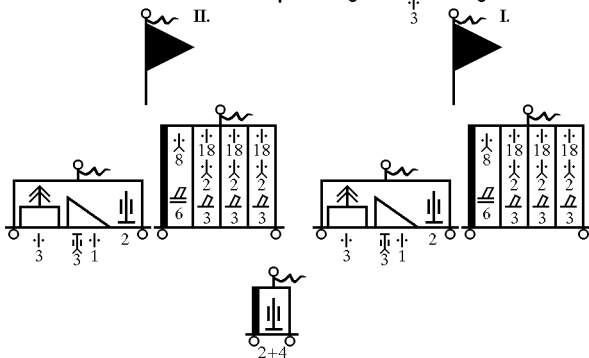
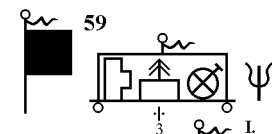
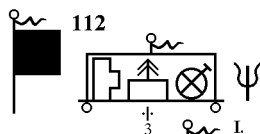
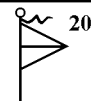
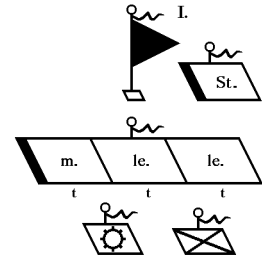
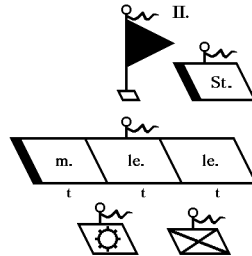
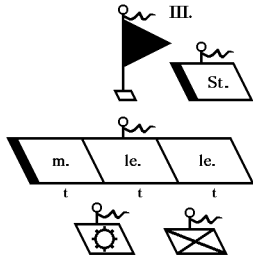
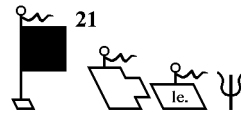
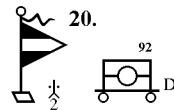


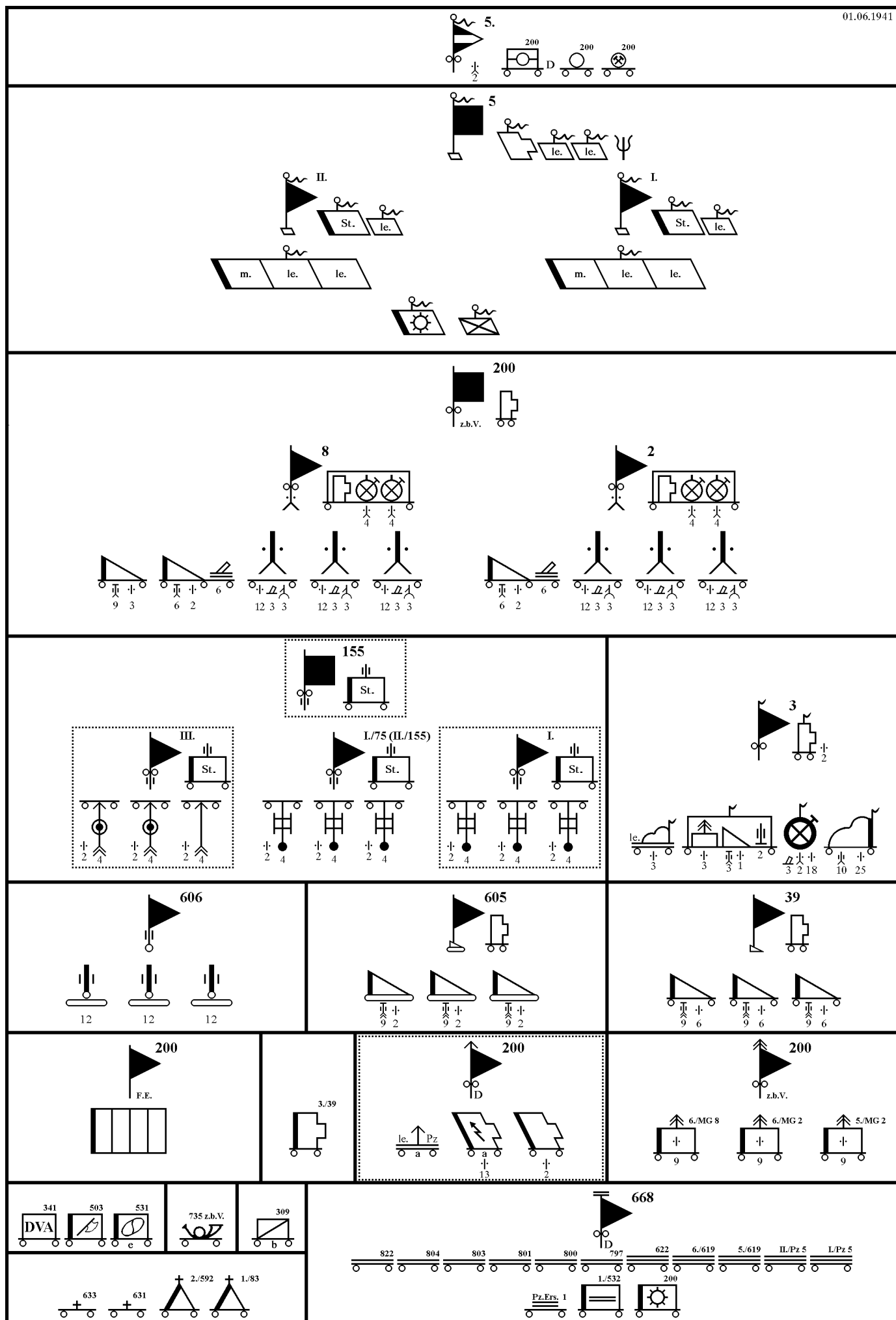


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|---|--|---|--|
|  | | 22.06.1941 | |
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|  | |  | |
|  | |  | |
|  | |  | |

Equipped predominantly with French motor vehicles.

22.06.1941





5. leichte Division (motorisiert)

NOTES:

The 5. leichte Division (motorisiert) in North Africa had originally been designated as *Sperrverband Libyen* (Blocking Force Lybia). As the name indicates, it was considered as a strong tactical, defensive force, (until Rommel decided otherwise, that is), and not as an operational formation, conceived to strengthen the Italian forces in Libya. The 5th Light Mechanized Division, although a non-standard formation, consisted of modular KStN units. On 01.08.1941, it was redesignated as the 21. Panzer-Division, although in fact it still did not have not a standard organization. Specifically, it had insufficient infantry.

5. Leichte Division (mot) unit 22.06.41

Headquarters, 5. leichte Division (mot)

5. Panzer-Regiment

Headquarters, 200. Infanterie-Regiment (mot) z.b.V.

2. MG Battalion (mot)

8. MG Battalion (mot)

155. Artillerie-Regiment (mot) ¹I./155. Artillerie-Regiment (mot) (as of 31.05.41) ¹⁾

II./155. Artillerie-Regiment (mot) (as of 05.06.41)

III./155. Artillerie-Regiment (mot) (as of 25.05.41) ¹⁾

3. Aufklärungs-Abteilung

39. Panzerjäger-Abteilung

605. Panzerjäger-Abteilung (mot S)

606. Fla-Battalion (mot)

Headquarters, 200. Pionier-Bataillon (mot) z.b.V.

6. Pion./8. MG-Battalion (mot)

5. Pion./2.MG-Battalion (mot)

6. Pion./2. MG-Bataillon (mot)

200. Panzer-Nachrichten-Abteilung

1./200. Panzer-Nachrichten-Abteilung

2./200. Panzer-Nachrichten-Abteilung

668. Divisions-Nachschubführer zbV

Kw.Kolonne, I./PzRgt 5

Kw.Kolonne, II./PzRgt 5

5./619. Nachschubkolonnen-Abteilung

6./619. Nachschubkolonnen-Abteilung

622. Kw. Kolonne

797. Kw. Kolonne

800. Kw. Kolonne

801. Kw. Kolonne

803. Kw. Kolonne

804. Kw. Kolonne

822. Kw. Kolonne

200. Werkstatt-Kompanie (mot)

1./532. Nachschub-Bataillon (mot)

1. Panzer-Ersatzteil-Staffel (mot)

341. Verpflegungsamt (mot)

531. Schachtere-Kompanie (mot)

1./83. Sanitäts-Kompanie (mot)

2. Sanitäts-Kompanie/592. Armee-Sanitäts-Abteilung (mot)

4. Sanitäts-Kompanie /572. Armee-Sanitäts-Abteilung (mot)

631. Krankentransport-Zug (mot)

633. Krankentransport-Zug (mot)

877. Filtergerät-Kolonne (mot)

309. Feldgendarmarie-Trupp (mot)

735. Feldpostamt (mot) z.b.V.

Original designation and origin

Headquarters, 3. Panzer-Brigade (3. Pz Div)

5. Panzer-Regiment (3. Pz Div)

new

2. MG-Battalion (mot) Heerestruppen

8. MG Battalion (mot) Heerestruppen

new

864. s.Artillerie-Abteilung (mot) (Heerestruppen)

I./Artillerie-Regiment (mot) 75 (3. Pz Div)

911. s.Artillerie-Abteilung (mot) (Heerestruppen)

3. Aufklärungs-Abteilung (3. Pz Div)

39. Panzerjäger-Abteilung (3. Pz Div)

605. Panzerjäger-Abteilung (sfl) (Heerestruppen)

606. Fla-Battalion (sfl) (Heerestruppen)

new

6. Pion./8. MG-Battalion (mot) (Heerestruppen)

2./39. Panzer-Pionier-Battalion (mot) (3. Pz Div)

2./33. Panzer-Pionier-Battalion (mot) (15. Pz Div)

(new – to be raised on 01.08.41)

(new – to be raised on 01.08.41)

3./Panzer-Nachrichten-Abteilung 39 (3. Pz Div)

new

Kw.Kolonne, I./PzRgt 5 (3. Pz Div)

Kw.Kolonne, II./PzRgt 5 (3. Pz Div)

5./619. Nachschubkolonnen-Abteilung (Heerestruppen)

6./619. Nachschubkolonnen-Abteilung (Heerestruppen)

622. Kw. Kolonne (Heerestruppen)

797. Kw. Kolonne (Heerestruppen)

800. Kw. Kolonne (Heerestruppen)

801. Kw. Kolonne (Heerestruppen)

803. Kw. Kolonne (Heerestruppen)

804. Kw. Kolonne (Heerestruppen)

822. Kw. Kolonne (Heerestruppen)

200. Werkstatt-Kompanie (mot) (Heerestruppen)

1./532. Nachschub-Bataillon (mot) (Heerestruppen)

new

341. Verpflegungsamt (mot) (311. Inf'Div)

531. Schachtere-Kompanie (mot) (Heerestruppen)

1./83. Sanitäts-Kompanie (mot) (3. Pz Div)

2./592. Armee-Sanitäts-Abteilung (mot) (Heerestruppen)

4./572. Armee-Sanitäts-Abteilung (mot) (Heerestruppen)

631. Krankentransport-Zug (mot) (Heerestruppen)

633. Krankentransport-Zug (mot) (Heerestruppen)

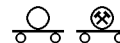
877. Filtergerät-Kolonne (mot) (Heerestruppen)

309. Feldgendarmarie-Trupp (mot) (309. Inf Div)

735. Feldpostamt (mot) z.b.V. (Heerestruppen)

1) The Headquarters, I./ and III./155. Artillerie-Regiment were Africa Corps units, and not subordinated to the 5. leichte Division (mot) at this time.

STAB, PANZER-DIVISION **Headquarters, Armored Division**



KStN 51 *)
1.02.1941

Headquarters, Armored Division

Div Hqs:
Command Staff (*Ia*):
Command Staff (*Ic*):
Quartermaster Staff (*Ib*):
Commissary Staff (*IVa*):
Medical Staff (*IVb*):
Adjutant Staff (*IIa*):
Advocate General Staff (*III*):
Field Bishop (*V*):
Headquarters Detachment
Commandant:
Supply Sect:
Baggage Sect:
Divisional Guards Sect: 2 HMG.
Motor Pool: 2 mcl; 2 cars (light); 3 cars (medium); 4 cars (11); 1 car (21);
4 trucks (light); 1 truck (medium); 2 vans (ambulance);
2 buses (light); 1 bus (heavy – converted to command office vehicle).

KStN 2076
1.02.1941

Motorized Divisional Mapping Detachment

Det: 1 car (1); 1 bus (light – converted to office use).

KStN 2074
01.10.1937

Motorized Printing Platoon

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

KStN 2082 *)
1.02.1941

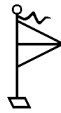
Motorized Military Geologist Section

Sect: 4 cars (light); 2 trucks (medium); 1 van (medium).

| Division | Pz Brig | Pz Rgt | Inf Brig | Inf Rgt | Inf Rgt | Mcl Bn | Art Rgt | Recon Bn | AT Bn | AA Co | Engr Bn | Signal Bn | Div Services | Commander |
|------------------|---------|--------|----------|---------|---------|--------|---------|----------|-------|--------|---------|-----------|--------------|--|
| 1. Panzer | – | 1 | 1 | 1 | 113 | 1 | 73 | 4 | 37 | 2./59 | 37 | 37 | 81 | Gen.Maj. Friedrich Kirchner |
| 2. Panzer | 2 | 3 | 2 | 2 | 304 | 2 | 74 | 5 | 38 | 2./47 | 38 | 38 | 82 | Gen.Lt. Rudolf Veiel |
| 3. Panzer | 5 | 6 | 3 | 3 | 394 | 3 | 75 | 1 | 543 | 6./59 | 39 | 39 | 83 | Gen.Lt. Walter Model |
| 4. Panzer | – | 35 | 4 | 12 | 33 | 34 | 103 | 7 | 49 | 5./66 | 79 | 79 | 84 | Gen.Maj. von Langermann & Erlenkamp |
| 5. Panzer | – | 31 | 5 | 13 | 14 | 55 | 116 | 8 | 53 | 2./55 | 89 | 77 | 85 | Gen.Maj. Gustav Fehn |
| 6. Panzer | – | 11 | 6 | 4 | 114 | 6 | 76 | 57 | 41 | 3./46 | 57 | 82 | 57 | Gen.Maj. Franz Landgraf |
| 7. Panzer | – | 25 | 7 | 6 | 7 | 7 | 78 | 37 | 42 | 3./59 | 58 | 83 | 58 | Gen.Maj. Hans Frhr. von Funck (acting) |
| 8. Panzer | – | 10 | 8 | 8 | 28 | 8 | 80 | 59 | 43 | 4./48 | 59 | 84 | 59 | Gen.Maj. Erich Brandenburger |
| 9. Panzer | – | 33 | 9 | 10 | 11 | 59 | 102 | 9 | 50 | 3./47 | 86 | 85 | 60 | Gen.Lt. Dr. Alfred, Ritter von Hubicki |
| 10. Panzer | 4 | 7 | 10 | 69 | 86 | 10 | 90 | 90 | 90 | 3./55 | 59 | 90 | 90 | Gen.Lt. Ferdinand Schaal |
| 11. Panzer | – | 15 | 11 | 110 | 111 | 61 | 119 | 231 | 61 | 1./608 | 209 | 341 | 61 | Gen.Maj. Ludwig Crüwell |
| 12. Panzer | – | 29 | 12 | 5 | 25 | 22 | 2 | 2 | 2 | 4./52 | 32 | 2 | 2 | Gen.Maj. Josef Harpe |
| 13. Panzer | – | 4 | 13 | 66 | 93 | 43 | 13 | 13 | 12 | 4.&77 | 4 | 13 | 13 | Gen.Lt. F.W. von Rothkirch & Panthen |
| 14. Panzer | – | 36 | 14 | 103 | 108 | 64 | 4 | 40 | 4 | 2./608 | 13 | 4 | 4 | Gen.Maj. Friedrich Kühn |
| 15. Panzer | – | 8 | 15 | 104 | 115 | 15 | 33 | 33 | 33 | – | 33 | – | 33 | Gen.Maj. Walter Neumann-Silkow |
| 16. Panzer | – | 2 | 16 | 64 | 79 | 16 | 16 | 16 | 16 | 6./66 | 16 | 16 | 16 | Gen.Maj. Hans-Valentin Hube |
| 17. Panzer | – | 39 | 17 | 40 | 63 | 17 | 27 | 27 | 27 | 1./66 | 27 | 27 | 27 | Gen.Lt. Hans-Jürgen von Arnim |
| 18. Panzer | 18 | 18 | 18 | 52 | 101 | 18 | 88 | 88 | 88 | 631 | 98 | 88 | 88 | Gen.Maj. Walther Nehring |
| 19. Panzer | – | 27 | 19 | 73 | 74 | 19 | 19 | 19 | 19 | – | 19 | 19 | 19 | Gen.Lt. Otto von Knobelsdorff |
| 20. Panzer | – | 21 | 20 | 59 | 112 | 20 | 92 | 92 | 92 | – | 92 | 92 | 92 | Gen.Lt. Horst Stumpff |
| 5. Leichte (mot) | – | 5 | – | 200 | – | – | 155 | 3 | 39 | – | 200 | 200 | 200 | Gen.Maj. Johann von Ravenstein |

STAB, PANZER-BRIGADE

Tank Brigade Headquarters



KStN 53 *) Headquarters, Tank Brigade
 1.02.1941 Brig Hqs: 3 mcl; 4 mcl w/sc; 1 car (1); 1 car (11); 1 car (21).
 Hqs Trains: 1 mcl; 1 car (15); 1 truck (light); 3 trucks (2-ton).

NOTES:

There were four Panzer Divisions which still had Tank brigade headquarters. The need for them was past, as the new organization for Panzer Divisions only foresaw one regiment instead of two. In 1941, these headquarters were usually given independent missions outside of the divisions, such as leading special Kampfgruppen composed of units drawn from various sources. For example, the 18. Panzer-Brigade was charged with managing operations by the special amphibious tanks.

The remaining brigade headquarters were:

| Panzer Division | Panzer Brigade | Comments |
|-----------------|----------------|---------------------------------|
| 2. | 2. | Becomes independent on 01.07.41 |
| 3. | 5. | Dissolved 21.02.42 |
| 10. | 4. | Dissolved 13.11.41 |
| 18. | 18. | Dissolved 23.07.41 |

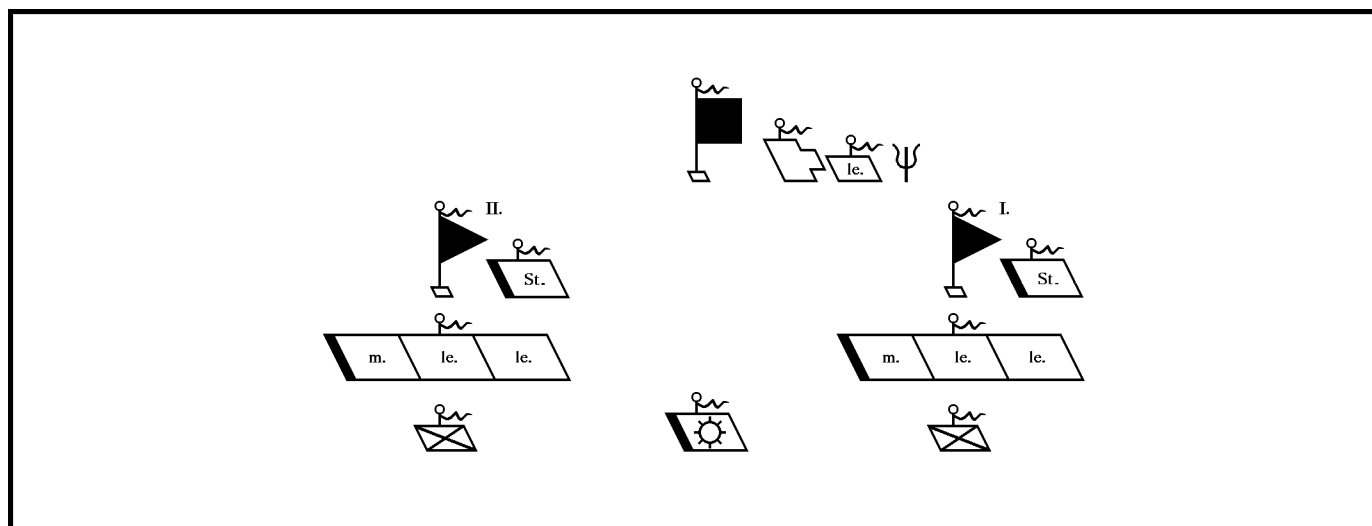
| Tank Strengths of Panzer Divisions on 22.06.41 | | | | | | | | | | |
|--|------|-------|------------------|------------------|------------------|----------|----------|-------|--------|---------------|
| AFV | Pz-I | Pz-II | Pz-II
(Flamm) | Pz-III
(37mm) | Pz-III
(50mm) | Pz-35(t) | Pz-38(t) | Pz-IV | Bef-Pz | Unit
Total |
| 1. Panzer-Division | – | 43 | – | – | 71 | – | – | 20 | 11 | 145 |
| 2. Panzer-Division | – | – | – | – | – | – | – | – | – | 0 |
| 3. Panzer-Division | – | 58 | – | 29 | 81 | – | – | 32 | 15 | 215 |
| 4. Panzer-Division | – | 43 | – | 31 | 74 | – | – | 20 | 8 | 176 |
| 5. Panzer-Division | – | – | – | 17 | – | – | – | 6 | – | 23 |
| 6. Panzer-Division | – | 47 | – | – | – | 155 | – | 30 | 13 | 245 |
| 7. Panzer-Division | – | 53 | – | – | – | – | 167 | 30 | 15 | 265 |
| 8. Panzer-Division | – | 49 | – | – | – | – | 118 | 30 | 15 | 212 |
| 9. Panzer-Division | 8 | 32 | – | 11 | 60 | – | – | 20 | 12 | 143 |
| 10. Panzer-Division | – | 45 | – | – | 105 | – | – | 20 | 12 | 182 |
| 11. Panzer-Division | – | 44 | – | 24 | 47 | – | – | 20 | 8 | 143 |
| 12. Panzer-Division | 40 | 33 | – | – | – | – | 109 | 30 | 8 | 220 |
| 13. Panzer-Division | – | 45 | – | 27 | 44 | – | – | 20 | 13 | 149 |
| 14. Panzer-Division | – | 45 | – | 15 | 56 | – | – | 20 | 11 | 147 |
| 15. Panzer-Division * | – | 28 | – | – | 26 | – | – | 13 | ? | ? |
| 16. Panzer-Division | – | 45 | – | 23 | 48 | – | – | 20 | 10 | 146 |
| 17. Panzer-Division | 12 | 44 | – | – | 106 | – | – | 30 | 10 | 202 |
| 18. Panzer-Division | 6 | 50 | – | 99 | 15 | – | – | 36 | 12 | 218 |
| 19. Panzer-Division | 42 | 35 | – | – | – | – | 110 | 30 | 11 | 228 |
| 20. Panzer-Division | 44 | 31 | – | – | – | – | 121 | 31 | 2 | 229 |
| 5. Leichte Division (mot) * | 19 | 8 | – | – | 33 | – | – | 9 | ? | ? |

NOTES:

(*) The strength reports of 15. Panzer-Division and the 5. leichte Division (mot) indicate ready **armed** tanks on **20.06.1941**.

The 2. and 5. Panzer-Division had just returned from the Balkans and were pretty well used up – apparently most of the tanks were returned to the factories for overhaul.

PANZER-REGIMENT Tank Regiment



KStN 1103(Sd) Headquarters, Tank Regiment

1.02.1941

Rgt Hqs: 4 mcl; 2 mcl w/sc; 2 cars (15); 1 car (21).

Rgt Hqs Main Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (3-ton).

Rgt Hqs Trains: 1 mcl w/sc; 1 car (light); 1 car (15); 2 trucks (light); 2 trucks (2-ton); 2 truck (3-ton).

Band: 1 bus (32 seats)

KStN 1194(Sd) Signal Platoon, Tank Regiment

1.02.1941

Plt Hqs: 1 mcl w/sc; 1 car (light); 1 car (15); 2 vans (17/1); 1 Pz-III (141).

Armored Signal Det: 2 Bef-Pz-III (267).

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

Reserve Crew Section: 1 truck (2-ton).

KStN 1168(Sd) Light Tank Platoon

1.02.1941

Platoon: 1 mcl; 5 Pz-II (121).

Reserve Crew Section: 1 truck (2-ton).

KStN 1187 *) Motorized Tank Maintenance Company, Tank Regiment

1.02.1941

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

2 Workshop Plt: 1 car (light); 2 trucks (medium); 1 light truck (2-ton); 1 truck (3-ton); 2 workshop vans (79); 4 halftracks (7); 1 halftrack (9); 1 trailer (generator); 1 trailer (10-ton/light tank); 4 trailers (22-ton/medium tank).

Armorer Sect: 2 trucks (light).

Signal Maint Sect: 2 trucks (2-ton); 1 battery van (42); 1 trailer (generator for batteries).

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

NOTES:

There were two main types of tank regiments. One with German tanks, the other with Czech tanks. The organizations based on the same set of KStN, but the Pz-III, in both gun (Sd.Kfz. 141) and command (Sd.Kfz. 266, Sd.Kfz. 267) variants, were replaced by Czech tanks.

There were four battalions of amphibious German tanks.

Probably most Reserve Tank Detachments were not filled up at the eve of the Barbarossa Campaign, as it has not been possible to prove that the Panzer-Staffel (reserve tank detachments) were either authorized or issued their KStN allotment of tanks. The "on-hand" strength reports indicate that some 90% of the Panzer Regiments had only enough tanks to fill up to normal KStN allotments.

Although the KStN for the medium tank companies foresaw three Pz-IV platoons (i.e. 14 tanks), none of these companies had more than two Pz-IV platoons (i.e. 10 tanks). There was a note published with the KStN 1175(Sd) that the 3rd platoon required special authorization, which was not issued at this time.

There was a shortage of Pz-II (Sd.Kfz. 121) to complete the authorized number in the Panzer Regiments. In some cases, these shortages were apparently at least partially filled up with Pz-I (Sd.Kfz. 101).

In combat situations, the band members were used as stretcher bearers.

Regiments with German tanks on 22.01.1941

| Div. | Rgt. | Maintenance | Ist Bn | IIInd Bn | IIIrd Bn |
|-------|-----------------|-------------------|------------------|------------------|------------------|
| 1. | 1. | Company | 2+1 | 2+1 | — |
| 2. | 3. | Company | 2+1 | 2+1 | — |
| 3. | 6. | Company | 2+1 | 2+1 | 2+1 ^T |
| 4. | 35. | Company | 3+1 | 3+1 | — |
| 5. | 31. | Company | 2+1 | 2+1 | — |
| 9. | 33. | Company | 2+1 | 2+1 | — |
| 10. | 7. | Company | 3+1 | 3+1 | — |
| 11. | 15. | Company | 2+1 | 2+1 | — |
| 13. | 4. | Company | 2+1 | 2+1 | — |
| 14. | 36. | Company | 2+1 | 2+1 | — |
| 15. | 8. | Company | 2+1 | 2+1 | — |
| 16. | 2. | Company | 2+1 | 2+1 | — |
| 17. | 39. | Company + Platoon | 2+1 | 2+1 | — |
| 18. | 18. | 3 Platoons | 2+1 ^T | 2+1 ^T | 2+1 ^T |
| 5. Lt | 5. ² | Company | 2+1 ² | 2+1 ² | — |

T) Equipped with amphibious tanks.

2) The regiment and the battalion headquarters each had an additional light tank platoon equipped with Pz-I (Sd.Kfz. 101).

PANZER-REGIMENT Tank Regiment (German Tanks)

KStN 1107(Sd) Headquarters, Tank Battalion

1.02.1941 Bn Hqs: 2 mcl; 1 mcl w/sc; 1 car (light); 3 cars (15).
Bn Admin & Supply Sect: 1 mcl w/sc; 1 car (light); 1 car (15).
Bn Hqs Trains: 1 truck (light).

KStN 1150(Sd) Headquarters Company, Tank Battalion

1.02.1941 Co Hqs: 3 mcl; 1 car (15).
Lt Tank Plt: 1 mcl; 5 Pz-II (121).
Signal Plt: Hqs Sect: 1 mcl; 1 car (15); 1 Pz-III (141).
Armored Signal Det: 2 Bef-Pz-III (266).
2 Lt Tele Sect c: 1 car (15).
Scout Plt: Hqs Sect: 3 mcl; 1 car (1).
4 Scout Sect: 1 mcl; 2 mcl w/sc; 1 LMG.
Engr Plt: Hqs Sect: 1 mcl; 1 car (15).
4 Engr Sect: 1 truck (3-ton); 1 Engineer Section w/ 1 LMG.
AA Plt: Hqs Sect: 1 mcl.
4 AA Sect: 1 AAMG car (4).
Co Main Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (3-ton).
Reserve Crew Section: 1 truck (2-ton).
Bn Commissary Sect: 1 car (light); 2 trucks (medium).
Co Trains: 2 mcl w/sc; 1 car (15); 1 truck (light); 3 trucks (2-ton); 6 trucks (3-ton); 1 ambulance (31); 1 armored ambulance (251/8).

KStN 1178(Sd) Reserve Tank Detachment

1.02.1941 Det: 1 mcl w/sc; 2 Pz-II (121); 3 Pz-III (141); 1 Pz-IV (161).

KStN 1183(Sd) Light Column, Tank Battalion

1.02.1941 Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (15).
1 Sect: 1 mcl; 8 trucks (3-ton).
2 Sect: 8 trucks (3-ton).
Col Maint Sect: 1 mcl w/sc; 1 car (2/40).
Col Trains: 1 truck (light); 1 truck (2-ton).

KStN 1185 *) Motorized Tank Maintenance Platoon

1.02.1941 Plt Hqs: 1 mcl w/sc; 1 car (light).
Maint Det: 1 mcl w/sc; 1 car (light); 2 trucks (medium); 1 truck (1.5-ton); 1 truck (3-ton); 1 van (79); 4 halftracks (7); 1 halftrack (9);
1 trailer (generator); 1 trailer (light tank); 4 trailers (heavy tank).
Armorer Sect: 1 truck (light).
Signal Maint Sect: 1 truck (1.5-ton); 1 van (42); 1 trailer (generator).
Plt Trains: 1 mcl w/sc; 1 car (light); 2 trucks (light).

KStN 1171(Sd) Light Tank Company

1.02.1941 Co Hqs: 3 mcl; 1 car (15); 5 Pz-II (121); 2 Pz-III (141).
3 Tank Plt: 5 Pz-III.
Reserve Crew Section: 3 trucks (2-ton).
Co Maint Sect: 3 mcl w/sc; 1 car (2/40); 1 truck (3-ton); 2 halftracks (10).
Co Trains: 2 mcl w/sc; 1 car (15); 1 truck (medium); 9 trucks (3-ton).

KStN 1175(Sd) Medium Tank Company

1.02.1941 Co Hqs: 3 mcl; 1 car (15); 5 Pz-II (121); 2 Pz-IV (161).
2 Tank Plt: 4 Pz-IV (161).
Reserve Crew Section: 3 trucks (2-ton).
Co Maint Sect: 3 mcl w/sc; 1 car (2/40); 1 truck (3-ton); 2 halftracks (10).
Co Trains: 2 mcl w/sc; 1 car (15); 1 truck (medium); 9 trucks (3-ton).

Amphibious Tanks

Amphibious tanks were designated to be launched from landing craft for the invasion of England (*Unternehmen Sealöwe* – Operation Sea Lion). Although the invasion was cancelled, the tanks were used during the initial phase of Operation Barbarossa for crossing rivers into the Soviet Union.

The III./Panzer-Regiment 6 (3. Panzer-Division) as well as the I., II., III./Panzer-Regiment 18 (18. Panzer-Division) were equipped with Tauch-Panzer. Although the battalions initially had three mixed companies, this was changed to the normal two light and one medium company organization after Guderian visited the 18. Panzer-Division on 17.04.1941. This change was also applied to the III./Panzer-Regiment 6.

Pz-II mit Schwimmkörper (Pz-II with Floatation Devices)

This Schimm-Panzer-II was a slightly modified Pz-II which enabled it to be fitted with a floatation kit, which consisted of a long float on each side and a row-boat-shaped on at the bow. When not fitted to the Pz-II, the three floats were transported on 4-wheel trailers. The side floatation tanks had a series of gears and drive shafts within them, connected to the drive sprockets of the tracks, which in turn led to a propeller in the rear of the tanks on each side. The turret was waterproofed by an inflatable rubber tube fitted between turret and turret ring. The 20mm gun and the MG could be fired while the PZ-II was in the water. Water speed was 10 km/h. Fifty two kits were built.

Pz-III als Tauchpanzer (Pz-III as Diving Tank)

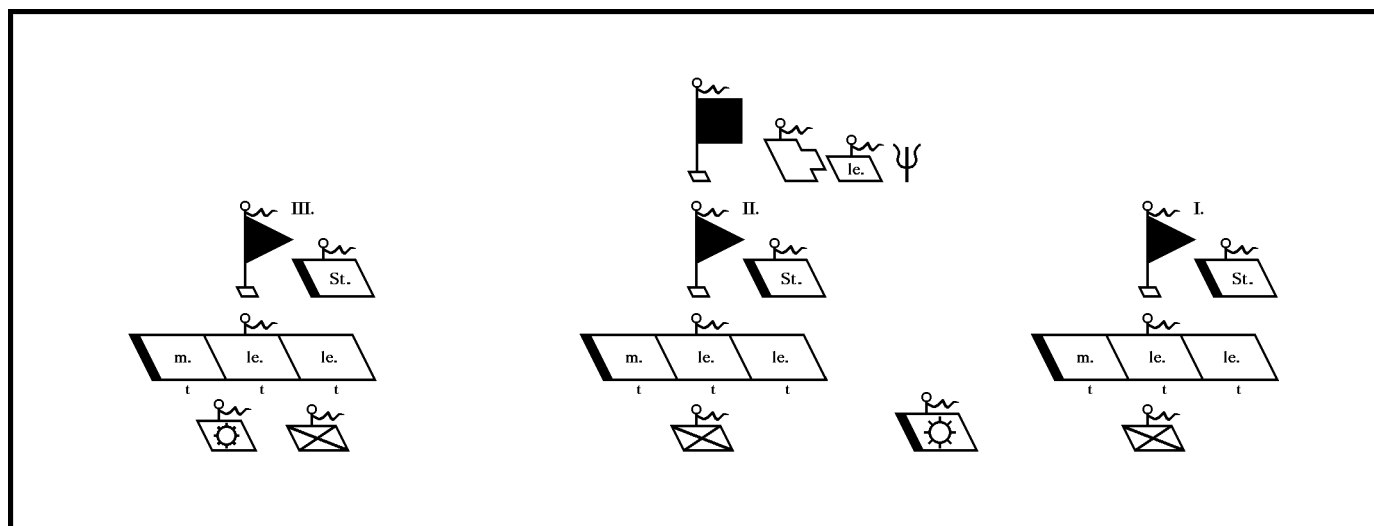
Pz-IV als Tauchpanzer (Pz-IV as Diving Tank)

Although the literal translation as given about is Diving Tank, a more correct designation would be Wading Tank, as the Tauch-Panzer were initially designed to drive along the bottom of the sea toward a beach at a depth of up to 15 meters.

The medium tanks were prepared by sealing off all apertures, vision slits, hatches, etc. of the hull and turret. The turret was waterproofed by an inflatable rubber tube acting as a seal, between turret and turret ring. The engine was waterproofed and provided with an 18-meter rubber hose attached to a small buoy, also carrying a radio antenna. The exhaust pipes were fitted with sprung flaps which prevented the water from entering, but allowed the exhaust fumes to escape. The hatches and guns were covered by rubberized canvas, fitted with explosives which removed the coverings when the tank emerged from the water, thereby allowing the Tauch-Panzer to be instantly combat ready.

Water buoyancy gave the tanks a reasonably good underwater speed, and navigation underwater was by means of a compass. 168 Pz-III and 42 Pz-IV were modified for underwater use. After the cancellation of Operation Sealion, the Tauch-Panzer were converted by replacing the air hose of the engine with a metal tube (3.5 meter high), equipped with a snorkel, and placed on top of the copula, thereby reducing the wading depth to approximately 5 meters.

PANZER-REGIMENT Tank Regiment (Czech tanks)



KStN 1103(Sd) Headquarters, Tank Regiment

1.02.1941
 Rgt Hqs: 4 mcl; 2 mcl w/sc; 2 cars (15); 1 car (21).
 Rgt Hqs Main Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (3-ton).
 Rgt Hqs Trains: 1 mcl w/sc; 1 car (light); 1 car (15); 2 trucks (light); 2 trucks (2-ton); 2 truck (3-ton).
 Band: 1 bus (32 seats)

KStN 1194(Sd) Signal Platoon, Tank Regiment

1.02.1941
 Plt Hqs: 1 mcl w/sc; 1 car (light); 1 car (15); 2 vans (17/1); 1 Czech tank.
 Armored Signal Det: 2 Czech command tanks (267).
 2 Lt Tele Sect c: 1 car (15).
 Reserve Crew Section: 1 truck (2-ton).

KStN 1168(Sd) Light Tank Platoon

1.02.1941
 Platoon: 1 mcl; 5 Pz-II (121).
 Reserve Crew Section: 1 truck (2-ton).

KStN 1187 *) Motorized Tank Maintenance Company, Tank Regiment

1.02.1941
 Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (light).
 2 Workshop Plt: 1 car (light); 2 trucks (medium); 1 light truck (2-ton); 1 tuck (3-ton); 2 workshop vans (79); 4 halftracks (7); 1 halftrack (9); 1 trailer (generator); 1 trailer (10-ton/light tank); 4 trailers (22-ton/medium tank).
 Armorer Sect: 2 trucks (light).
 Signal Maint Sect: 2 trucks (2-ton); 1 battery van (42); 1 trailer (generator for batteries).
 Co Trains: 1 mcl w/sc; 1 car (light); 3 trucks (light).

NOTES:

In the organizations above, Czech tanks can mean either the Pz-35(t) or Pz-38(t). The comments made on the opposite page regarding Pz-IV platoons, Reserve Tank Detachments, and the lack of enough Pz-II also apply to the units equipped with Czech tanks.

Czechoslovakian tanks equipped slightly more than one-third of the German Panzer-Divisions taking part in Operation Barbarossa. Although the introduction of the 50mm guns on the Pz-III had made the Czech tanks obsolete, (not to mention the appearance of the Soviet T-34, KV-I, and KV-II), Czech tanks served with the Panzer Divisions throughout 1941 and well into 1942. These tanks were then phased out and either converted to self-propelled antitank guns, or relegated to second-line (security and training) units, and many were passed on to the Axis allies (Rumanian, Hungary, and Slovakia) after being overhauled.

Although the armament was obsolete, the Czech tanks were well-liked by their crews as they were very rugged, easy to drive, mechanically reliable, and simple to maintain.

In combat situations, the band members were used as stretcher bearers.

The organization of the 6 Panzer Regiments equipped with Czech tanks as depicted above had a varying organization, as follows:

Regiments with Czech tanks on 22.01.1941

| Div. | Rgt. | Maintenance | Ist Bn | IIInd Bn | IIIrd Bn |
|------|------|-------------------|--------------|--------------|---------------|
| 6. | 11. | Company + Platoon | 2+1 Pz-35(t) | 2+1 Pz-35(t) | 2+1 Pz-35(t)* |
| 7. | 25. | Company + Platoon | 3+1 Pz-38(t) | 3+1 Pz-38(t) | 3+1 Pz-38(t) |
| 8. | 10. | Company + Platoon | 2+1 Pz-38(t) | 2+1 Pz-38(t) | 2+1 Pz-38(t) |
| 12. | 29. | 3 Platoons | 2+1 Pz-38(t) | 2+1 Pz-38(t) | 2+1 Pz-38(t) |
| 19. | 27. | 3 Platoons | 2+1 Pz-38(t) | 2+1 Pz-38(t) | 2+1 Pz-38(t) |
| 20. | 21. | 3 Platoons | 2+1 Pz-38(t) | 2+1 Pz-38(t) | 2+1 Pz-38(t) |

* The IIIrd battalion was the 65. Panzer-Abteilung
 Pz-35(t) Equipped with Czech Pz-35(t) tanks.
 Pz-38(t) Equipped with Czech Pz-38(t) tanks.

PANZER-REGIMENT (t) Tank Regiment (Czech tanks)

KStN 1107(Sd) Headquarters, Tank Battalion

1.02.1941 Bn Hqs: 2 mcl; 1 mcl w/sc; 1 car (light); 3 cars (15).
Bn Admin & Supply Sect: 1 mcl w/sc; 1 car (light); 1 car (15).
Bn Hqs Trains: 1 truck (light).

KStN 1150(Sd) Headquarters Company, Tank Battalion

1.02.1941 Co Hqs: 3 mcl; 1 car (15).
Lt Tank Plt: 1 mcl; 5 Pz-II (121).
Signal Plt: Hqs Sect: 1 mcl; 1 car (15); 1 Czech tank.
Armored Signal Det: 2 Czech command tanks (266).
2 Lt Tele Sect c: 1 car (15).
Scout Plt: Hqs Sect: 3 mcl; 1 car (1).
4 Scout Sect: 1 mcl; 2 mcl w/sc; 1 LMG.
Engr Plt: Hqs Sect: 1 mcl; 1 car (15).
4 Engr Sect: 1 truck (3-ton); 1 Engineer Section w/ 1 LMG.
AA Plt: Hqs Sect: 1 mcl.
4 AA Sect: 1 AAMG car (4).
Co Main Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (3-ton).
Reserve Crew Section: 1 truck (2-ton).
Bn Commissary Sect: 1 car (light); 2 trucks (medium).
Co Trains: 2 mcl w/sc; 1 car (15); 1 truck (light); 3 trucks (2-ton); 6 trucks (3-ton); 1 ambulance (31); 1 armored ambulance (251/8).

KStN 1178(Sd) Reserve Tank Detachment

1.02.1941 Det: 1 mcl w/sc; 2 Pz-II (121); 3 Czech tanks; 1 Pz-IV (161).

KStN 1185 *) Motorized Tank Maintenance Platoon

1.02.1941 Plt Hqs: 1 mcl w/sc; 1 car (light).
Maint Det: 1 mcl w/sc; 1 car (light); 2 trucks (medium); 1 truck (1.5-ton); 1 truck (3-ton); 1 van (79); 4 halftracks (7); 1 halftrack (9);
1 trailer (generator); 1 trailer (light tank); 4 trailers (heavy tank).
Armorer Sect: 1 truck (light).
Signal Maint Sect: 1 truck (1.5-ton); 1 van (42); 1 trailer (generator).
Plt Trains: 1 mcl w/sc; 1 car (light); 2 trucks (light).

KStN 1171(Sd) Light Tank Company

1.02.1941 Co Hqs: 3 mcl; 1 car (15); 5 Pz-II (121); 2 Czech tanks.
3 Tank Plt: 5 Czech tanks.
Reserve Crew Section: 3 trucks (2-ton).
Co Maint Sect: 3 mcl w/sc; 1 car (2/40); 1 truck (3-ton); 2 halftracks (10).
Co Trains: 2 mcl w/sc; 1 car (15); 1 truck (medium); 9 trucks (3-ton).

KStN 1175(Sd) Medium Tank Company

1.02.1941 Co Hqs: 3 mcl; 1 car (15); 5 Pz-II (121); 2 Pz-IV (161).
2 Tank Plt: 4 Pz-IV (161).
Reserve Crew Section: 3 trucks (2-ton).
Co Maint Sect: 3 mcl w/sc; 1 car (2/40); 1 truck (3-ton); 2 halftracks (10).
Co Trains: 2 mcl w/sc; 1 car (15); 1 truck (medium); 9 trucks (3-ton).

SCHÜTZEN-BRIGADE
Motorized Infantry Brigade



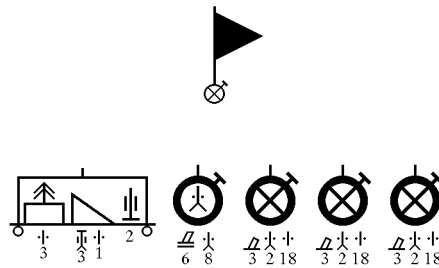
KStN 54 *)
1.02.1941

Headquarters, Motorized Infantry Brigade

Brig Hqs: 6 mcl; 4 mcl w/sc; 2 cars (15); 1 car (21); 1 armored car (247).

Hqs Trains: 2 trucks (2-ton); 1 truck (medium).

KRADSCHÜTZEN-BATAILLON Motorcycle Infantry Battalion



KStN 1109
1.02.1941

Headquarters, Motorcycle Infantry Battalion

Bn Hqs: 5 mcl; 3 mcl w/sc; 2 cars (15).
Signal Det: Hqs Sect: 1 car (2).
2 Lt Armd Radio Sect: 1 armored radio car (261).
2 Pack Radio Sect b: 1 car (15).
1 Lt Tele Sect: 1 car (15).
Bn Maint Det: 1 mcl w/sc; 1 car (light); 1 car (2/40); 5 trucks (2-ton).
Hqs Trains: 3 mcl; 2 cars (light); 7 trucks (light); 1 ambulance (31).

KStN 1112
1.02.1941

Motorcycle Infantry Company

Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (15); 1 car (18).
3 Inf Plt: Hqs Sect: 2 mcl; 1 car (15); 1 car (18); 1 trailer (cargo).
3 Inf Sqd: 4 mcl w/sc; 1 Infantry Squad w/ 2 LMG.
1 Mortar Sect: 2 mcl w/sc; 1 mortar (50mm).
MG Det: Hqs Sect: 2 mcl w/sc.
2 MG Sect: 4 mcl w/sc; 1 HMG.
Co Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (light).
Co Trains: 2 mcl; 1 mcl w/sc; 1 car (light); 7 trucks (light).

KStN 1118
1.02.1941

Motorcycle Machine Gun Company

Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (15); 1 car (18).
2 Lt Tele Sect: 1 car (15).
2 MG Plt: Hqs Sect: 1 mcl; 3 mcl w/sc; 1 car (15); 1 car (18).
2 HMG Sect: 3 mcl w/sc; 1 HMG.
2 HMG Sect: 4 mcl w/sc; 1 HMG.
Mortar Plt: Hqs Sect: 1 mcl w/sc; 1 car (15).
3 Martar Sect: 3 trucks (70); 2 trailers (ammo); 2 mortars (81mm).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (light).
Co Trains: 1 mcl; 1 mcl w/sc; 1 car (15); 6 trucks (light).

Motorized Heavy Company

KStN 1121
1.02.1941

Headquarters, Motorized Heavy Company

Hqs Sect: 2 mcl; 2 mcl w/sc; 1 car (15).
Main Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (light).
Co Trains: 1 mcl; 1 mcl w/sc; 1 car (15); 6 trucks (light).

KStN 1122
1.02.1941

Motorized Antitank Platoon

Plt Hqs: 1 mcl; 1 mcl w/sc; 1 truck (69).
Firing Det: 4 truck (69); 3 antitank guns (37mm – towed); 1 LMG.

KStN 1123
1.02.1941

Motorized Infantry Gun Platoon

Plt Hqs: 1 mcl; 2 mcl w/sc; 1 truck (69); 1 trailer (ammo).
Lt Tele Sect d: 1 car (15).
Firing Det: 1 mcl w/sc; 3 trucks (69); 2 infantry guns (75mm – towed); 1 trailer (ammo).

KStN 1124
1.02.1941

Motorized Engineer Platoon

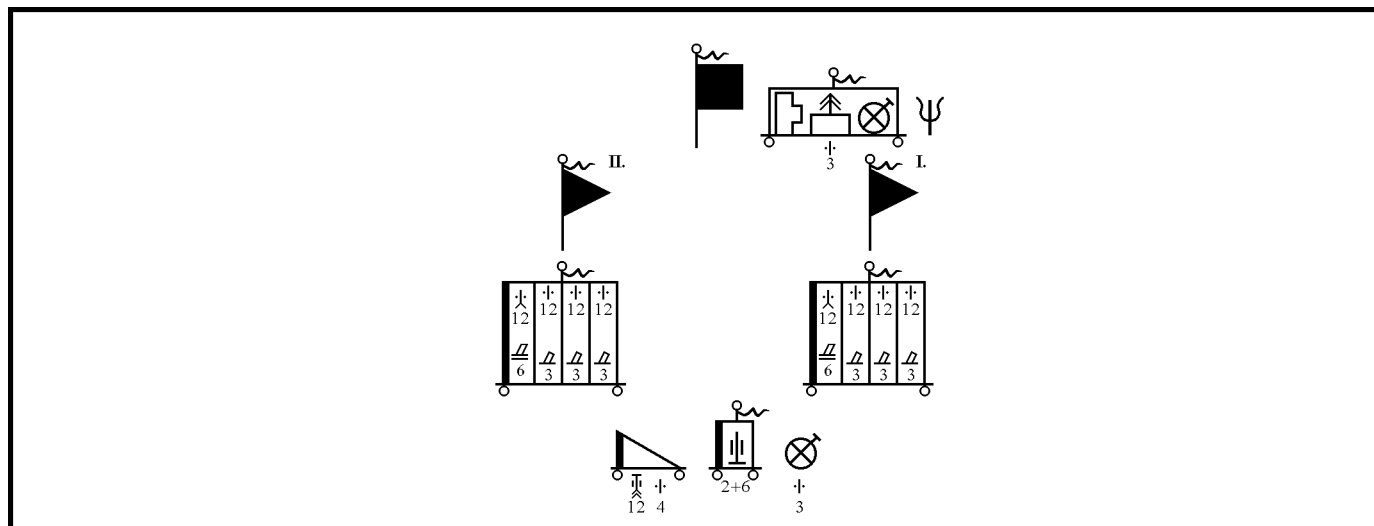
Plt Hqs: 2 mcl; 2 mcl w/sc; 1 car (15).
Engineer Det: 1 mcl w/sc; 2 cars (15); 5 trucks Pi.Kw. III (2-ton); 1 truck (3-ton); 1 trailer (compressor); 3 Engineer Sections w/ 1 LMG..

SCHÜTZEN-REGIMENT

Motorized Infantry Regiment

| | |
|-------------------------------|---|
| KStN 1108
1.02.1941 | Headquarters, Motorized Infantry Battalion
Bn Hqs: 5 mcl; 3 mcl w/sc; 2 cars (15).
Signal Det: Hqs Sect: 1 car (2).
2 Lt Armd Radio Sect: 1 armored radio car (261).
1 Lt Radio Sect: 1 car (15).
2 Pack Radio Sect b: 1 car (15).
2 Lt Tele Sect: 1 car (15).
Bn Maint Det: 1 mcl w/sc; 2 cars (light); 1 car (2/40); 2 trucks (medium); 2 trucks (3-ton); 1 halftrack (10).
Hqs Trains: 3 mcl; 2 cars (light); 7 trucks (light); 1 ambulance (31). |
| KStN 1114
1.02.1941 | Motorized Infantry Company
Co Hqs: 4 mcl; 2 cars (15).
MG Det: 1 mcl w/sc; 1 car (15); 2 trucks (70); 2 HMG.
3 Inf Plt: Hqs Sect: 1 mcl w/sc; 1 truck (70); 1 mortar (50mm).
3 Inf Sqd: 2 trucks (70); 1 Infantry Squad w/ 2 LMG.
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 mcl; 1 car (light); 1 truck (medium); 7 trucks (medium); 1 truck (3-ton). |
| KStN 1116
1.2.1941 | Motorized Machine Gun Company
Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (15).
2 Lt Tele Sect c: 1 car (15).
2 MG Plt: Hqs Sect: 1 mcl w/sc; 2 cars (15).
MG Sect: 4 cars (70); 4 HMG.
Mortar Plt: Hqs Sect: 1 mcl w/sc; 1 car (15).
3 Sect: 1 car (15); 2 trucks (70); 2 mortars (81mm).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 mcl; 1 car (light); 1 truck (medium); 7 trucks (medium); 1 truck (3-ton). |
| KStN 1121
1.02.1941 | Motorized Heavy Company
Headquarters, Motorized Heavy Company
Hqs Sect: 2 mcl; 2 mcl w/sc; 1 car (15).
Main Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (light).
Co Trains: 1 mcl; 1 mcl w/sc; 1 car (15); 6 trucks (light). |
| KStN 1122
1.02.1941 | Motorized Antitank Platoon
Plt Hqs: 1 mcl; 1 mcl w/sc; 1 truck (69).
Firing Det: 4 truck (69); 3 antitank guns (37mm – towed); 1 LMG. |
| KStN 1123
1.02.1941 | Motorized Infantry Gun Platoon
Plt Hqs: 1 mcl; 2 mcl w/sc; 1 truck (69); 1 trailer (ammo).
Lt Tele Sect d: 1 car (15).
Firing Det: 1 mcl w/sc; 3 trucks (69); 2 infantry guns (75mm – towed); 1 trailer (ammo). |
| KStN 1124
1.02.1941 | Motorized Engineer Platoon
Plt Hqs: 2 mcl; 2 mcl w/sc; 1 car (15).
Engineer Det: 1 mcl w/sc; 2 cars (15); 5 trucks Pi.Kw. III (2-ton); 1 truck (3-ton); 1 trailer (compressor); 3 Engineer Sections w/ 1 LMG.. |

INFANTERIE-REGIMENT (motorisiert)
Infantry Regiment (motorized)



KStN 103c *) Headquarters, Motorized Infantry Regiment

1.02.1941 Rgt Hqs: 5 mcl; 2 mcl w/sc; 2 cars (12).

KStN 129 *) Headquarters Company, Motorized Infantry Regiment

1.02.1941 Co Hqs: 2 mcl; 2 mcl w/sc; 1 car (12).
 Mcl Plt: Hqs Sect: 1 mcl; 2 cars (15).
 4 Sect: 1 mcl; 5 mcl w/sc.
 Signal Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 3 cars (15).
 2 Tele Sect c: 1 car (15).
 4 Pack Radio Sect d: ride in headquarters vehicles.
 4 Radio Sect e: 1 van (17).
 Engr Plt: Plt Hqs: 1 mcl; 1 mcl w/sc; 1 car (15).
 3 Engr Sect: 1 mcl; 1 truck Pi.Kw. III (2-ton); 1 truck (2-ton); 1 Engineer Section w/ 1 LMG.
 Band: 1 bus (33 seats)
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 mcl; 2 cars (light); 3 trucks (light); 1 truck (medium).

KStN 176 *) Infantry Gun Company (motorized)

1.02.1941 Co Hqs: 5 mcl; 2 mcl w/sc; 2 cars (15).
 Signal Det: 2 Lt Tele Sect d: 1 car (15).
 2 Pack Radio Sect d: 1 car (2).
 3 Lt IG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (12).
 Firing Det: 6 cars (12); 4 light infantry guns (75mm – towed); 2 trailers (ammo).
 1 Hy IG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (12).
 Lt Tele Sect d: 1 car (15).
 Firing Det: 4 trucks(3-ton) or 4 halftracks (10) ; 2 heavy infantry guns (150mm – towed).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 1 truck (2-ton); 1 truck (medium); 1 truck (3-ton).

KStN 184c Infantry Antitank Company (motorized)

1.02.1941 Co Hqs: 4 mcl; 2 mcl w/sc; 1 car (12).
 4 ATG Plt: Hqs Sect: 3 mcl; 1 mcl w/sc; 1 car (12).
 Gun Det: 2 cars (12); 3 halftracks (10); 3 antitank guns (37mm – towed); 1 trailer (ammo).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 2 mcl w/sc; 1 car (light); 2 trucks (light); 2 trucks (2-ton).

KStN 147 Motorcycle Scout Platoon

1.02.1941 Plt Hqs: 3 mcl; 1 car (1); 1 car (18).
 3 Scout Sect: 8 mcl; 1 mcl w/sc; 1 LMG.

NOTES:

The 13. Panzer-Division had been stationed in Rumania as an instruction (*Lehr*) unit for the Rumanian Army's armored forces until late May / early June 1941. This organization therefore applied only to the 66. and 93. Infanterie-Regiment (mot), which, although redesignated on 28.05.41 and 15.05.41, respectively, as Motorized Infantry Regiments (*Schützen-Regiment*), were not converted from Infantry to Mobile Troops KStN until a later date.

In combat situations, the band members were used as stretcher bearers.

INFANTERIE-REGIMENT (motorisiert)
Infantry Regiment (motorized)

KStN 115c *) Headquarters, Infantry Battalion (motorized)

1.01.1941 Bn Hqs: 4 mcl; 2 mcl w/sc; 1 car (1); 2 cars (15).
 Signal Det: Hqs Sect: 1 car (15); 1 truck (2-ton).
 1 Lt Tele Sect *d*: rides in headquarters car.
 1 Lt Tele Sect *d*: rides in headquarters truck.
 2 Pack Radio Sect *d*: ride in headquarters truck.
 2 Pack Radio Sect *d*: 1 car (2).
 Bn Main Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 1 truck (light); 2 trucks (3-ton).
 Hqs Trains: 1 mcl; 1 mcl w/sc; 3 cars (light); 4 trucks (medium); 6 trucks (3-ton); 1 ambulance (31).

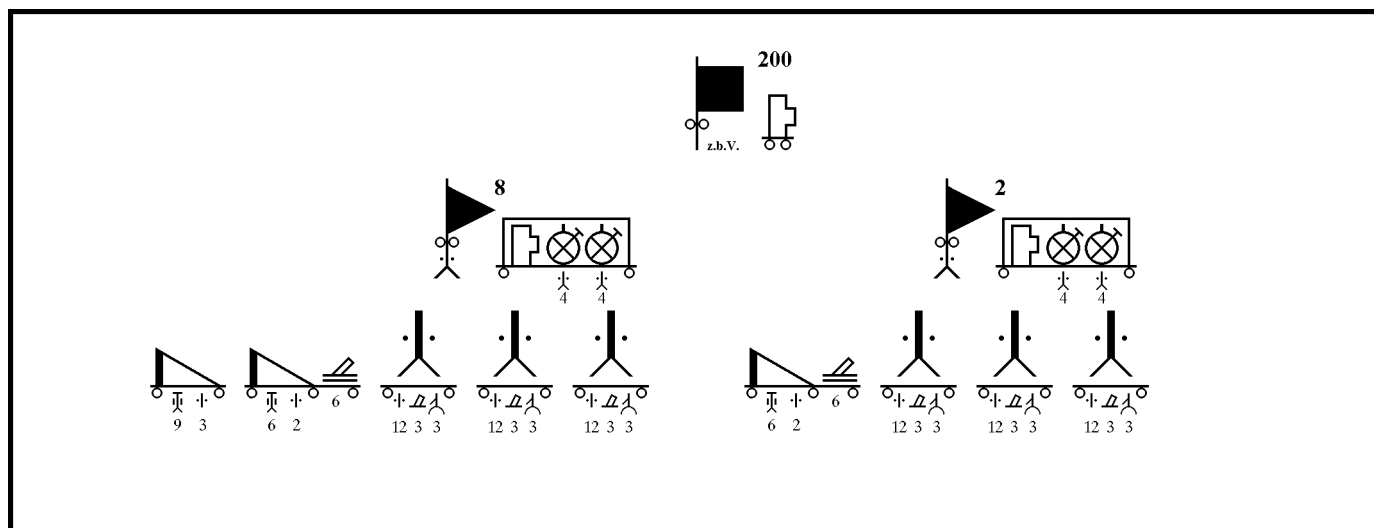
KStN 138c *) Infantry Company (motorized)

1.02.1941 Co Hqs: 3 mcl; 2 mcl w/sc; 1 car (15); 1 truck (medium).
 3 Inf Plt: Hqs Sect: 1 mcl. (2 LMG as equipment reserve). (Headquarters personnel rides in one of the trucks).
 4 Inf Sqd: 1 truck (medium); 1 Infantry Squad w/ 1 LMG.
 Mortar Sect: 1 mortar (light). (Mortar with crew rides in one of the trucks).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 1 truck (light); 1 truck (medium).

KStN 161c *) Machine Gun Company (motorized)

1.02.1941 Co Hqs: 3 mcl; 2 mcl w/sc; 2 cars (15).
 2 HMG Plt: Hqs Sect: 1 mcl w/sc; 1 car (15); (1 truck (medium) with 2 HMG as equipment reserve).
 MG Det: 2 trucks (medium); 4 HMG.
 1 Mortar Plt: Hqs Sect: 1 mcl; 1 car (11).
 Mortar Det: 3 motorcycle; 6 trucks (medium); 6 mortars (81mm).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 1 truck (light); 2 trucks (medium).

INFANTERIE-REGIMENT z.b.V. 200 (motorisiert)
200th Special Infantry Regiment (motorized)



KStN 103c *) Headquarters, Infantry Regiment (motorized)

1.02.1941 Rgt Hqs: 5 mcl; 2 mcl w/sc; 2 cars (12).

KStN 261c *) Signal Platoon, Infantry Regiment (motorized)

1.02.1941 Hqs Sect: 1 mcl; 1 mcl w/sc; 3 cars (15).
 2 Tele Sect c: 1 car (15).
 4 Pack Radio Sect d: ride in headquarters vehicles.
 4 Radio Sect e: 1 van (17).

KStN 120 Headquarters, Machine Gun Battalion (motorized)

1.02.1941 Bn Hqs: 3 mcl; 1 mcl w/sc; 1 car (light); 2 cars (15); 1 car (21).

KStN 164 Headquarters Company, Machine Gun Battalion (motorized)

1.02.1941 Co Hqs: 6 mcl; 1 car (15).
 2 Mcl MG Plt: Hqs Sect: 2 mcl; 1 mcl w/sc; 2 cars (15); 1 car (18).
 MG Det: 4 mcl; 12 mcl w/sc; 4 HMG.
 Signal Plt: Hqs Sect: 2 mcl; 1 car (15).
 2 Lt Tele Sect c: 1 car (15).
 6 Pack Radio Sect b: 1 car (2).
 Bn Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 2 trucks (3-ton).
 Hqs Trains: 4 mcl; 2 mcl w/sc; 3 cars (light); 8 trucks (light); 4 trucks (2-ton); 2 trucks (3-ton); 1 ambulance (31).

KStN 166 Machine Gun Company, Machine Gun Battalion (motorized)

1.02.1941 Co Hqs: 6 mcl; 1 car (11); 1 car (15).
 ATR Sect: 1 mcl; 3 mcl w/sc; 1 ATR.
 Signal Det: Hqs Sect: 1 car (2).
 1 Lt Tele Sect c: 1 car (15).
 4 Pack Radio Sect d: 1 car (2/2).
 3 MG Plt: Hqs Sect: 2 mcl; 1 mcl w/sc; 2 cars (11).
 MG Det: 4 trucks (70); 4 HMG.
 Mortar Sect: 2 mcl w/sc; 1 mortar (50mm).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 3 mcl; 1 mcl w/sc; 1 car (light); 2 trucks (light); 2 trucks (2-ton); 2 trucks (medium).

KStN 167 Heavy Company, Machine Gun Battalion (motorized)

1.02.1941 Co Hqs: 5 mcl; 1 mcl w/sc; 1 car (12).
 2 ATG Plt: Hqs Sect: 3 mcl; 1 mcl w/sc; 1 car (12).
 Gun Det: 7 cars (12); 3 antitank guns (37mm – towed); 3 trailers (ammo); 1 LMG.
 1 Mortar Plt: Hqs Sect: 2 mcl; 1 mcl w/sc; 1 car (12).
 Mortar Det: 3 mcl; 15 cars (12); 6 mortars (81mm); 6 trailers (ammo).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 2 mcl; 1 mcl w/sc; 1 car (light); 2 trucks (light); 1 truck (2-ton); 2 trucks (3-ton).

KStN 184c Infantry Antitank Company (motorized)

1.02.1941 Co Hqs: 4 mcl; 2 mcl w/sc; 1 car (12).
 4 ATG Plt: Hqs Sect: 3 mcl; 1 mcl w/sc; 1 car (12).
 Gun Det: 2 cars (12); 3 halftracks (10); 3 antitank guns (37mm – towed); 1 trailer (ammo).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 2 mcl w/sc; 1 car (light); 2 trucks (light); 2 trucks (2-ton).

Stab, Infanterie-Regiment 200 (motorisiert) z.b.V.

Created specifically to command the two MG Battalions of the 5. leichte Division (mot).

2. Maschinengewehr-Bataillon (motorisiert)

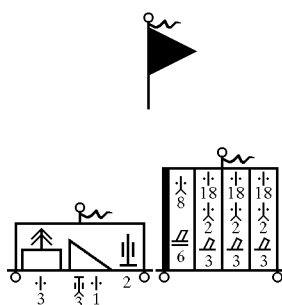
Standard GHQ Troops machine gun battalion, although the battalion headquarters company had one of its MG platoons equipped with Volkswagen instead of motorcycle combinations. It had assigned two combat engineer companies, which were detached to the 200. Pionier-Battalion (mot) z.b.V. In addition, it

was issued 10 medium armored halftracks (Sd.Kfz. 251), which were apparently used to equip one of the MG companies.

8. Maschinengewehr-Bataillon (motorisiert)

Equipped as the 2nd MG Battalion with VW's. In addition, it was issued 10 medium armored halftracks (Sd.Kfz. 251), also apparently used to equip one of the MG companies. It had assigned one combat engineer and one infantry antitank company. The engineer company was also detached to the Pionier-Battalion 200 (mot) z.b.V.

SCHÜTZEN-BATAILLON (gepanzert) Armored Infantry Battalion



KStN 1108(gp) *) Headquarters, Infantry Battalion (armored)

1.02.1941

Bn Hqs: 5 mcl; 2 cars (15); 2 armored halftracks (250/3).
 Signal Det: Hqs Sect: 1 armored halftrack (250/2).
 1 Lt Armd Tele Sect c: 1 armored halftrack (250/2).
 2 Armored Pack Radio Sect d: ride together in 1 armored halftrack (250/3).
 2 Lt Armored radio Sect d: 1 armored halftrack (250/3).
 Bn Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light), 4 trucks (3-ton).
 Bn Hqs Trains: 1 mcl; 1 mcl w/sc; 2 cars (light); 1 car (15); 1 truck (2-ton); 3 trucks (medium); 6 trucks (3-ton); 1 ambulance (31).

KStN 1114(gp) *) Armored Infantry Company

1.02.1941

Co Hqs: 3 mcl; 1 mcl w/sc; 2 armored halftracks (250/3).
 3 Inf Plt: Hqs Sect: 1 mcl; 1 armored halftrack (251/10 with 37mm ATG).
 3 Inf Sqd: 1 armored halftrack (251/1); 1 Infantry Squad w/ 2 LMG.
 Hvy Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 armored halftrack (251/1).
 2 MG Sect: 1 armored halftrack (251/1); 2 HMG.
 Mortar Sect: 2 armored halftracks (251/2 with 81mm mortar).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (15); 1 truck (2-ton); 1 truck (medium); 1 truck (3-ton).

KStN 1116(gp) Armored Machine Gun Company

1.02.1941

Co Hqs: 4 mcl; 1 armored halftrack (250/3).
 2 Lt Tele Sect c: armored halftrack (250/2).
 2 MG Plt: Hqs Sect: 2 mcl w/sc; 2 armored halftracks (250/1).
 MG Det: 2 armored halftrack (251/1); 4 HMG.
 Mortar Plt: Hqs Sect: 1 mcl; 1 armored halftrack (250/1).
 3 Sect: 2 armored halftrack (251/2 with 81mm mortar).
 Co Maint Sect: 1 mcl; 1 truck (light).
 Co Trains: 2 mcl; 1 mcl w/sc; 1 car (15); 1 truck (light); 3 trucks (2-ton); 1 truck (medium).

Armored Heavy Company

KStN 1121(gp) *) Headquarters, Armored Heavy Company

1.02.1941

Hqs Sect: 2 mcl; 2 mcl w/sc; 1 armored halftrack (250/3).
 Lt Armd Tele Sect c: 1 armored halftrack (250/2).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (15); 1 truck (2-ton); 1 truck (medium); 1 truck (3-ton).

KStN 1122(gp) *) Armored Antitank Platoon

1.02.1941

Plt Hqs: 1 mcl; 1 mcl w/sc; 1 armored halftrack (250/1).
 Gun Det: 4 armored halftrack (251/1); 3 antitankguns (37mm – towed).

KStN 1123(gp) *) Armored Infantry Gun Platoon

1.02.1941

Plt Hqs: 1 mcl; 1 mcl w/sc; 1 armored halftrack (250/1).
 Gun Det: 2 armored halftracks (251/3); 2 infantry guns (75mm – towed)¹; 1 armored halftrack (251/4)¹.

KStN 1124(gp) Armored Combat Engineer Platoon

1.02.1941

Plt Hqs: 2 mcl; 1 mcl w/sc; 1 armored halftrack (250/1).
 Engineer Det: 1 mcl w/sc; 6 armored halftracks (251/5); 3 trucks (3-ton).

NOTES:

1) The KStN shows the medium armored halftrack with the designation Sd.Kfz. 251/3 as the IG prime mover, and Sd.Kfz. 251/4 as the IG ammunition carrier. These numerical designations changed later.

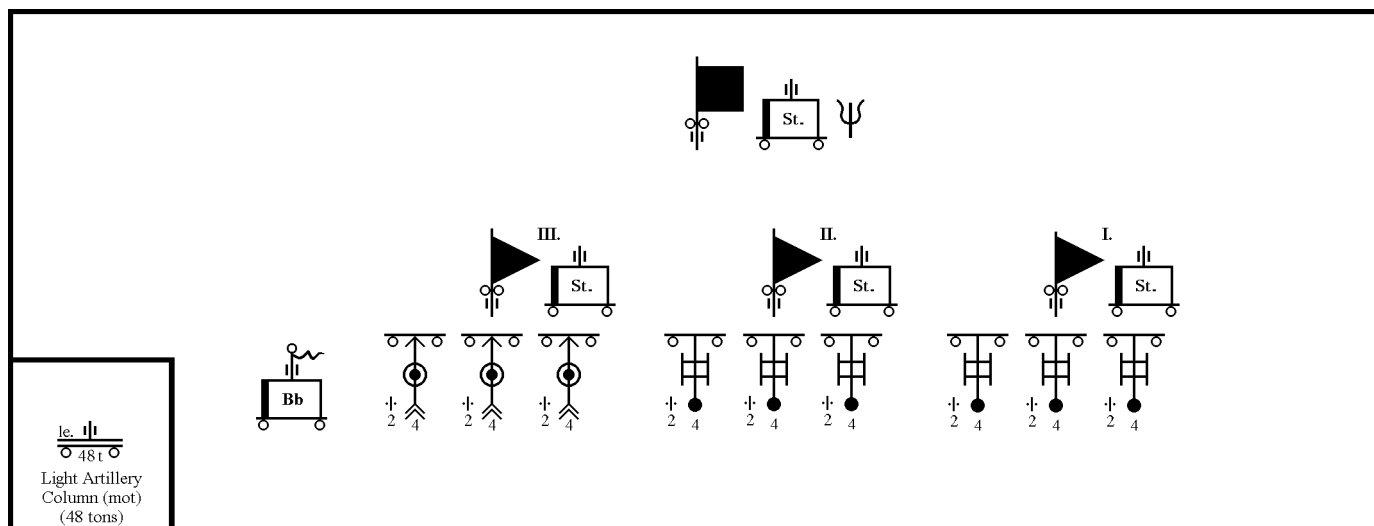
Diagrams of this period only show the infantry weapons. Vehicle weapons are not depicted.

Light armored halftracks did not go into production until June 1941.

The number of armored infantry units in each Panzer Division varied, as shown in the table.

| Pz. Div. | Armored Units | Pz. Div. | Armored Units |
|----------|---------------------|----------|----------------------|
| 1. | I./SR 1 & I./SR 113 | 11. | 1. Kp/SR 110 |
| 2. | 2. Kp/SR 304 | 12. | 1. Kp/SR 25 |
| 3. | 1. Kp/SR 3 | 13. | 1. Kp/SR 66 |
| 4. | 1. Kp/SR 12 | 14. | none |
| 5. | 1 company of SR 14 | 15. | 2. Kp/SR 115 |
| 6. | 8. Kp/SR 114 | 16. | none |
| 7. | 1. Kp/SR 6 | 17. | 1. Kp/SR 40 |
| 8. | 1 company of SR 8 | 18. | 1. Kp/SR 52 |
| 9. | 1. Kp /SR 10 | 19. | none |
| 10. | II./SR 69 | 20. | 1 company ? regiment |

ARTILLERIE-REGIMENT (motorisiert) **Artillery Regiment (motorized)**



KStN 410 *) Headquarters, Artillery Regiment (motorized)

1.02.1941 Rgt Hqs: 4 mcl; 1 car (1); 3 cars (15); 1 bus (medium).

KStN 577 *) Headquarters Battery, Artillery Regiment (motorized)

1.02.1941 Bty Hqs: 2 mcl; 1 car (15); 1 armored observation vehicle (253).

Signal Plt: Hqs Sect: 1 mcl w/sc; 1 van (17/1).

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

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

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

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

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

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

Band: 1 bus (medium).

Bty Trains: 3 cars (light); 1 AA car (4 with 2 MG); 1 truck (light); 3 trucks (medium).

KStN 545 Artillery Observation Battery, Armored Division

1.02.1941 Bty Hqs: 2 mcl; 2 cars (3); 1 car (16).

Flash Ranging Detachment

1. Plt (Black & White): 3 cars (16).

2. Plt (Red & Yellow): 3 cars (16).

Advanced Warning Sect: 2 cars (16/1).

Sound Ranging Detachment

1. Plt (A & B): 2 cars (3); 2 cars (16).

2. Plt (C & D): 2 cars (3); 2 cars (16).

Evaluation Detachment

Flash Evaluation Plt: 1 car (3); 2 vans (62).

Sound Evaluation Plt: 1 car (3); 2 vans (62); 1 van (63).

Printing Sect: 1 mcl; 1 truck (medium); 1 van (62); 1 trailer (generator).

Weather Sect: 1 mcl; 1 van (62).

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

Bty Trains: 2 mcl; 1 car (light); 1 AA car (4 with 2 MG); 1 truck (2-ton); 5 trucks (medium); 1 van (42); 1 trailer (generator); 1 bus (15 seats).

NOTES:

Some of the Sd.Kfz. 254, (only 128 were ever produced), could occasionally be substituted by the Sd.Kfz. 253, at least initially, but more probably by the Sd.Kfz. 250/5 when it became available. In some cases the armored vehicle was substituted by an unarmored field car (Kfz. 15).

The Artillery Observation Batteries (KStN 545) had a footnote which indicated that the wheeled vehicles were to be replaced by armored halftracks when these became available. The Messtruppkraftwagen (Kfz. 3) were to be replaced by the light armored halftrack (Sd.Kfz. 250). The various Kfz. 16, Kfz. 16/1, Kfz. 62, and Kfz. 63 were to be replaced by medium armored halftracks (Sd.Kfz. 251). Excluded from the conversions were the Printing and Weather Sections, which were to retain their soft skinned motor vehicles.

To confuse the matter further, some division artillery of the Panzer Divisions were in the process of converting from an even earlier organization to the headquarters battery system when the 1941 Barbarossa Campaign started. These still had a Regiment Headquarters (KStN 411 dated 28.08.1940) and only Signal Platoon (KStN 562 dated 23.05.1940).

In combat situations, the band members were used as stretcher bearers.

| Pz. Div. | Types of Heavy Batteries | Pz. Div. | Types of Heavy Batteries |
|----------|--------------------------|----------|--------------------------|
| 1. | 3 of sFH | 11. | 2 of sFH + 1 of 10cm K |
| 2. | 2 of sFH + 1 of 10cm K | 12. | 3 of sFH |
| 3. | 2 of sFH + 1 of 10cm K | 13. | 3 of sFH |
| 4. | 2 of sFH + 1 of 10cm K | 14. | 2 of sFH + 1 of 10cm K |
| 5. | 3 of sFH | 15. | 3 of sFH |
| 6. | 3 of sFH | 16. | 3 of sFH |
| 7. | 2 of sFH + 1 of 10cm K | 17. | 3 of sFH |
| 8. | 3 of sFH | 18. | 3 of sFH |
| 9. | 3 of sFH | 19. | 3 of sFH |
| 10. | 2 of sFH + 1 of 10cm K | 20. | 3 of sFH |

ARTILLERIE-REGIMENT (motorisiert) Motorized Artillery Regiment

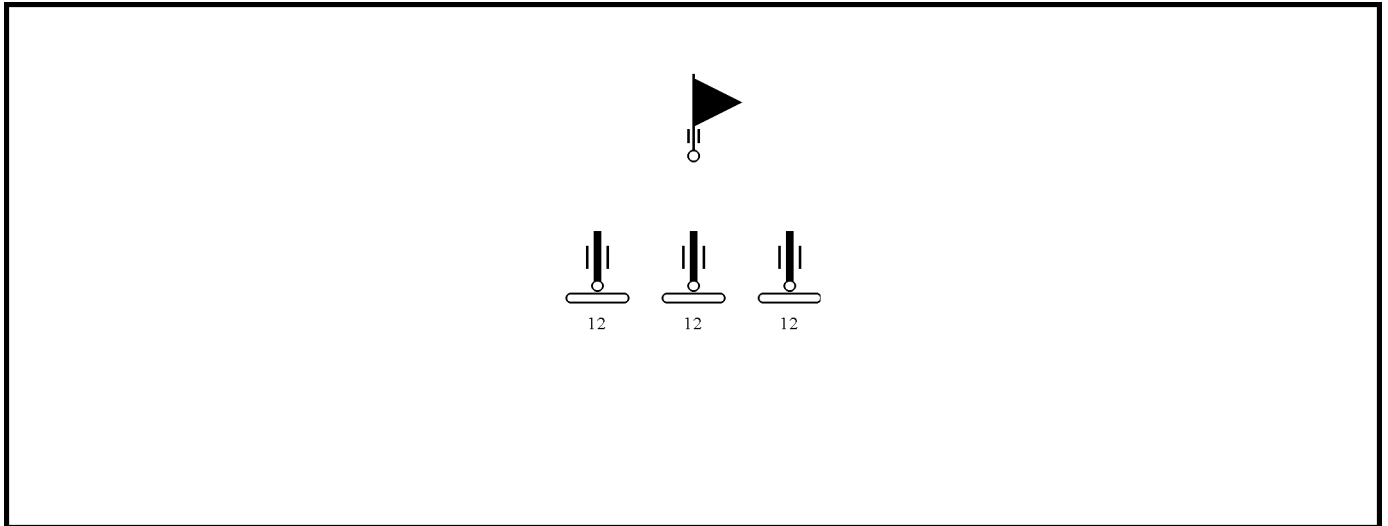
| | |
|---------------------------------|--|
| KStN 406
1.02.1941 | Headquarters, Artillery Battalion (motorized)
Bn Hqs: 3 mcl; 2 mcl w/sc; 1 car (1); 2 cars (15). |
| KStN 585
1.02.1941 | Headquarters Battery, Artillery Battalion (motorized) / Panzer Division
Bty Hqs: 1 car (15).
Signal Plt: Hqs Sect: 3 mcl; 1 mcl w/sc; 2 cars (15); 1 van (17); 1 armored observation vehicle (254).
2 Hvy Tele Sect <i>a</i> : 1 car (2); 1 van (23).
2 Lt Tele Sect <i>c</i> : 1 car (15).
2 Pack Radio Sect <i>b</i> : ride with other Battery vehicles.
4 Pack Radio Sect <i>b</i> : 1 car (2).
1 Lt Radio Sect <i>c</i> : 1 van (17).
Calibration Sect: 2 mcl; 1 car (3); 1 truck (2-ton).
Bn Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 3 trucks (3-ton).
Bty Trains: 3 mcl; 1 car (light); 6 trucks (light); 1 ambulance (31). |
| KStN 435 *)
1.02.1941 | Light Field Howitzer Battery (motorized) / Panzer Division
Bty Hqs: 3 mcl; 2 cars (15); 1 van (17/1); 2 armored observation vehicles (254).
Signal Det: Hqs Sect: 1 car (15).
1 Med Tele Sect <i>b</i> : 1 car (15); 1 van (76).
1 Hvy Tele Sect <i>a</i> : 1 car (2); 1 van (23).
1 Pack Radio Sect <i>f</i> : rides with one of the platoon vehicles.
2 Pack Radio Sect <i>f</i> : 1 car (2).
Firing Plt: 2 mcl; 2 cars (1); 1 AA car (4 with 2 MG); 1 car (15); 5 halftracks (11); 4 field howitzers (105mm – towed).
Ammo Det: 1 car (light); 4 trucks (3-ton).
Bty Main Sect: 1 mcl w/sc; 1 car (2/40).
Bty Trains: 1 truck (light); 3 trucks (medium). |
| KStN 406
1.02.1941 | Headquarters, Artillery Battalion (motorized)
Bn Hqs: 3 mcl; 2 mcl w/sc; 1 car (1); 2 cars (15). |
| KStN 585
1.02.1941 | Headquarters Battery, Artillery Battalion (motorized) / Panzer Division
Bty Hqs: 1 car (15).
Signal Plt: Hqs Sect: 3 mcl; 1 mcl w/sc; 2 cars (15); 1 van (17); 1 armored observation vehicle (254).
2 Hvy Tele Sect <i>a</i> : 1 car (2); 1 van (23).
2 Lt Tele Sect <i>c</i> : 1 car (15).
2 Pack Radio Sect <i>b</i> : ride with other Battery vehicles.
4 Pack Radio Sect <i>b</i> : 1 car (2).
1 Lt Radio Sect <i>c</i> : 1 van (17).
Calibration Sect: 2 mcl; 1 car (3); 1 truck (2-ton).
Bn Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 3 trucks (3-ton).
Bty Trains: 3 mcl; 1 car (light); 6 trucks (light); 1 ambulance (31). |
| KStN 518 *)
1.02.1941 | Light Artillery Column (motorized)(48-tons)
Hqs: 1 mcl w/sc; 1 car (light).
3 Ammo Groups: 11 trucks (light).
Col Trains: 1 mcl; 1 truck (light). |
| KStN 457
1.02.1941 | 10cm Gun Battery (motorized) / Panzer Division
Bty Hqs: 3 mcl; 2 cars (15); 1 van (17/1); 2 armored observation vehicles (254).
Signal Det: Hqs Sect: 1 car (15).
1 Med Tele Sect <i>b</i> : 1 car (15); 1 van (76).
1 Hvy Tele Sect <i>a</i> : 1 car (2); 1 van (23).
1 Pack Radio Sect <i>f</i> : rides with one of the platoon vehicles.
2 Pack Radio Sect <i>f</i> : 1 car (2).
Firing Plt: 2 mcl; 2 cars (1); 1 AA car (4 with 2 MG); 1 car (15); 5 halftracks (7); 4 guns (105mm – towed).
1st Ammo Det: 1 mcl; 2 mcl w/sc; 4 trucks (3-ton).
2nd Ammo Det: 1 mcl; 4 trucks (3-ton).
Bty Main Sect: 1 mcl w/sc; 1 car (2/40).
Bty Trains: 1 mcl; 4 trucks (medium). |
| KStN 463
1.02.1941 | Heavy Field Howitzer Battery (motorized) / Panzer Division
Bty Hqs: 3 mcl; 2 cars (15); 1 van (17/1); 2 armored observation vehicles (254).
Signal Det: Hqs Sect: 1 car (15).
1 Med Tele Sect <i>b</i> : 1 car (15); 1 van (76).
1 Hvy Tele Sect <i>a</i> : 1 car (2); 1 van (23).
1 Pack Radio Sect <i>f</i> : rides with one of the platoon vehicles.
2 Pack Radio Sect <i>f</i> : 1 car (2).
Firing Plt: 2 mcl; 2 cars (1); 1 AA car (4 with 2 MG); 1 car (15); 5 halftracks (7); 4 field howitzers (150mm – towed).
1st Ammo Det: 1 mcl; 2 mcl w/sc; 4 trucks (3-ton).
2nd Ammo Det: 1 mcl; 4 trucks (3-ton).
Bty Main Sect: 1 mcl w/sc; 1 car (2/40).
Bty Trains: 1 mcl; 4 trucks (medium). |

NOTES:

Only the 1. Panzer-Division had a light artillery column.

At this time, the 5. leichte Division (mot) only had one light field howitzer battalion (I./Artillerie-Regiment 75). It would be joined by the Headquarters, I. and III. Battalions of the newly raised Artillerie-Regiment (mot) 155 to form a complete regiment on 01.08.41, and the I./AR 75 would be redesignated as II./AR 155.

FLIEGERABWEHR-BATAILLON (mot)
Infantry Antiaircraft Battalion (motorized)



KStN 123
 1.02.1941

Headquarters, Infantry Antiaircraft Battalion (motorized)

Bn Hqs: 7 mcl; 1 car (light); 3 cars (15).
 Signal Det: Hqs Sect: 1 car(2).
 6 Pack Radio Sect b: 1 car (2).
 Bn Main Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 3 trucks (3-ton).
 Bn Armorer Sect: 1 car (light); 1 truck (light).
 Hqs Trains: 5 mcl; 1 car (light); 1 truck (light); 2 trucks (2-ton); 1 truck (medium); 1 ambulance (31).

KStN 192
 1.02.1941

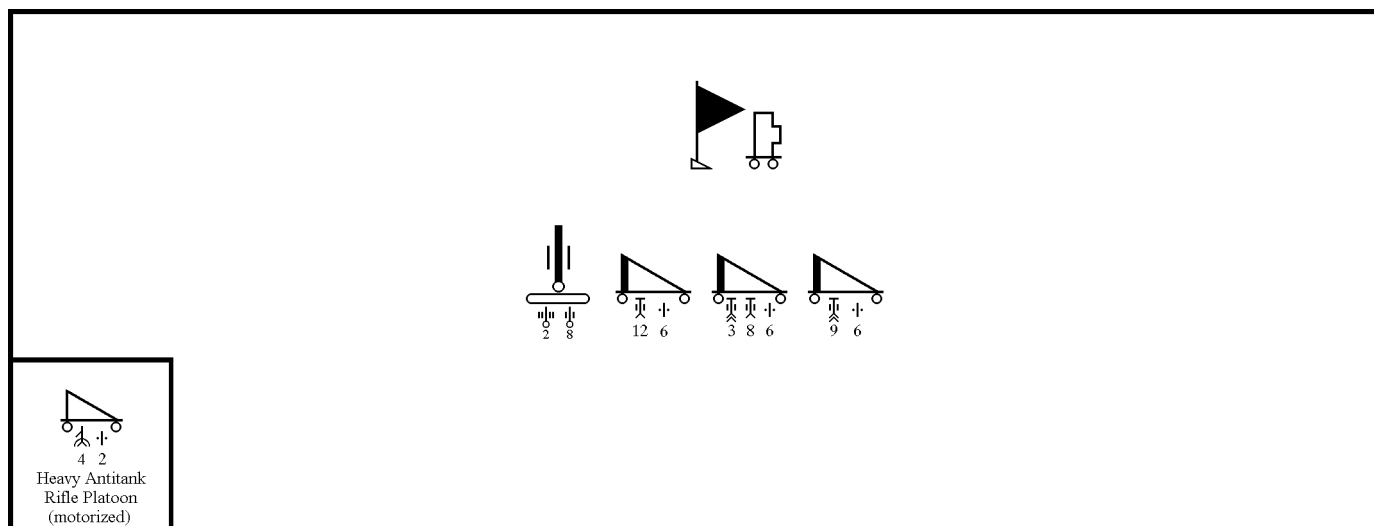
Infantry Antiaircraft Company (motorized)

Co Hqs: 4 mcl; 1 car (1); 1 car (15).
 Signal Det: Hqs Sect: 1 car (15).
 4 Pack Radio Sect b: 1 car (2).
 3 AA Plt: Hqs Sect: 3 mcl; 2 cars (15); 1 LMG.
 Firing Det: 4 halftracks (10/4 with 20mm Flak); 2 halftracks (10/4 without guns, for ammo); 4 trailers (gun).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (medium).
 Co Trains: 4 mcl; 1 mcl w/sc; 1 car (15); 2 trucks (light); 2 trucks (2-ton); 2 trucks (3-ton).

NOTES:

Applied to the GHQ Troops 606. Fla-Bataillon (mot S) permanently assigned to the 5. leichte Division (mot) in North Africa.

PANZERJÄGER-ABTEILUNG (mot) Motorized Antitank Battalion



KStN 1106 *) Headquarters, Motorized Antitank Battalion

1.02.1941 Bn Hqs: 2 mcl; 1 mcl w/sc; 1 car (15); 1 car (12); 1 car (21).
Bn Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (medium); 1 car (2-ton); 2 trucks (3-ton).
Bn Trains: 1 mcl w/sc; 2 cars (light); 2 trucks (light); 1 truck (2-ton); 1 truck (medium); 1 truck (3-ton); 1 ambulance (31).

KStN 1192 Signal Platoon, Motorized Antitank Battalion

1.02.1941 Plt Hqs: 2 mcl, 1 mcl w/sc; 1 car (15).
1 Lt Tele Sect c: 1 car (15).
6 Pack Radio Sect b: 1 car (2).
2 Lt Armd Radio Sect d: 1 armored radio car (261).

KStN 1141 *) Motorized Antitank Company

1.02.1941 Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (12).
• ATG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (12).
Firing Det: 5 trucks (69); 4 antitank guns (37mm – towed); 2 LMG.
• ATG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (12).
Firing Det: 5 halftracks (10); 3 antitank guns (50mm – towed); 2 trailers (ammo); 2 LMG.
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 car (light); 3 trucks (light); 1 truck (2); 1 truck (medium).

KStN 1147 Motorized Heavy Antitank Rifle Platoon

1.02.1941 Plt Hqs: 1 mcl; 1 mcl w/sc; 1 car (12).
Firing Det: 2 mcl w/sc; 5 trucks (69); 4 antitank rifles (28mm – towed, each on special trailer Ah. 32/2); 2 LMG

KStN 192 Infantry Antiaircraft Company (motorized)

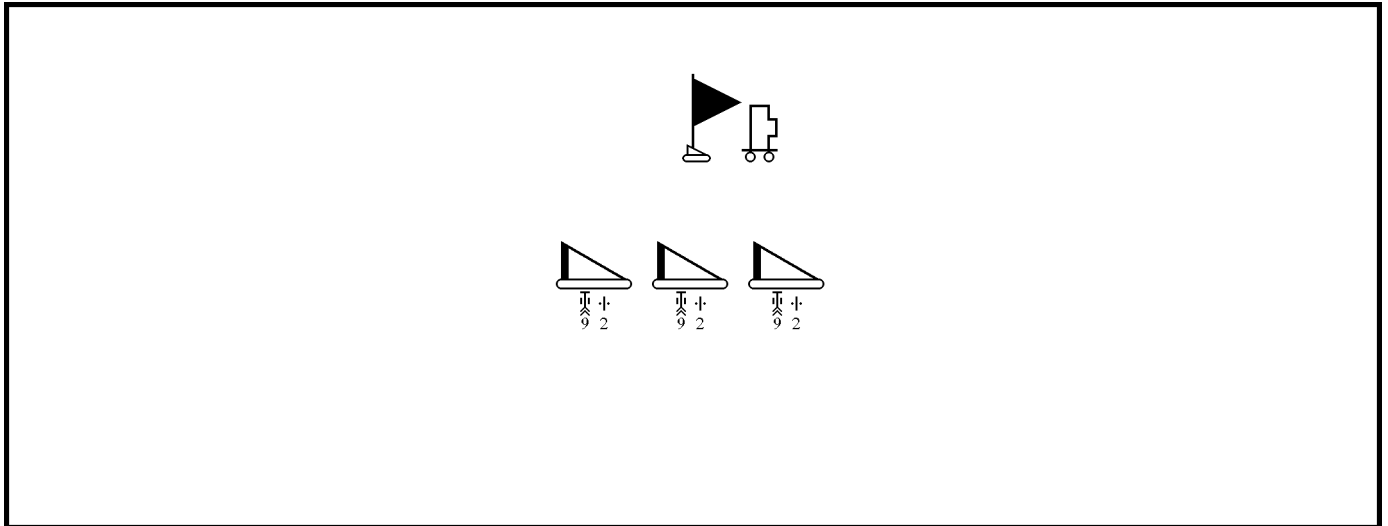
1.02.1941 Co Hqs: 4 mcl; 1 car (1); 1 car (15).
Signal Det: Hqs Sect: 1 car (15).
4 Pack Radio Sect b: 1 car (2).
• AA Plt: Hqs Sect: 3 mcl; 2 cars (15); 1 LMG.
Firing Det: 4 halftracks (10/4 with 20mm Flak); 2 halftracks (10/4 without guns, for ammo); 4 trailers (gun).
• AA Plt: Hqs Sect: 3 mcl; 2 cars (15); 1 LMG.
Firing Det: 6 trucks (81); 4 antiaircraft guns (20mm Flak – towed); 4 trailers (gun).
• Quad AA Plt: Hqs Sect: 5 mcl; 1 car (15); 1 LMG.
Firing Det: 2 halftracks (7/1 with 20mm Quad Flak); 2 halftracks (7/1 without guns, for ammo); 2 trailers (gun).
• Quad AA Plt: Hqs Sect: 5 mcl; 1 car (15); 1 LMG.
Firing Det: 4 trucks (4.5-ton); 2 antiaircraft guns (20mm Quad Flak – towed); 2 trailers (gun).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (medium).
Co Trains: 4 mcl; 1 mcl w/sc; 1 car (15); 2 trucks (light); 2 trucks (2-ton); 2 trucks (3-ton).

NOTES:

The amount and type of antitank guns in the Motorized Antitank Company varied. The KStN allowed for any combination of three platoons (all three platoons with 37mm, two with 37mm and one with 50mm, etc.). The Infantry Antiaircraft Company also had three platoons, which could also vary, having 20mm or 20mm quad guns, and be truck towed or self-propelled by halftrack.

| Pz. Div. | AT Bn | Equipment | Inf. AA Co | Equipment | Pz. Div. | AT Bn | Equipment | Inf. AA Co | Equipment |
|----------|-------|---------------|------------|------------------------|---|-------|------------------|------------|-------------------------|
| 1. | 37 | 8x 37 + 3x 50 | 2./59 | 2 quad + 8 mono (SP'd) | 12. | 2 | 8x 37 + 3x 47(t) | 4./52 | 2 quad + 8 mono (SP'd) |
| 2. | 38 | 8x 37 + 3x 50 | 2./47 | 2 quad + 8 mono (SP'd) | 13. | 13 | 8x 37 + 3x 50 | 4./66 | 2 quad + 8 mono (SP'd) |
| 3. | 543 * | 12x 37 | 6./59 | 2 quad + 8 mono (SP'd) | 14. | 14 | 8x 37 + 3x 50 | 2./608 | 2 quad + 8 mono (SP'd) |
| 4. | 49 | 8x 37 + 3x 50 | 5./66 | 2 quad + 8 mono (SP'd) | 15. | 33 * | 8x 37 + 3x 50 | – | – |
| 5. | 53 | 8x 37 + 3x 50 | 2./55 | 2 quad + 8 mono (SP'd) | 16. | 16 | 8x 37 + 3x 50 | 6./66 | 2 quad + 8 mono (SP'd) |
| 6. | 41 | 4x 37 + 6x 50 | 3./46 | 2 quad + 8 mono (SP'd) | 17. | 27 | 8x 37 + 3x 50 | 1./66 | 12 mono (8 SP'd, 4 mot) |
| 7. | 42 | 4x 37 + 6x 50 | 3./59 | 2 quad + 8 mono (SP'd) | 18. | 88 | 8x 37 + 3x 50 | 631 | 12 mono (8 SP'd, 4 mot) |
| 8. | 43 | 4x 37 + 6x 50 | 4./48 | 2 quad + 8 mono (SP'd) | 19. | 19 | 4x 37 + 6x 50 | – | – |
| 9. | 50 | 8x 37 + 3x 50 | 3./47 | 2 quad + 8 mono (SP'd) | 20. | 92 | 4x 37 + 6x 50 | – | – |
| 10. | 90 | 8x 37 + 3x 50 | 3./55 | 2 quad + 8 mono (SP'd) | 5. lei | 39 | 9x 50 | – | – |
| 11. | 61 | 8x 37 + 3x 50 | 1./608 | 2 quad + 8 mono (SP'd) | * Plus one 28mm ATR Platoon in the battalion. | | | | |

PANZERJÄGER-ABTEILUNG (mot S)
Motorized Antitank Battalion



KStN 1106 *) Headquarters, Motorized Antitank Battalion

1.02.1941

Bn Hqs: 2 mcl; 1 mcl w/sc; 1 car (15); 1 car (12); 1 car (21).

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

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

KStN 1192 Signal Platoon, Motorized Antitank Battalion

1.02.1941

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

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

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

2 Lt Armd Radio Sect d: 1 armored radio car (261).

KStN 1148 *) Self-Propelled Antitank Company

1.02.1941

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

3 Plt: 1 mcl; 1 mcl w/sc; 3 self-propelled antitank guns (47mm(t) on Pz-I chassis); 1 halftrack (10); 1 trailer (ammo).

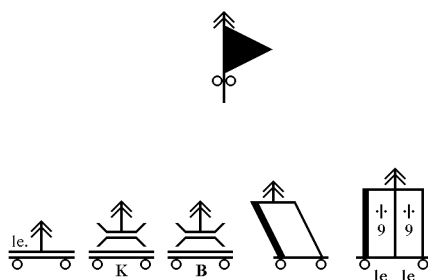
Co Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 halftrack (10).

Co Trains: 1 mcl; 1 mcl w/sc; 1 AA car (4 with 2 MG); 1 car (light); 2 trucks (light); 2 trucks (2-ton); 5 trucks (3-ton); 2 trailers (ammo).

NOTES:

Applied to the GHQ Troops 606. Panzerjäger-Abteilung (mot S) permanently assigned to the 5. leichte Division (mot) in North Africa.

PANZER-PIONIER-BATAILLON **Armored Combat Engineer Battalion**



KStN 703
1.02.1941

Headquarters, Armored Combat Engineer Battalion

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

KStN 742
1.02.1941

Motorized Supply Column / Panzer Division

Col Hqs: 1 mcl; 1 mcl w/sc; 1 car (light).
1st Plt: 1 mcl; 1 mcl w/sc; 8 trucks (medium); 1 trailer (compressor); 1 trailer (cargo).
2nd Plt: 1 mcl; 1 mcl w/sc; 7 trucks (medium); 1 ambulance (31); 1 trailer (tool); 1 trailer (fuel).
Col Trains: 1 mcl; 2 trucks (light).

KStN 714
1.02.1941

Motorized Light Combat Engineer Company

Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (15); 2 trucks (2-ton).
2 Pack Radio Sect b: 1 car (15).
3 Engr Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (15).
Engr Det: 1 mcl; 1 mcl w/sc; 2 cars (1); 1 car (15); 6 trucks (2-ton); 3 Combat Engineer Section with 1 LMG.
Co Trains: 2 mcl; 2 trucks (light); 1 truck (medium); 3 trucks (3-ton).

KStN 716
1.02.1941

Armored Combat Engineer Company

Co Hqs: 2 mcl; 1 mcl w/sc; 1 car (medium); 2 Pz-II (121).
2 Pack Radio Sect b: 1 car (15).
1 Armd Radio Sect: 1 armored radio car (263).
3 Armd Plt: 1 mcl; 1 mcl w/sc; 1 car (15); 1 armored radio car (263); 1 truck (3-ton).
6 MTW (251/5) [1]; 2 antitank guns (5cm Pak – towed); 2 trailers (ammo); 3 Combat Engineer Sections with 1 LMG.
1 Bridge Plt: 1 mcl; 1 mcl w/sc; 1 car (15); 1 truck (3-ton); 7 “Brückenleger” (tank hulls without turrets, equipped as bridge layers).
1 Ammo Det: 1 mcl w/sc; 4 trucks (3-ton).
Maint Sect: 2 mcl w/sc; 1 car (2/40); 1 truck (3-ton).
Co Trains: 6 mcl w/sc; 1 truck (2-ton); 12 trucks (3-ton); 1 halftrack (8); 1 trailer (tank).

KStN 733
1.10.1937

Motorized Type B Bridge Column

Col Hqs: 3 mcl; 1 car (light).
2 Bridge Plt: Hqs Sect: 1 mcl; 1 car (15).
Pontoon Sect: 4 halftracks (7); 4 trailers (3 pontoons each).
Pontoon Sect: 4 trucks (3-ton); 4 trailers (3 pontoons each).
Trestle Sect: 2 trucks (3-ton); 2 trailers (trestles).
Transom Sect: 2 trucks (3-ton); 2 trailers (shore transoms).
Boat Sect: 1 truck (3-ton); 1 trailer (with motor boat).
1 Support Plt: Hqs Sect: 2 mcl w/sc.
Ramp Sect: 2 trucks (3-ton); 2 trailers (ramps).
Winch Sect: 1 truck (3-ton); 1 trailer (winch).
Col Trains: 1 truck (light).

KStN 737
1.10.1937

Motorized Type K Bridge Column

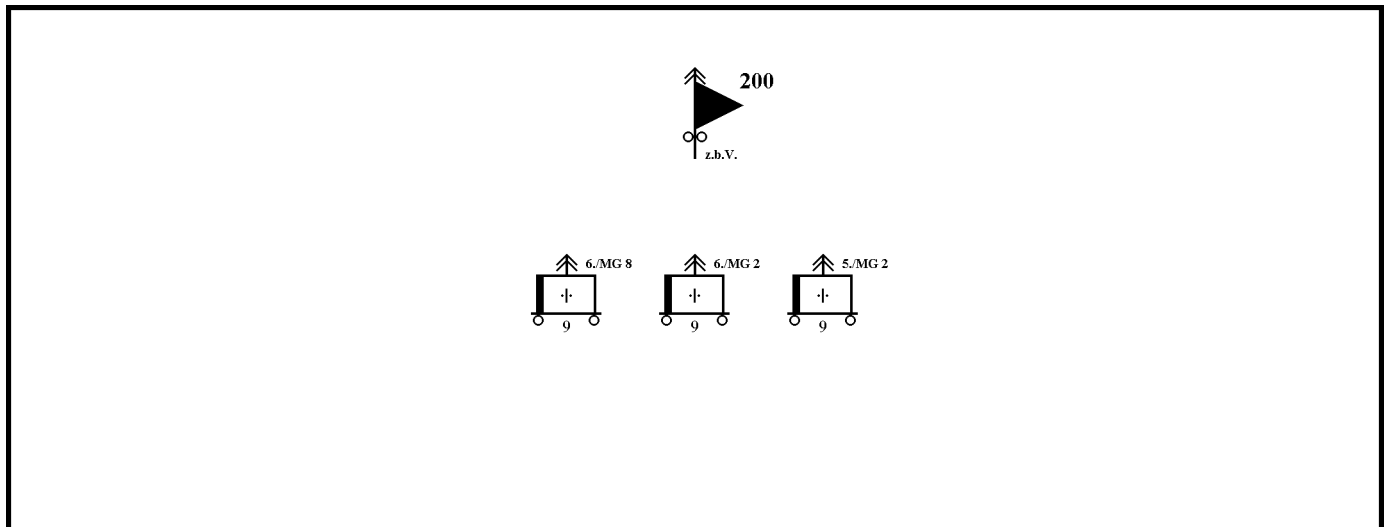
Col Hqs: 3 mcl; 1 car (light).
2 Bridge Plt: Hqs Sect: 1 mcl; 1 mcl w/sc.
Pontoon Sect: 4 trucks (3-ton).
Trestle Sect: 2 trucks (4.5-ton); 1 trailer (with motor boat).
Transom Sect: 4 trucks (4.5-ton).
Tread Sect: 4 trucks (3-ton).
1 Support Plt: 2 mcl w/sc; 6 trucks (medium).
Col Trains: 1 truck (light).

NOTES:

[1] The Sd.Kfz. 251/5 were equipped with six 280/320mm rocket frames each.

| Pz. Div. | Engr Bn | Lt Co | Armd Co | B Bridge | K Bridge | Pz. Div. | Engr Bn | Lt Co | Armd Co | B Bridge | K Bridge |
|----------|---------|-------|---------|----------|----------|----------|---------|-------|---------|----------|----------|
| 1. | 37 | 2 | 1 | 1 | 1 | 11. | 209 | 3 | — | 1 | 2 |
| 2. | 38 | 2 | 1 | — | 1 | 12. | 32 | 3 | — | 1 | 1 |
| 3. | 39 | 2 | 1 | 1 | 1 | 13. | 4 | 3 | — | 1 | 1 |
| 4. | 79 | 2 | 1 | 1 | 1 | 14. | 13 | 3 | — | 1 | 1 |
| 5. | 89 | 2 | 1 | 1 | 1 | 15. | 33 | 1 | 1 | — | — |
| 6. | 57 | 2 | 1 | 1 | 1 | 16. | 16 | 3 | — | 1 | 1 |
| 7. | 58 | 2 | 1 | 1 | 1 | 17. | 17 | 2 | — | 1 | — |
| 8. | 59 | 2 | 1 | 1 | 1 | 18. | 18 | 2 | — | 1 | — |
| 9. | 86 | 2 | 1 | 1 | 1 | 19. | 19 | 2 | — | 1 | 1 |
| 10. | 49 | 2 | 1 | 1 | 1 | 20. | 92 | 2 | — | 1 | — |

PIONIER-BATAILLON z.b.V. 200 (motorisiert)
200th Special Combat Engineer Battalion (motorized)



KStN 703
1.02.1941

Headquarters, Motorized Combat Engineer Battalion

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

KStN 712
1.02.1941

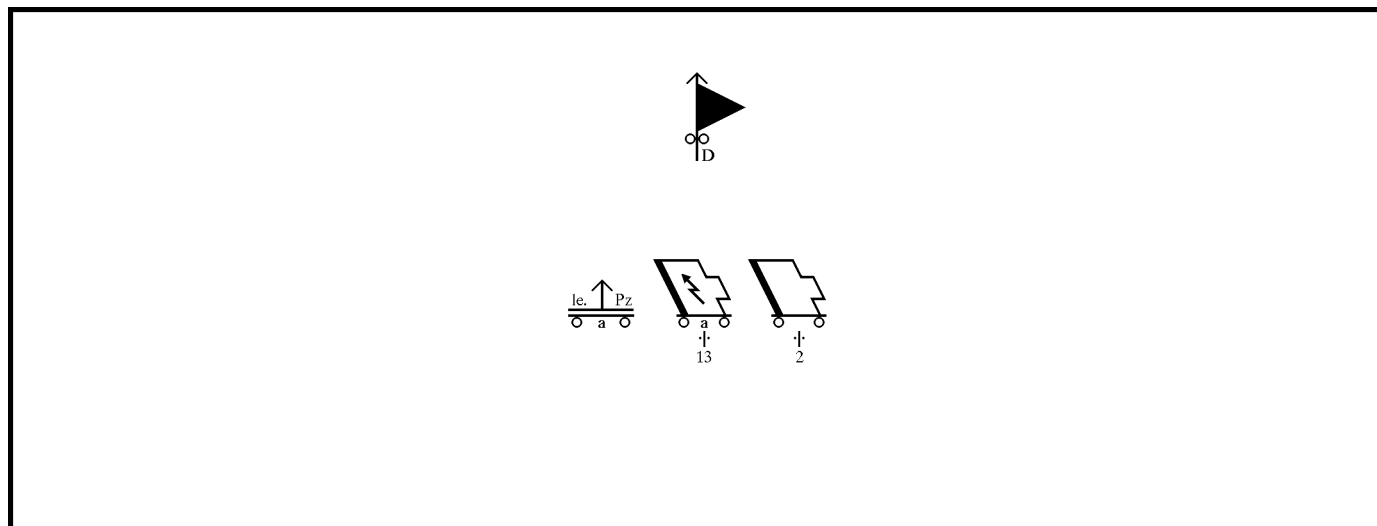
Motorized Combat Engineer Company

Co Hqs: 1 mcl; 4 mcl w/sc; 1 car (15).
2 Pack Radio Sect *b*: 1 car (15).
3 Engr Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (15); 1 truck (3-ton).
Engr Det: 3 trucks (3-ton); 3 Combat Engineer Section with 1 LMG.
Co Trains: 1 mcl; 2 trucks (light); 1 truck (medium).

NOTES:

The Pionier-Battalion z.b.V. 200 headquarters was specifically raised to control the three combat engineer companies of the 5. leichte Division (mot) in North Africa.

PANZER-NACHRICHTEN-ABTEILUNG **Armored Signal Battalion**



KStN 807 *)
1.02.1941

Headquarters, Motorized Divisional Signal Battalion
Bn Hqs: 2 mcl; 3 cars (15); 2 trucks (2-ton).

KStN 971 *)
1.10.1937

Motorized Radio Company / Armored Division
Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (15); 1 truck (2-ton).
1st Plt: Hqs Sect: 2 mcl; 1 car (15).
Armored Command Signal Det: 3 Pz-Bef-III (267); 1 Pz-Bef-III (268).
1 Lt Armd Radio Sect c: 1 AC (260).
6 Lt Armd Radio Sect d: 1 AC (261).
2nd Plt: Hqs Sect: 2 mcl; 1 car (15).
6 Med Armd Radio Sect b: 1 car (15/6); 1 AC (263).
3rd Plt: Hqs Sect: 2 mcl; 1 car (15).
Armored Command Signal Det: 2 Pz-Bef-III (267); 1 Pz-Bef-III (268).
1 Lt Armd Radio Sect c: 1 AC (260).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (3-ton).
Co Trains: 3 mcl; 6 trucks (light); 3 trucks (3-ton); 1 van (42); 1 trailer (generator).

KStN 981 *)
1.10.1937

Armored Signal Company
Co Hqs: 2 mcl; 1 mcl w/sc; 2 cars (15); 1 truck (2-ton).
1st Plt: Hqs Sect: 2 mcl; 1 car (15).
1 Med Armd Radio Sect b: 1 car (15/6); 1 AC (263).
1 Tele Ops Sect a: 1 car (15); 1 van (17).
2 Lt Tele Sect b: 1 car (15).
1 Hvy Tele Sect a: 1 car (2/1); 1 van (77).
2nd Plt: Hqs Sect: 2 mcl; 1 car (15).
4 Hvy Tele Sect b: 1 car (2/1); 1 van (77).
3rd Plt: Hqs Sect: 2 mcl; 1 car (15).
1 Med Armd Radio Sect b: 1 car (15/6); 1 AC (263).
4 Lt Armd Radio Sect d: 1 AC (261).
1 Tele Ops Sect a: 1 car (15/1); 1 van (17).
1 Hvy Tele Sect b: 1 car (2/1); 1 van (77).
4 Lt Tele Sect b: 1 car (15).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (3-ton).
Co Trains: 2 mcl; 1 car (2); 1 truck (light); 5 truck (2-ton); 1 van (42); 1 trailer (generator).

KStN 991
1.10.1937

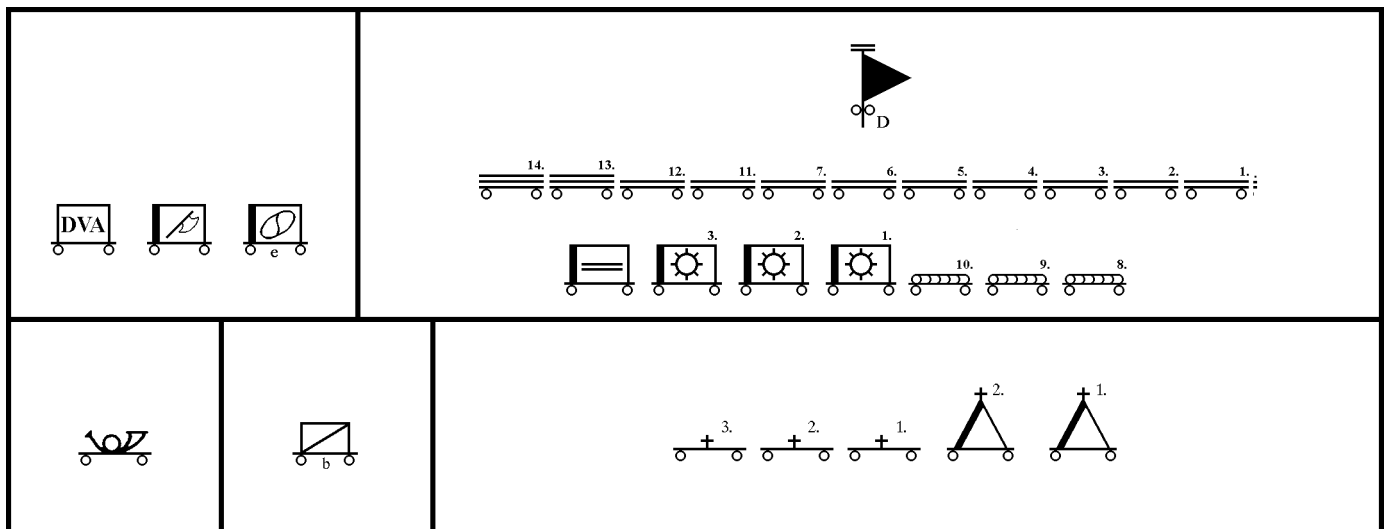
Motorized Light Signal Transport Column
Col: 1 mcl w/sc; 1 car (light); 5 trucks (light); 1 van (42); 1 trailer (generator).

NOTES:

The 5. leichte Division (mot) did not have an armored signal battalion yet. The 2./Nachrichten-Abteilung 39 was an ad-hoc company, consisting of:
1st Radio Platoon, Armored Radio Company (ex KStN 971),
1st Radio Platoon, Motorized Signal Company (ex KStN 858),
Motorcycle Platoon, Division Headquarters (ex KStN 51).

The Panzer-Nachrichten-Abteilung 33 (15. Panzer-Division) had been sunk on 16.04.1941 while enroute to North Africa. The Panzer-Nachrichten-Abteilung 78, raised on 5.05.41 to replace this signal battlion, was still enroute on 22.06.41, and di not reach North Africa until 19.07.41.

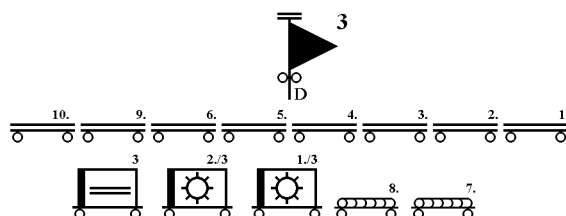
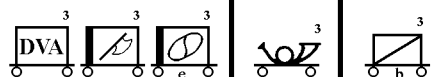
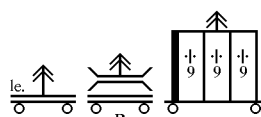
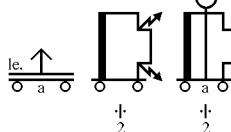
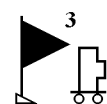
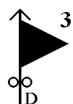
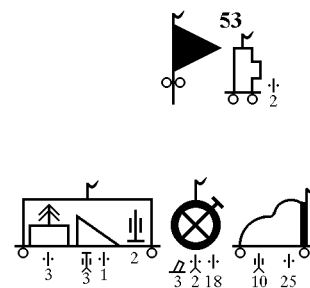
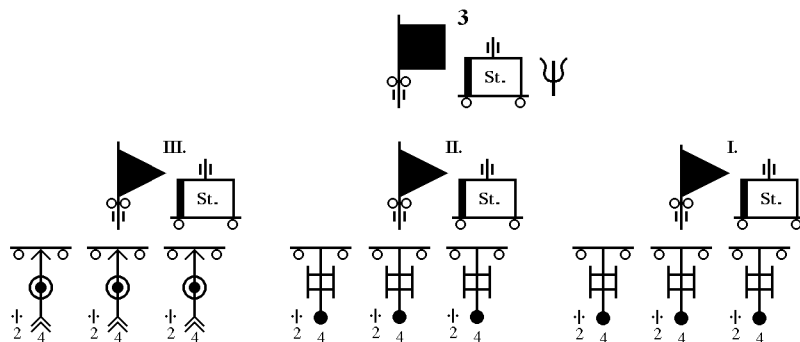
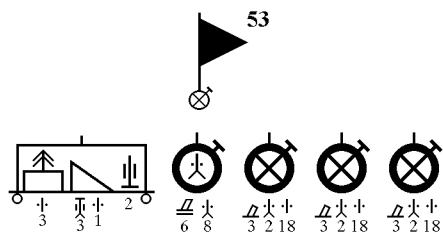
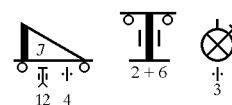
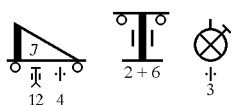
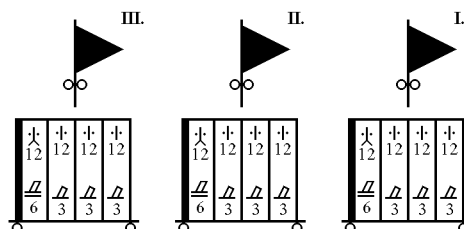
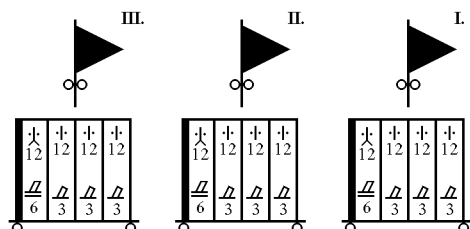
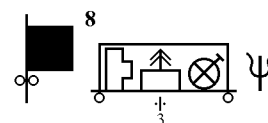
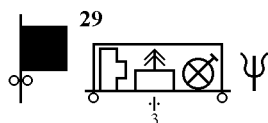
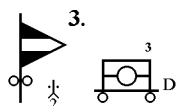
DIVISIONS-VERSORGUNGSDIENSTE – PANZER-DIVISION
Divisional Support Services – Armored Division



- KStN 1208 *) Headquarters, Motorized Divisional Supply Battalion**
 1.03.1939 Bn Hqs: 1 mcl; 4 mcl; 1 car (medium); 1 bus (light/11 seats).
 Bn Trains: 1 truck (light).
- KStN 1225 *) Motorized Transport Column (30 tons)**
 1.10.1937 Col Hqs: 1 mcl; 1 mcl w/sc; 2 cars (light).
 2 Sect: 5 trucks (medium).
 1 Sect: 1 mcl w/sc; 1 truck (light).
- KStN 1231 Motorized Transport Column (60 tons)**
 1.10.1937 Col Hqs: 1 mcl; 1 mcl w/sc; 1 car (light).
 4 Sect: 5 trucks (medium).
 1 Sect: 1 mcl w/sc; 2 trucks (light).
- KStN 1226 Motorized Fuel Transport Column (25 m³)**
 1.10.1937 Col Hqs: 1 mcl; 1 mcl w/sc; 1 car (light).
 2 Sect: 5 trucks (medium).
 1 Sect: 1 mcl w/sc; 1 truck (light).
- KStN 1052 *) Motorized Motor Maintenance Company**
 1.02.1941 Co Hqs: 1 mcl; 1 car (light).
 2 Maint Plt: 1 mcl w/sc; 1 car (light); 1 truck (light); 1 truck (heavy); 1 bus (medium/31 seats); 1 van (79); 1 halftrack (7); 1 trailer (cargo); 1 trailer (tool).
 1 Armorer Plt: 2 mcl w/sc; 1 truck (2-ton); 4 trucks (medium).
 Co Trains: 1 mcl w/sc; 1 car (light); 2 trucks (light).
- KStN 1255 *) Motorized Supply Company**
 1.02.1941 Co Hqs: 2 mcl w/sc; 1 car (light); 1 truck (light).
 3 Supply Plt: 1 mcl w/sc; 3 trucks (medium).
 1 Technical Plt: 1 mcl w/sc; 3 trucks (medium).
 Co Trains: 1 mcl; 1 truck (light).
- KStN 7737 *) Motorized Detachment with Spare Parts for Armored Vehicles (30 ton)**
 ? Col Hqs: 1 mcl; 1 mcl w/sc; 2 cars (light).
 2 Sect: 5 trucks (medium).
 1 Sect: 1 mcl w/sc; 1 truck (light).
- KStN 2086 *) Motorized Divisional Commissary Detachment**
 1.10.1937 Det: 1 mcl; 4 trucks (medium).
- KStN 1282 *) Motorized Butcher Platoon**
 1.02.1941 Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (light).
 2 Plt: 3 trucks (medium); 1 trailer (generator).
 Co Trains: 1 mcl w/sc; 1 car (light); 3 trucks (light).
- KStN 1277 *) Motorized Baker Company e**
 1.02.1941 Co Hqs: 1 mcl; 1 car (light).
 2 Plt: 3 trucks (heavy); 1 truck (heavy – water); 1 bus (medium/33 seats); 1 trailer (dough mixer); 2 trailers (oven).
 Co Trains: 1 mcl w/sc; 1 car (light); 3 trucks (light).
- KStN 1313 Motorized Medical Company**
 1.10.1937 Co Hqs: 1 mcl; 1 mcl w/sc; 2 cars (15); 1 truck (light); 1 bus (light).
 2 Plt: 1 truck (light); 5 trucks (medium); 1 van (medium); 4 ambulances (31).
- KStN 1365 *) Motorized Ambulance Platoon**
 1.10.1937 Plt Hqs: 4 mcl w/sc; 2 cars (light).
 2 Sect: 8 ambulances (31).
- KStN 2033b *) Motorized Military Police Detachment**
 1.10.1938 Det: 12 mcl; 4 mcl w/sc; 14 cars (light); 1 truck (light).
- KStN 2251 Motorized Field Post Detachment**
 1.02.1941 Det: 1 car (medium); 2 motor buses (33 seats – modified for office use); 2 trucks (light).

Equipped with French motor vehicles.

22.06.1941



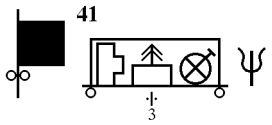


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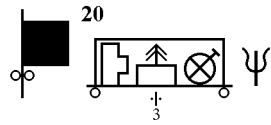


22.06.1941

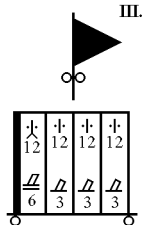
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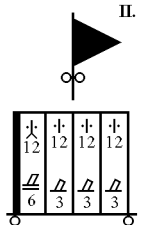
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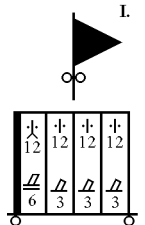
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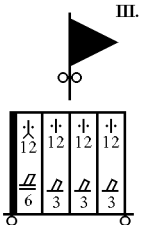
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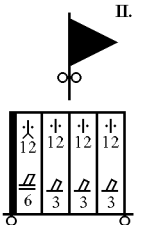
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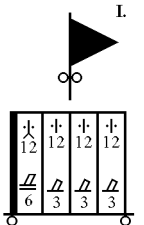
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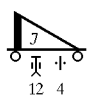


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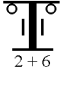


I.

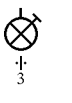




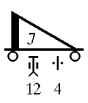
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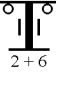
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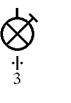
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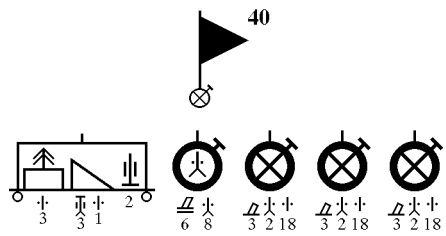


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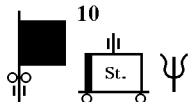


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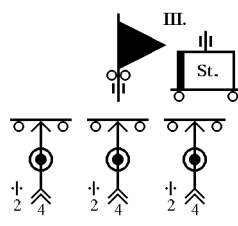
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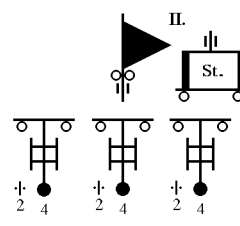
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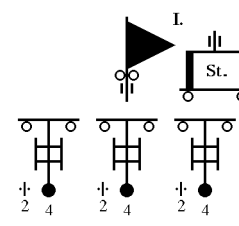
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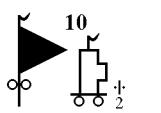
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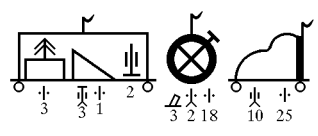


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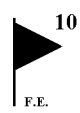


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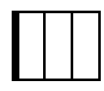




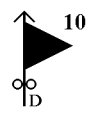
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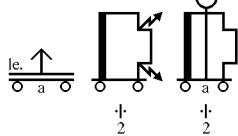
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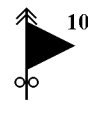
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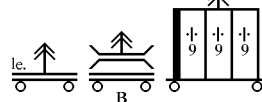


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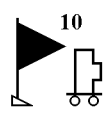


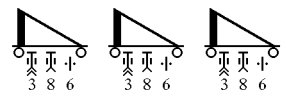
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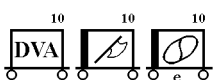


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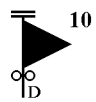
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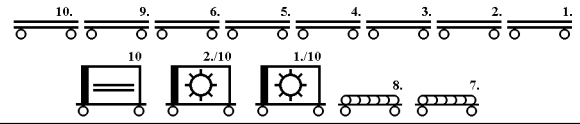


10



10





3/10



2/10



1/10



10



2/10



1/10



10



2/10



1/10



8.

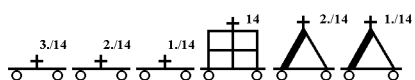
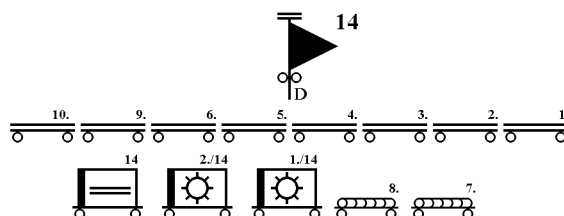
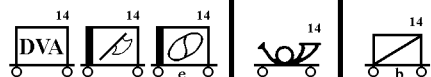
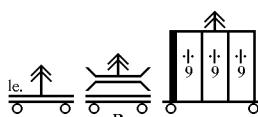
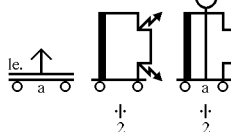
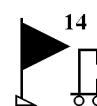
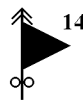
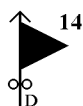
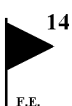
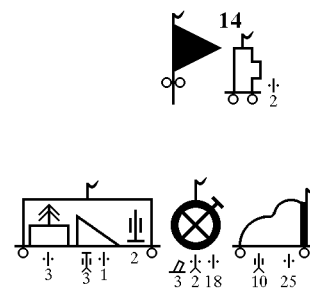
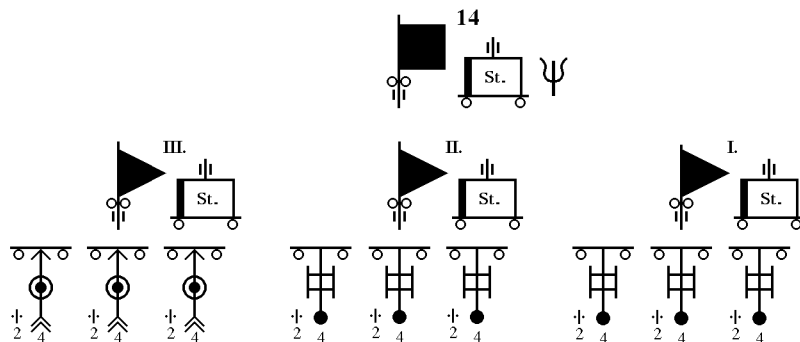
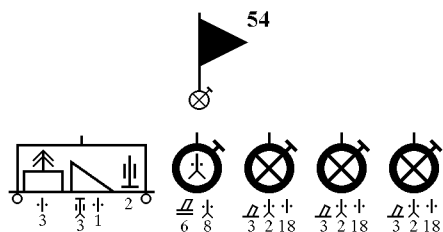
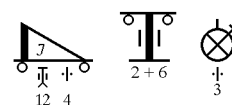
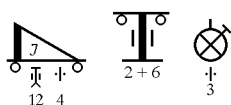
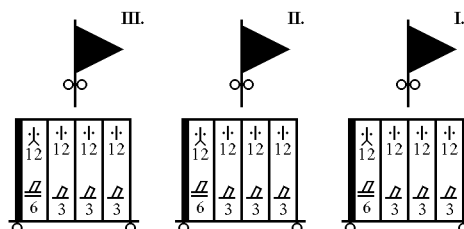
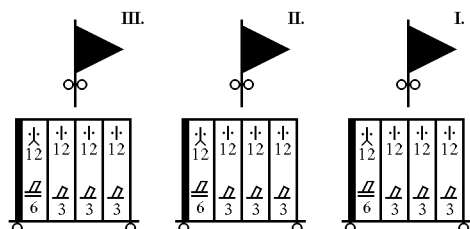
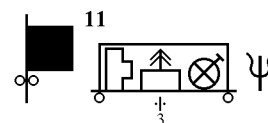
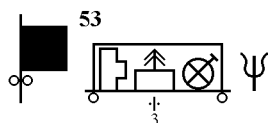
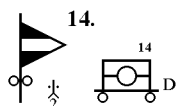


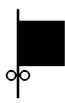
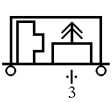
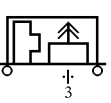
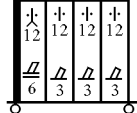
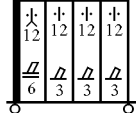
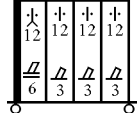
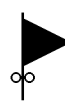
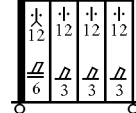
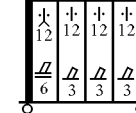
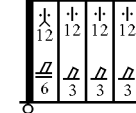
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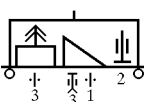
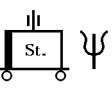
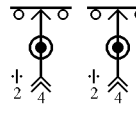
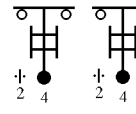
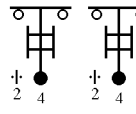
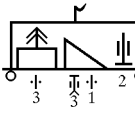
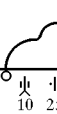
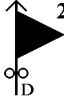
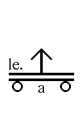
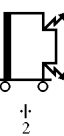
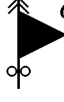
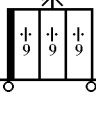


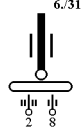
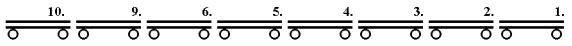
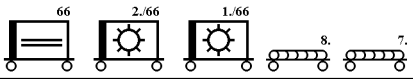
Equipped with French motor vehicles.

22.06.1941



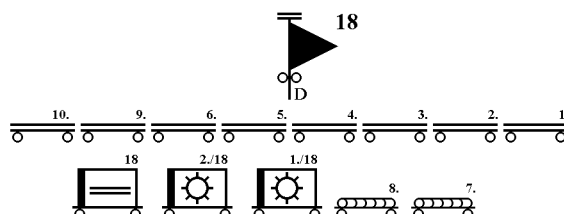
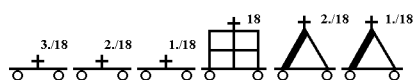
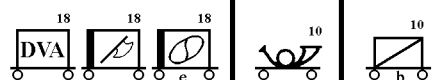
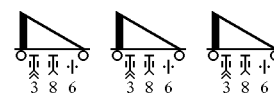
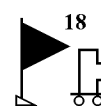
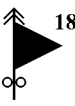
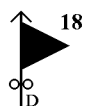
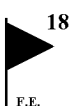
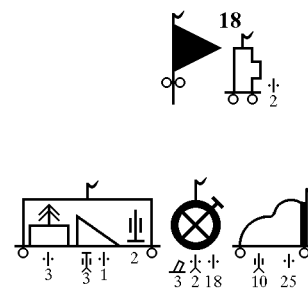
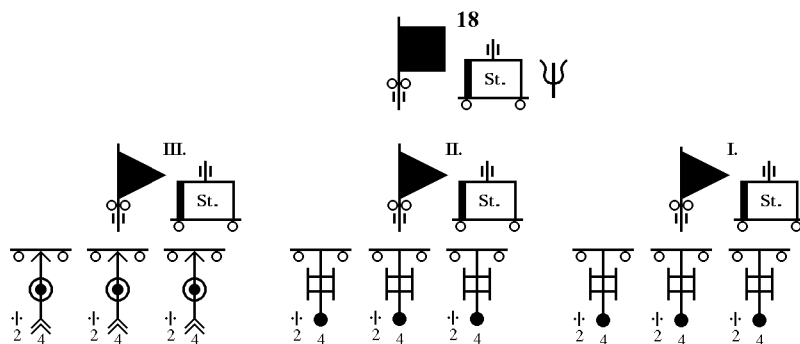
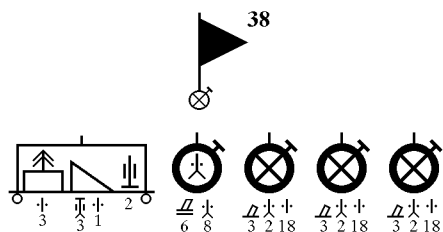
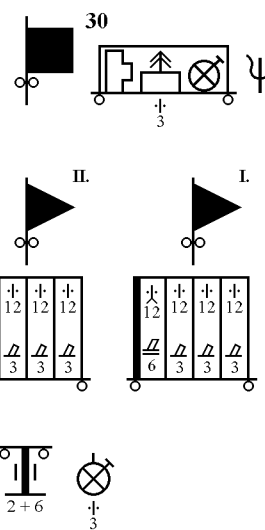
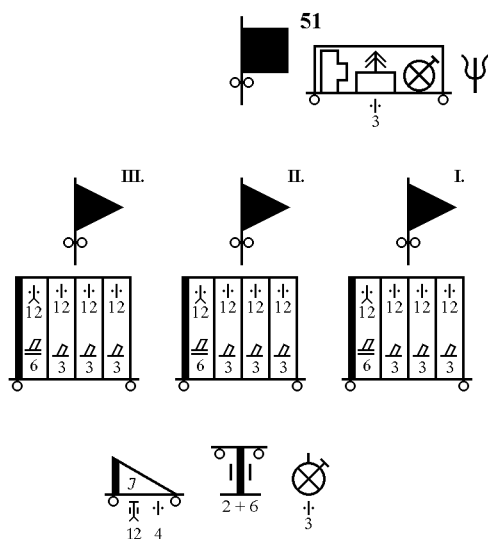
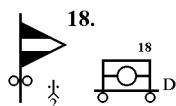
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|--|--|--|--|
| 22.06.1941 | | 16.
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| 165

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| 66
 F.E.
 | 228
 D
  | 675

  | 228

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  $\frac{1}{a}$ </div> <div style="text-align: center;"> 66
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Equipped with French motor vehicles.

22.06.1941



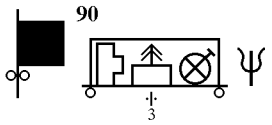


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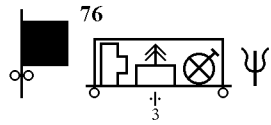


22.06.1941

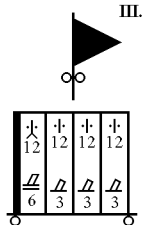
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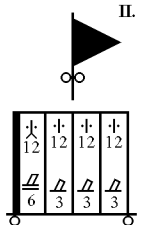
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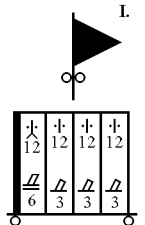
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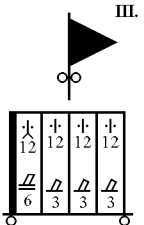
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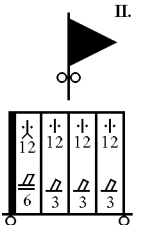
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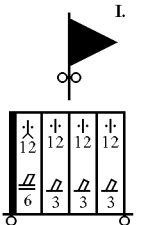
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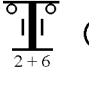


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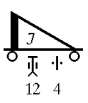
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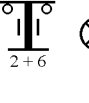
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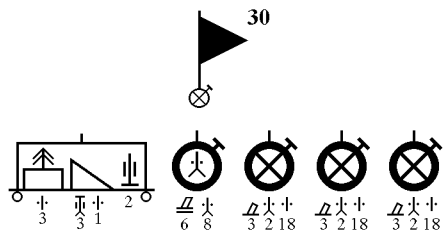


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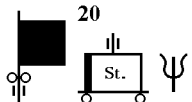


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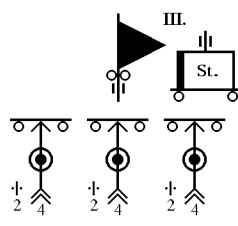
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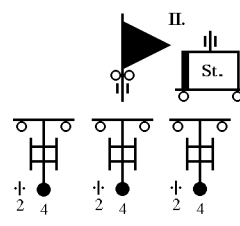
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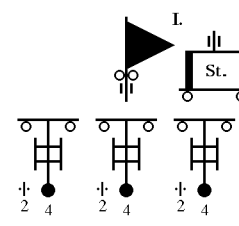
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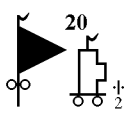
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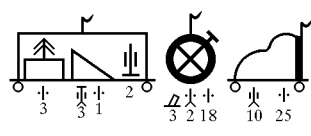


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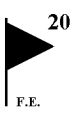


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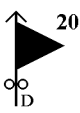
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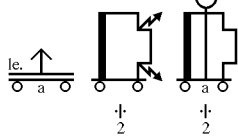
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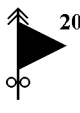
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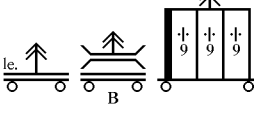


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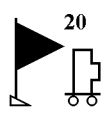


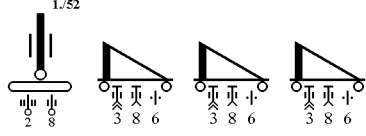
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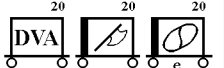


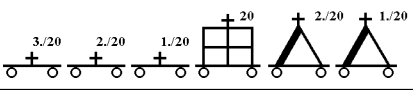
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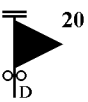


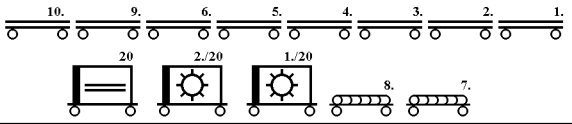
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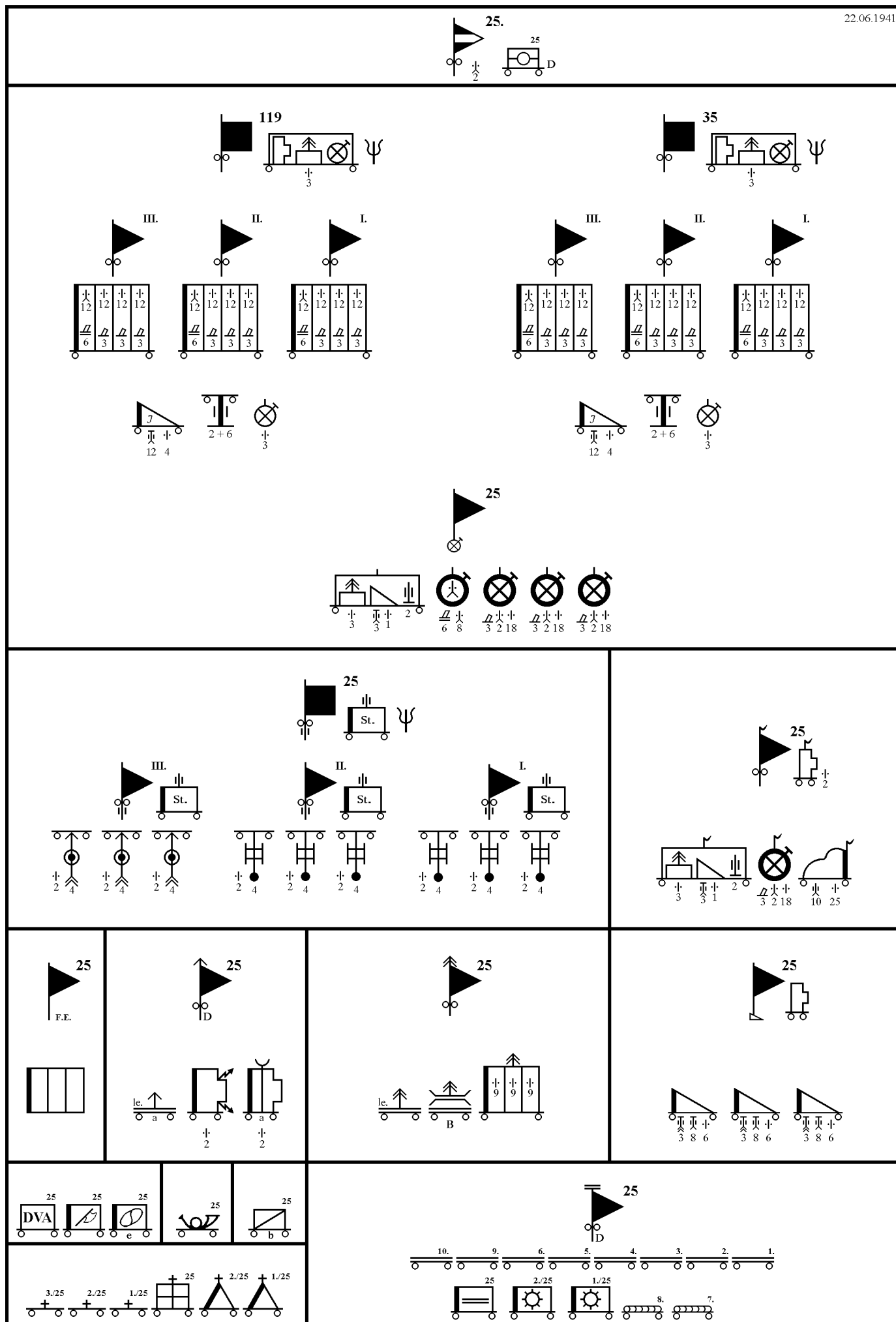




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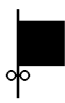


22.06.1941
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22.06.1941

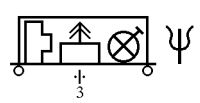


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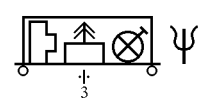


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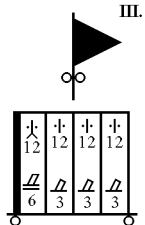




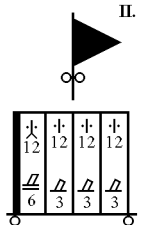
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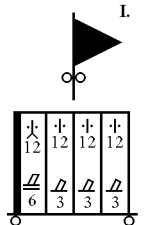
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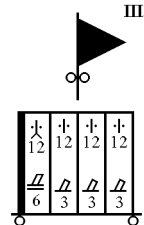
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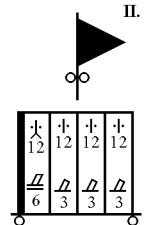
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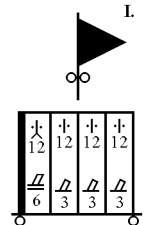
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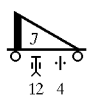


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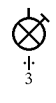




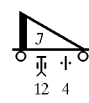
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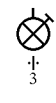
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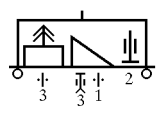
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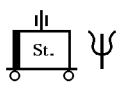




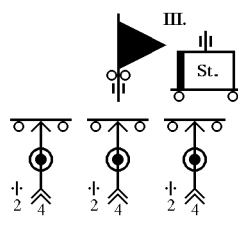




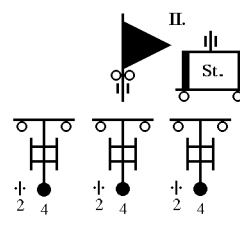

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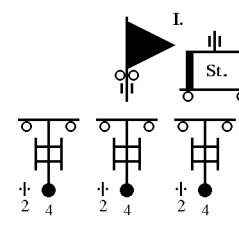
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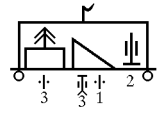
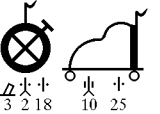
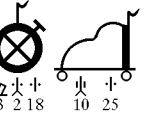
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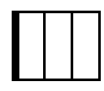




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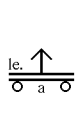
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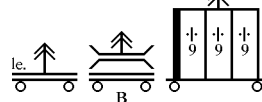
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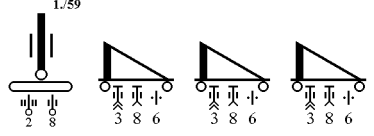


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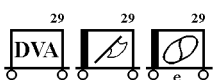




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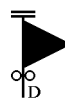
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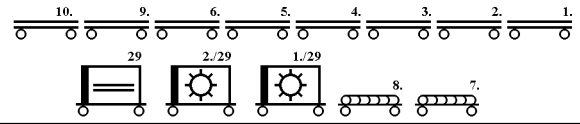


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29



2/29



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29



2/29



1/29



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22.06.1941

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III. II. I.

III. II. I.

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7 12 4

2+6

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3 2 18

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III. II. I.

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160

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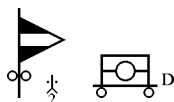
2/160

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8.

7.

STAB, INFANTERIE-DIVISION (motorisiert)
Headquarters, Infantry Division (motorized)



KStN 23 *)
1.02.1941

Headquarters, Infantry Division (motorized)

Div Hqs:
 Command Staff (*Ia*):
 Command Staff (*Ic*):
 Quartermaster Staff (*Ib*):
 Commissary Staff (*IVa*):
 Medical Staff (*IVb*):
 Adjutant Staff (*IIa*):
 Advocate General Staff (*III*):
 Field Bishop (*V*):
 Headquarters Detachment
 Commandant:
 Supply Sect:
 Baggage Sect:
 Divisional Guards Sect: 2 HMG.
 Motor Pool: 2 mcl; 2 cars (light); 3 cars (medium); 4 cars (11); 1 car (21);
 4 trucks (light); 1 truck (medium); 2 vans (ambulance);
 2 buses (light); 1 bus (heavy – converted to command office vehicle).

KStN 2076
1.02.1941

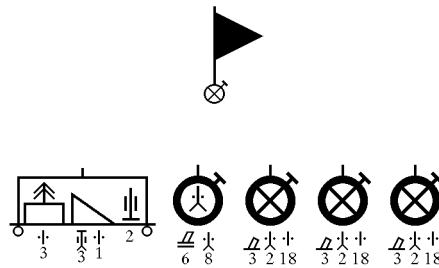
Motorized Divisional Mapping Detachment

Det: 1 car (1); 1 bus (light – converted to office use).

| Division | Inf
Rgt | Inf
Rgt | Mcl
Bn | Art
Rgt | Recon
Bn | AT
Bn | AA
Co | Engr
Bn | Signal
Bn | Div
Services | Commander |
|----------------------|------------|------------|-----------|------------|-------------|----------|----------|------------|--------------|-----------------|--------------------------------------|
| 3. Infanterie (mot) | 8 | 29 | 53 | 3 | 53 | 3 | – | 3 | 3 | 3 | Gen.Lt. Curt Jahn |
| 10. Infanterie (mot) | 20 | 41 | 40 | 10 | 10 | 10 | – | 10 | 10 | 10 | Gen.Lt. Friedrich-Wilhelm von Loeper |
| 14. Infanterie (mot) | 11 | 53 | 54 | 14 | 14 | 14 | – | 14 | 14 | 14 | Gen.Maj. Friedrich Fürst |
| 16. Infanterie (mot) | 60 | 156 | 165 | 146 | 341 | 228 | 6./31 | 675 | 228 | 66 | Gen.Maj. Sigfrid Henrici |
| 18. Infanterie (mot) | 30 | 51 | 38 | 18 | 18 | 18 | – | 18 | 18 | 18 | Gen.Maj. Friedrich Herrlein |
| 20. Infanterie (mot) | 76 | 90 | 30 | 20 | 20 | 20 | 1./52 | 20 | 20 | 20 | Gen.Maj. Hans Zorn |
| 25. Infanterie (mot) | 35 | 119 | 25 | 25 | 25 | 25 | – | 25 | 25 | 25 | Gen.Lt. Heinrich Clössner |
| 29. Infanterie (mot) | 15 | 71 | 29 | 29 | 29 | 29 | 1./59 | 29 | 29 | 29 | Gen.Maj. Walter von Bolterstern |
| 36. Infanterie (mot) | 87 | 118 | 36 | 36 | 36 | 36 | – | 36 | 36 | 36 | Gen.Lt. Otto Ottenbacher |
| 60. Infanterie (mot) | 92 | 120 | 160 | 160 | 160 | 160 | 3./608 | 160 | 160 | 160 | Gen.Lt. Friedrich-Georg Eberhardt |

KRADSCHÜTZEN-BATAILLON

Motorcycle Infantry Battalion



KStN 1109
1.02.1941

Headquarters, Motorcycle Infantry Battalion

Bn Hqs: 5 mcl; 3 mcl w/sc; 2 cars (15).
Signal Det: Hqs Sect: 1 car (2).
2 Lt Armd Radio Sect: 1 armored radio car (261).
2 Pack Radio Sect b: 1 car (15).
1 Lt Tele Sect: 1 car (15).
Bn Maint Det: 1 mcl w/sc; 1 car (light); 1 car (2/40); 5 trucks (2-ton).
Hqs Trains: 3 mcl; 2 cars (light); 7 trucks (light); 1 ambulance (31).

KStN 1112
1.02.1941

Motorcycle Infantry Company

Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (15); 1 car (18).
3 Inf Plt: Hqs Sect: 2 mcl; 1 car (15); 1 car (18); 1 trailer (cargo).
3 Inf Sqd: 4 mcl w/sc; 1 Infantry Squad w/ 2 LMG.
1 Mortar Sect: 2 mcl w/sc; 1 mortar (50mm).
MG Det: Hqs Sect: 2 mcl w/sc.
2 MG Sect: 4 mcl w/sc; 1 HMG.
Co Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (light).
Co Trains: 2 mcl; 1 mcl w/sc; 1 car (light); 7 trucks (light).

KStN 1118
1.02.1941

Motorcycle Machine Gun Company

Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (15); 1 car (18).
2 Lt Tele Sect: 1 car (15).
2 MG Plt: Hqs Sect: 1 mcl; 3 mcl w/sc; 1 car (15); 1 car (18).
2 HMG Sect: 3 mcl w/sc; 1 HMG.
2 HMG Sect: 4 mcl w/sc; 1 HMG.
Mortar Plt: Hqs Sect: 1 mcl w/sc; 1 car (15).
3 Martar Sect: 3 trucks (70); 2 trailers (ammo); 2 mortars (81mm).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (light).
Co Trains: 1 mcl; 1 mcl w/sc; 1 car (15); 6 trucks (light).

Motorized Heavy Company

KStN 1121
1.02.1941

Headquarters, Motorized Heavy Company

Hqs Sect: 2 mcl; 2 mcl w/sc; 1 car (15).
Main Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (light).
Co Trains: 1 mcl; 1 mcl w/sc; 1 car (15); 6 trucks (light).

KStN 1122
1.02.1941

Motorized Antitank Platoon

Plt Hqs: 1 mcl; 1 mcl w/sc; 1 truck (69).
Firing Det: 4 truck (69); 3 antitank guns (37mm – towed); 1 LMG.

KStN 1123
1.02.1941

Motorized Infantry Gun Platoon

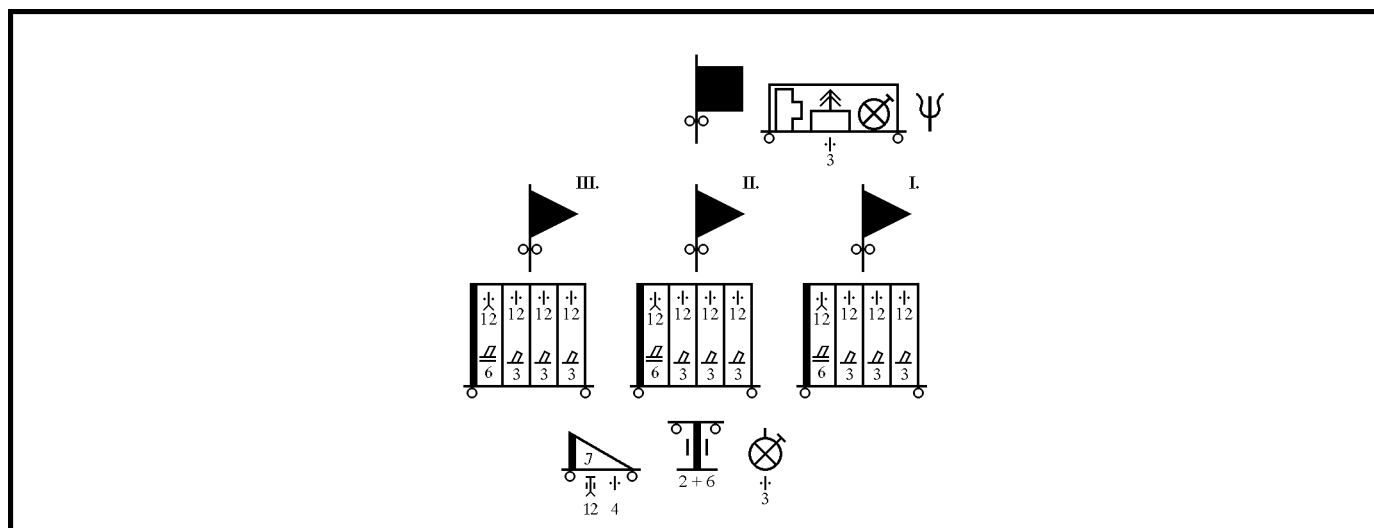
Plt Hqs: 1 mcl; 2 mcl w/sc; 1 truck (69); 1 trailer (ammo).
Lt Tele Sect d: 1 car (15).
Firing Det: 1 mcl w/sc; 3 trucks (69); 2 infantry guns (75mm – towed); 1 trailer (ammo).

KStN 1124
1.02.1941

Motorized Engineer Platoon

Plt Hqs: 2 mcl; 2 mcl w/sc; 1 car (15).
Engineer Det: 1 mcl w/sc; 2 cars (15); 5 trucks Pi.Kw. III (2-ton); 1 truck (3-ton); 1 trailer (compressor); 3 Engineer Sections w/ 1 LMG..

INFANTERIE-REGIMENT (motorisiert)
Infantry Regiment (motorized)



KStN 103c *) Headquarters, Motorized Infantry Regiment

1.02.1941 Rgt Hqs: 5 mcl; 2 mcl w/sc; 2 cars (12).

KStN 129 *) Headquarters Company, Motorized Infantry Regiment

1.02.1941 Co Hqs: 2 mcl; 2 mcl w/sc; 1 car (12).
 Mcl Plt: Hqs Sect: 1 mcl; 2 cars (15).
 4 Sect: 1 mcl; 5 mcl w/sc.
 Signal Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 3 cars (15).
 2 Tele Sect c: 1 car (15).
 4 Pack Radio Sect d: ride in headquarters vehicles.
 4 Radio Sect e: 1 van (17).
 Engr Plt: Plt Hqs: 1 mcl; 1 mcl w/sc; 1 car (15).
 3 Engr Sect: 1 mcl; 1 truck Pi.Kw. III (2-ton); 1 truck (2-ton); 1 Engineer Section w/ 1 LMG.
 Band: 1 bus (33 seats)
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 mcl; 2 cars (light); 3 trucks (light); 1 truck (medium).

KStN 176 *) Infantry Gun Company (motorized)

1.02.1941 Co Hqs: 5 mcl; 2 mcl w/sc; 2 cars (15).
 Signal Det: 2 Lt Tele Sect d: 1 car (15).
 2 Pack Radio Sect d: 1 car (2).
 3 Lt IG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (12).
 Firing Det: 6 cars (12); 4 light infantry guns (75mm – towed); 2 trailers (ammo).
 1 Hy IG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (12).
 Lt Tele Sect d: 1 car (15).
 Firing Det: 4 trucks(3-ton) or 4 halftracks (10) ; 2 heavy infantry guns (150mm – towed).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 1 truck (2-ton); 1 truck (medium); 1 truck (3-ton).

KStN 184c Infantry Antitank Company (motorized)

1.02.1941 Co Hqs: 4 mcl; 2 mcl w/sc; 1 car (12).
 4 ATG Plt: Hqs Sect: 3 mcl; 1 mcl w/sc; 1 car (12).
 Gun Det: 2 cars (12); 3 halftracks (10); 3 antitank guns (37mm – towed); 1 trailer (ammo).
 Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 2 mcl w/sc; 1 car (light); 2 trucks (light); 2 trucks (2-ton).

KStN 147 Motorcycle Scout Platoon

1.02.1941 Plt Hqs: 3 mcl; 1 car (1); 1 car (18).
 3 Scout Sect: 8 mcl; 1 mcl w/sc; 1 LMG.

NOTES:

The 16. and 60. Infanterie-Division (motorisiert) did not have Motorcycle Platoons in the regimental headquarters companies. The regimental Motorcycle Scout Platoons were also missing.

In combat situations, the band members were used as stretcher bearers.

INFANTERIE-REGIMENT (motorisiert)
Infantry Regiment (motorized)

KStN 115c *) Headquarters, Infantry Battalion (motorized)

1.01.1941 Bn Hqs: 4 mcl; 2 mcl w/sc; 1 car (1); 2 cars (15).
 Signal Det: Hqs Sect: 1 car (15); 1 truck (2-ton).
 1 Lt Tele Sect *d*: rides in headquarters car.
 1 Lt Tele Sect *d*: rides in headquarters truck.
 2 Pack Radio Sect *d*: ride in headquarters truck.
 2 Pack Radio Sect *d*: 1 car (2).
 Bn Main Det: 1 mcl w/sc; 1 car (2/40); 1 car (light); 1 truck (light); 2 trucks (3-ton).
 Hqs Trains: 1 mcl; 1 mcl w/sc; 3 cars (light); 4 trucks (medium); 6 trucks (3-ton); 1 ambulance (31).

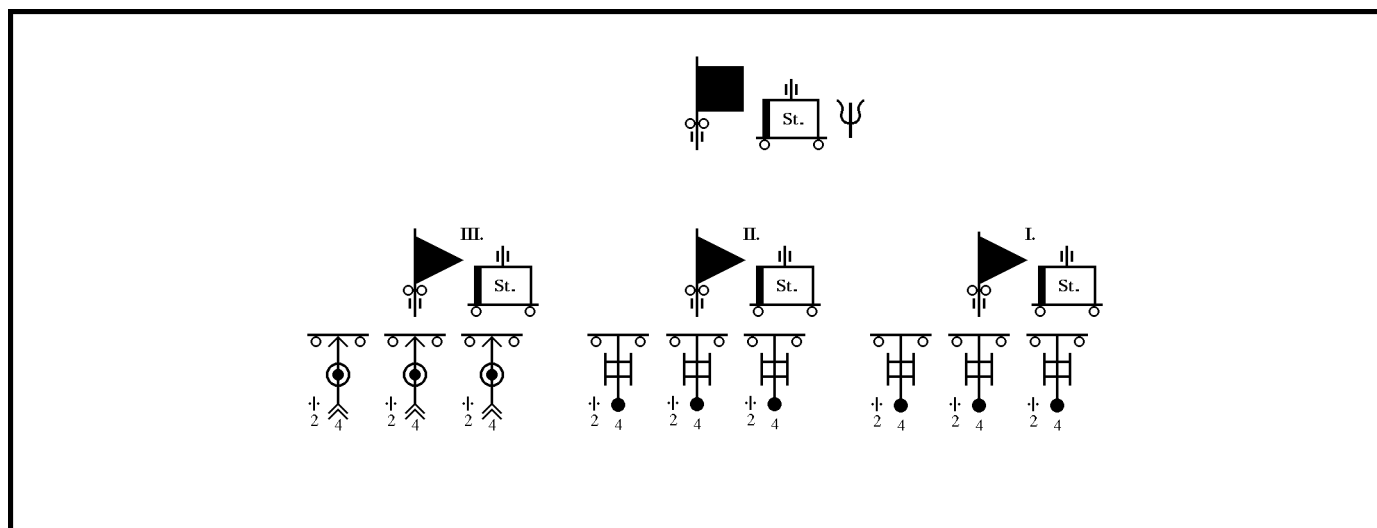
KStN 138c *) Infantry Company (motorized)

1.02.1941 Co Hqs: 3 mcl; 2 mcl w/sc; 1 car (15); 1 truck (medium).
 3 Inf Plt: Hqs Sect: 1 mcl. (2 LMG as equipment reserve). (Headquarters personnel rides in one of the trucks).
 4 Inf Sqd: 1 truck (medium); 1 Infantry Squad w/ 1 LMG.
 Mortar Sect: 1 mortar (light). (Mortar with crew rides in one of the trucks).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 1 truck (light); 1 truck (medium).

KStN 161c *) Machine Gun Company (motorized)

1.02.1941 Co Hqs: 3 mcl; 2 mcl w/sc; 2 cars (15).
 2 HMG Plt: Hqs Sect: 1 mcl w/sc; 1 car (15); (1 truck (medium) with 2 HMG as reserve).
 MG Det: 2 trucks (medium); 4 HMG.
 1 Mortar Plt: Hqs Sect: 1 mcl; 1 car (11).
 Mortar Det: 3 motorcycle; 6 trucks (medium); 6 mortars (81mm).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (light); 1 truck (light); 2 trucks (medium).

ARTILLERIE-REGIMENT (motorisiert)
Artillery Regiment (motorized)



KStN 410 *)

1.02.1941

Headquarters, Artillery Regiment (motorized)

Rgt Hqs: 4 mcl; 1 car (1); 3 cars (15); 1 bus (medium).

KStN 578 *)

1.02.1941

Headquarters Battery, Artillery Regiment (motorized) / Infantry Division (motorized)

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

Signal Plt: Hqs Sect: 1 mcl w/sc.

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

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

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

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

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

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

Weather Sect: 1 car (1); 1 van (62).

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

Printing Sect: 1 mcl; 1 car (light); 1 truck (medium); 1 van (62); 1 trailer (generator).

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

Band: 1 bus (medium).

Bty Trains: 2 cars (light); 1 AA car (4 with 2 MG); 1 car (15); 4 trucks (medium).

Inf. Div. Types of Heavy Batteries

| | |
|-----|------------------------|
| 3. | 3 of sFH |
| 10. | 3 of sFH |
| 14. | 3 of sFH |
| 16. | 2 of sFH + 1 of 10cm K |
| 18. | 3 of sFH |
| 20. | 3 of sFH |
| 25. | 3 of sFH |
| 29. | 3 of sFH |
| 36. | 3 of sFH |
| 60. | 2 of sFH + 1 of 10cm K |

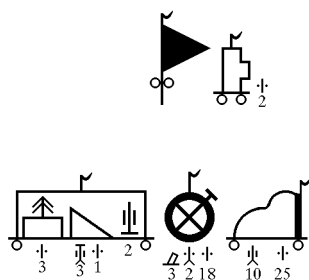
NOTES:

In combat situations, the band members were used as stretcher bearers.

ARTILLERIE-REGIMENT (motorisiert) Motorized Artillery Regiment

| | |
|---------------------------------|--|
| KStN 406
1.02.1941 | Headquarters, Artillery Battalion (motorized)
Bn Hqs: 3 mcl; 2 mcl w/sc; 1 car (1); 2 cars (15). |
| KStN 586 *)
1.02.1941 | Headquarters Battery, Artillery Battalion (motorized) / Infantry Division (motorized)
Bty Hqs: 2 mcl; 1 car (15).
Signal Plt: Hqs Sect: 1 mcl w/sc.
1 Med Tele Sect b: 1 car (15); 1 van (76).
3 Lt Tele Sect c: 1 car (15).
4 Pack Radio Sect b: 1 car (2).
1 Lt Radio Sect c: 1 van (17).
Calibration Sect: 1 mcl; 1 car (3); 1 truck (2-ton).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Armorer Sect: 1 mcl; 2 trucks (medium).
Bn Maint Det: 1 mcl; 1 car (light); 2 trucks (3-ton).
Bn Supply Det: 1 car (light); 9 trucks (medium).
Bty Trains: 1 AA car (4 with 2 MG); 2 cars (light); 6 trucks (medium); 1 ambulance (31). |
| KStN 434 *)
1.02.1941 | Light Field Howitzer Battery (motorized) / Infantry Division (motorized)
Bty Hqs: 3 mcl; 3 cars (15).
Signal Det: Hqs Sect: 1 car (15).
1 Med Tele Sect b: 1 car (15); 1 van (76).
1 Lt Tele Sect c: 1 car (15).
1 Pack Radio Sect f: 1 car (2).
Firing Plt: 1 mcl; 1 car (1); 1 AA car (4 with 2 MG); 1 car (15); 5 halftracks (11); 4 field howitzers (105mm – towed).
Ammo Det: 1 car (light); 4 trucks (3-ton).
Bty Main Sect: 1 mcl w/sc; 1 car (2/40).
Bty Trains: 4 trucks (medium). |
| KStN 406
1.02.1941 | Headquarters, Artillery Battalion (motorized)
Bn Hqs: 3 mcl; 2 mcl w/sc; 1 car (1); 2 cars (15). |
| KStN 586 *)
1.02.1941 | Headquarters Battery, Artillery Battalion (motorized) / Infantry Division (motorized)
Bty Hqs: 2 mcl; 1 car (15).
Signal Plt: Hqs Sect: 1 mcl w/sc.
1 Med Tele Sect b: 1 car (15); 1 van (76).
3 Lt Tele Sect c: 1 car (15).
4 Pack Radio Sect b: 1 car (2).
1 Lt Radio Sect c: 1 van (17).
Calibration Sect: 1 mcl; 1 car (3); 1 truck (2-ton).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Armorer Sect: 1 mcl; 2 trucks (medium).
Bn Maint Det: 1 mcl; 1 car (light); 2 trucks (3-ton).
Bn Supply Det: 1 car (light); 9 trucks (medium).
Bty Trains: 1 AA car (4 with 2 MG); 2 cars (light); 6 trucks (medium); 1 ambulance (31). |
| KStN 454 *)
1.02.1941 | 10cm Gun Battery (motorized)
Bty Hqs: 3 mcl; 3 cars (15).
Signal Det: Hqs Sect: 1 car (15).
1 Med Tele Sect b: 1 car (15); 1 van (76).
1 Lt Tele Sect c: 1 car (15).
1 Pack Radio Sect f: 1 car (2).
1 Lt Radio Sect c: 1 van (17/1).
Firing Plt: 1 mcl; 1 car (1); 1 AA car (4 with 2 MG); 1 car (15); 5 halftracks (7); 4 guns (105mm – towed).
Ammo Det: 1 car (light); 4 trucks (3-ton).
Bty Main Sect: 1 mcl w/sc; 1 car (2/40).
Bty Trains: 4 trucks (medium). |
| KStN 462 *)
1.02.1941 | Heavy Field Howitzer Battery (motorized)
Bty Hqs: 3 mcl; 3 cars (15).
Signal Det: Hqs Sect: 1 car (15).
1 Med Tele Sect b: 1 car (15); 1 van (76).
1 Lt Tele Sect c: 1 car (15).
1 Pack Radio Sect f: 1 car (2).
1 Lt Radio Sect c: 1 van (17/1).
Firing Plt: 1 mcl; 1 car (1); 1 AA car (4 with 2 MG); 1 car (15); 5 halftracks (7); 4 field howitzers (150mm – towed).
Ammo Det: 1 car (light); 4 trucks (3-ton).
Bty Main Sect: 1 mcl w/sc; 1 car (2/40).
Bty Trains: 4 trucks (medium). |

PANZER-AUFKLÄRUNGS-ABTEILUNG **Armored Reconnaissance Battalion**



KStN 1105
1.02.1941

Headquarters, Armored Reconnaissance Battalion

Bn Hqs: 3 mcl; 2 mcl w/sc; 2 cars (15); 1 armored car (247).
 Bn Maint Det: 1 mcl w/sc; 1 car (2/40), 1 car (light); 3 trucks (3-ton).
 Bn Trains: 1 mcl w/sc; 1 car (light); 2 cars (15); 4 trucks (light); 3 trucks (2-ton).

KStN 1191 *)
1.02.1941

Signal Platoon, Armored Reconnaissance Battalion

Plt Hqs: 1 mcl; 2 mcl w/sc; 1 car (15).
 Signal Plt: Hqs Sect: 1 car (15).
 1 Lt Tele Sect c: 1 car (15).
 2 Pack Radio Sect b: 1 car (2).
 2 Med Armd Radio Sect b: 1 car (15); 1 armored radio car (263).
 4 Lt Armd Radio Sect d: 1 armored radio car (261).
 1 Lt Armd Radio Sect c: 1 armored radio car (260).
 Reserve Crew Section: 1 truck (2-ton).

KStN 1162 *)
1.02.1941

Armored Car Company

Co Hqs: 6 mcl; 6 mcl w/sc; 1 car (15); 1 armored car (247).
 Signal Det: 4 armored radio cars (223).
 Med Armd Radio Sect b: 1 car (15); 1 armored radio car (263).
 1 Hvy Plt: 3 armored cars (231); 3 armored radio cars (232).
 2 Lt Plt: 4 armored cars (221); 4 armored cars (222).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40); 2 trucks (light).
 Co Trains: 2 mcl; 1 mcl w/sc; 1 car (light); 7 trucks (light).

KStN 1112
1.02.1941

Motorcycle Infantry Company

Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (15); 1 car (18).
 3 Inf Plt: Hqs Sect: 2 mcl; 1 car (15); 1 car (18); 1 trailer (cargo).
 3 Inf Sqd: 4 mcl w/sc; 1 Infantry Squad w/ 2 LMG.
 1 Mortar Sect: 2 mcl w/sc; 1 mortar (50mm).
 MG Det: Hqs Sect: 2 mcl w/sc.
 2 MG Sect: 4 mcl w/sc; 1 HMG.
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (light).
 Co Trains: 2 mcl; 1 mcl w/sc; 1 car (light); 7 trucks (light).

KStN 1121
1.02.1941

Motorized Heavy Company

Headquarters, Motorized Heavy Company

Hqs Sect: 2 mcl; 2 mcl w/sc; 1 car (15).
 Main Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (light).
 Co Trains: 1 mcl; 1 mcl w/sc; 1 car (15); 6 trucks (light).

KStN 1122
1.02.1941

Motorized Antitank Platoon

Plt Hqs: 1 mcl; 1 mcl w/sc; 1 truck (69).
 Firing Det: 4 truck (69); 3 antitank guns (37mm – towed); 1 LMG.

KStN 1123
1.02.1941

Motorized Infantry Gun Platoon

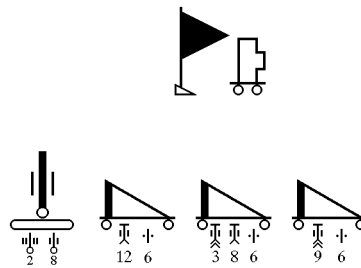
Plt Hqs: 1 mcl; 2 mcl w/sc; 1 truck (69); 1 trailer (ammo).
 Lt Tele Sect d: 1 car (15).
 Firing Det: 1 mcl w/sc; 3 trucks (69); 2 infantry guns (75mm – towed); 1 trailer (ammo).

KStN 1124
1.02.1941

Motorized Engineer Platoon

Plt Hqs: 2 mcl; 2 mcl w/sc; 1 car (15).
 Engineer Det: 1 mcl w/sc; 2 cars (15); 5 trucks Pi.Kw. III (2-ton); 1 truck (3-ton); 1 trailer (compressor); 3 Engineer Sections w/ 1 LMG.

PANZERJÄGER-ABTEILUNG (mot) **Motorized Antitank Battalion**



KStN 1106 *) Headquarters, Motorized Antitank Battalion

1.02.1941 Bn Hqs: 2 mcl; 1 mcl w/sc; 1 car (15); 1 car (12); 1 car (21).
Bn Maint Det: 1 mcl w/sc; 1 car (2/40); 1 car (medium); 1 car (2-ton); 2 trucks (3-ton).
Bn Trains: 1 mcl w/sc; 2 cars (light); 2 trucks (light); 1 truck (2-ton); 1 truck (medium); 1 truck (3-ton); 1 ambulance (31).

KStN 1192 Signal Platoon, Motorized Antitank Battalion

1.02.1941 Plt Hqs: 2 mcl, 1 mcl w/sc; 1 car (15).
1 Lt Tele Sect c: 1 car (15).
6 Pack Radio Sect b: 1 car (2).
2 Lt Armd Radio Sect d: 1 armored radio car (261).

KStN 1141 *) Motorized Antitank Company

1.02.1941 Co Hqs: 3 mcl; 1 mcl w/sc; 1 car (12).
• ATG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (12).
Firing Det: 5 trucks (69); 4 antitank guns (37mm – towed); 2 LMG.
• ATG Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (12).
Firing Det: 5 halftracks (10); 3 antitank guns (50mm – towed); 2 trailers (ammo); 2 LMG.
Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
Co Trains: 1 car (light); 3 trucks (light); 1 truck (2); 1 truck (medium).

KStN 1147 Motorized Heavy Antitank Rifle Platoon

1.02.1941 Plt Hqs: 1 mcl; 1 mcl w/sc; 1 car (12).
Firing Det: 2 mcl w/sc; 5 trucks (69); 4 antitank rifles (28mm – towed, each on special trailer Ah. 32/2); 2 LMG

KStN 192 Infantry Antiaircraft Company (motorized)

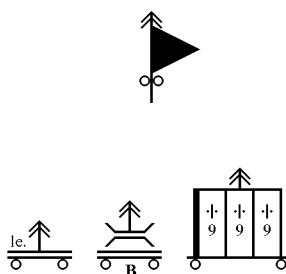
1.02.1941 Co Hqs: 4 mcl; 1 car (1); 1 car (15).
Signal Det: Hqs Sect: 1 car (15).
4 Pack Radio Sect b: 1 car (2).
• AA Plt: Hqs Sect: 3 mcl; 2 cars (15); 1 LMG.
Firing Det: 4 halftracks (10/4 with 20mm Flak); 2 halftracks (10/4 without guns, for ammo); 4 trailers (gun).
• AA Plt: Hqs Sect: 3 mcl; 2 cars (15); 1 LMG.
Firing Det: 6 trucks (81); 4 antiaircraft guns (20mm Flak – towed); 4 trailers (gun).
• Quad AA Plt: Hqs Sect: 5 mcl; 1 car (15); 1 LMG.
Firing Det: 2 halftracks (7/1 with 20mm Quad Flak); 2 halftracks (7/1 without guns, for ammo); 2 trailers (gun).
• Quad AA Plt: Hqs Sect: 5 mcl; 1 car (15); 1 LMG.
Firing Det: 4 trucks (4.5-ton); 2 antiaircraft guns (20mm Quad Flak – towed); 2 trailers (gun).
Co Maint Sect: 1 mcl w/sc; 1 car (2/40); 1 truck (medium).
Co Trains: 4 mcl; 1 mcl w/sc; 1 car (15); 2 trucks (light); 2 trucks (2-ton); 2 trucks (3-ton).

NOTES:

The amount and type of antitank guns in the Motorized Antitank Company varied. The KStN allowed for any combination of three platoons (all three platoons with 37mm, two with 37mm and one with 50mm, etc.). The Infantry Antiaircraft Company also had three platoons, which could also vary, having 20mm or 20mm quad guns, and be truck towed or self-propelled by halftrack.

| Inf. Div. | AT Bn | Equipment | Inf. AA Co | Equipment |
|-----------|-------|---------------|------------|------------------------|
| 3. | 3 | 8x 37 + 3x 50 | – | – |
| 10. | 10 | 8x 37 + 3x 50 | – | – |
| 14. | 14 | 8x 37 + 3x 50 | – | – |
| 16. | 228 | 8x 37 + 3x 50 | 6./31 | 2 quad + 8 mono (SP'd) |
| 18. | 18 | 8x 37 + 3x 50 | – | – |
| 20. | 20 | 8x 37 + 3x 50 | 1./52 | 12 mono (SP'd) |
| 25. | 25 | 8x 37 + 3x 50 | – | – |
| 29. | 29 | 8x 37 + 3x 50 | 1./59 | 2 quad + 8 mono (SP'd) |
| 36. | 36 | 8x 37 + 3x 50 | – | – |
| 60. | 160 | 8x 37 + 3x 50 | 3./608 | 2 quad + 8 mono (SP'd) |

PIONIER-BATAILLON (motorisiert)
Motorized Combat Engineer Battalion



KStN 703
1.02.1941

Headquarters, Motorized Combat Engineer Battalion

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

KStN 741
1.02.1941

Motorized Supply Column

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

KStN 712
1.02.1941

Motorized Combat Engineer Company

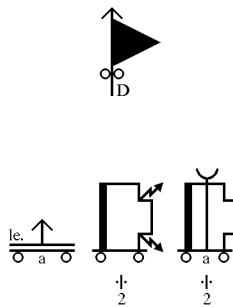
Co Hqs: 1 mcl; 4 mcl w/sc; 1 car (15).
 2 Pack Radio Sect *b*: 1 car (15).
 3 Engr Plt: Hqs Sect: 1 mcl; 1 mcl w/sc; 1 car (15); 1 truck (3-ton).
 Engr Det: 3 trucks (3-ton Pi.Kw. I); 3 Combat Engineer Section with 1 LMG.
 Co Trains: 1 mcl; 2 trucks (light); 1 truck (medium); 3 trucks (3-ton).

KStN 733
1.10.1937

Motorized Type B Bridge Column

Col Hqs: 3 mcl; 1 car (light).
 2 Bridge Plt: Hqs Sect: 1 mcl; 1 car (15).
 Pontoon Sect: 4 halftracks (7); 4 trailers (3 pontoons each).
 Pontoon Sect: 4 trucks (3-ton); 4 trailers (3 pontoons each).
 Trestle Sect: 2 trucks (3-ton); 2 trailers (trestles).
 Transom Sect: 2 trucks (3-ton); 2 trailers (shore transoms).
 Boat Sect: 1 truck (3-ton); 1 trailer (with motor boat).
 1 Support Plt: Hqs Sect: 2 mcl w/sc.
 Ramp Sect: 2 trucks (3-ton); 2 trailers (ramps).
 Winch Sect: 1 truck (3-ton); 1 trailer (winch).
 Col Trains: 1 truck (light).

NACHRICHTEN-ABTEILUNG (motorisiert) **Motorized Signal Battalion**



KStN 807 *)
 1.02.1941

Headquarters, Motorized Divisional Signal Battalion
 Bn Hqs: 2 mcl; 3 cars (15); 2 trucks (1.5-ton).

KStN 871 *)
 1.10.1937

Motorized Light Signal Column "a" / Infantry Division (motorized)
 Col: 1 mcl w/sc; 1 car (light); 1 truck (light); 4 trucks (medium); 2 vans (42); 1 trailer (generator).

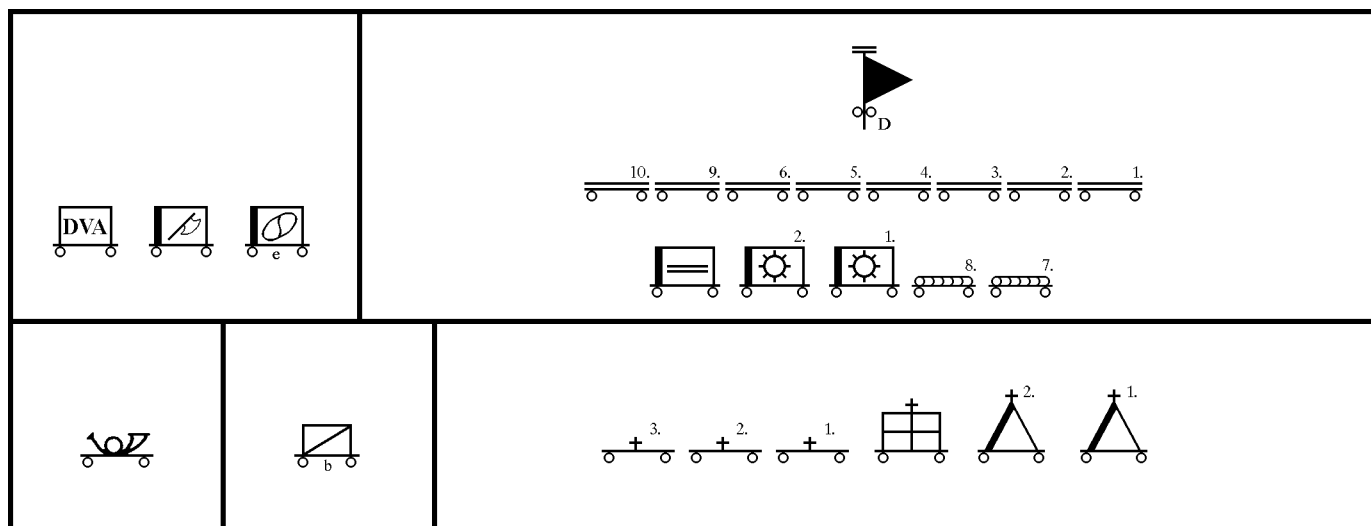
KStN 832 *)
 18.09.1940

Motorized Telephone Company "a" / Infantry Division (motorized)
 Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (15); 1 truck (1.5-ton); 2 LMG.
 1 Plt: Hqs Sect: 2 mcl; 1 car (15).
 3 Tele Ops Sect a: 1 car (15); 1 van (17).
 4 Lt Tele Sect b: 1 car (15).
 3 Plt: Hqs Sect: 2 mcl; 1 car (15).
 4 Hvy Tele Sect a: 1 car (2); 1 van (23).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (15); 5 trucks (light).

KStN 858 *)
 18.09.1940

Motorized Radio Company / Infantry Division (motorized)
 Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (15); 1 truck (1.5-ton); 2 LMG.
 1st Plt: Hqs Sect: 2 mcl; 1 car (15).
 1 Armd Radio Sect: 1 armored halftrack (251/6)
 6 Med Radio Sect a: 1 car (15); 1 van (17).
 2nd Plt: Hqs Sect: 2 mcl; 1 car (15).
 6 Med Radio Sect a: 1 car (15); 1 van (17).
 2 Med Radio Sect a/f: 2 vans (17).
 3rd Plt: Hqs Sect: 2 mcl; 1 car (15).
 4 Med Radio Sect a/f: 2 vans (17).
 2 Lt Radio Sect c: 1 van (17/1).
 1 Radio Interception Sect: 1 van (76).
 1 Radio Listening Sect: 1 van (76).
 1 Code Sect: 2 cars (15).
 Co Maint Sect: 1 mcl w/sc; 1 car (2/40).
 Co Trains: 1 car (15); 3 trucks (light); 2 trucks (medium); 1 van (42); 1 trailer (generator).

DIVISIONS-VERSORGUNGSDIENSTE – INFANTERIE-DIVISION (mot)
Divisional Support Services – Infantry Division (motorized)



- KStN 1208 *)**
1.03.1939 **Headquarters, Motorized Divisional Supply Battalion**
Bn Hqs: 1 mcl; 4 mcl; 1 car (medium); 1 bus (light/11 seats).
Bn Trains: 1 truck (light).
- KStN 1225 *)**
1.10.1937 **Motorized Transport Column (30 tons)**
Col Hqs: 1 mcl; 1 mcl w/sc; 2 cars (light).
2 Sect: 5 trucks (medium).
1 Sect: 1 mcl w/sc; 1 truck (light).
- KStN 1226**
1.10.1937 **Motorized Fuel Transport Column (25 m³)**
Col Hqs: 1 mcl; 1 mcl w/sc; 1 car (light).
2 Sect: 5 trucks (medium).
1 Sect: 1 mcl w/sc; 1 truck (light).
- KStN 1052 *)**
1.02.1941 **Motorized Motor Maintenance Company**
Co Hqs: 1 mcl; 1 car (light).
2 Maint Plt: 1 mcl w/sc; 1 car (light); 1 truck (light); 1 truck (heavy); 1 bus (medium/31 seats); 1 van (79); 1 halftrack (7); 1 trailer (cargo); 1 trailer (tool).
1 Armorer Plt: 2 mcl w/sc; 1 truck (2-ton); 4 trucks (medium).
Co Trains: 1 mcl w/sc; 1 car (light); 2 trucks (light).
- KStN 1255 *)**
1.02.1941 **Motorized Supply Company**
Co Hqs: 2 mcl w/sc; 1 car (light); 1 truck (light).
3 Supply Plt: 1 mcl w/sc; 3 trucks (medium).
1 Technical Plt: 1 mcl w/sc; 3 trucks (medium).
Co Trains: 1 mcl; 1 truck (light).
- KStN 2086 *)**
1.10.1937 **Motorized Divisional Commissary Detachment**
Det: 1 mcl; 4 trucks (medium).
- KStN 1282 *)**
1.02.1941 **Motorized Butcher Platoon**
Co Hqs: 1 mcl; 1 mcl w/sc; 1 car (light).
2 Plt: 3 trucks (medium); 1 trailer (generator).
Co Trains: 1 mcl w/sc; 1 car (light); 3 trucks (light).
- KStN 1277 *)**
1.02.1941 **Motorized Baker Company e**
Co Hqs: 1 mcl; 1 car (light).
2 Plt: 3 trucks (heavy); 1 truck (heavy – water); 1 bus (medium/33 seats); 1 trailer (dough mixer); 2 trailers (oven).
Co Trains: 1 mcl w/sc; 1 car (light); 3 trucks (light).
- KStN 1313**
1.10.1937 **Motorized Medical Company**
Co Hqs: 1 mcl; 1 mcl w/sc; 2 cars (15); 1 truck (light); 1 bus (light).
2 Plt: 1 truck (light); 5 trucks (medium); 1 van (medium); 4 ambulances (31).
- KStN 1342 *)**
1.02.1941 **Motorized Field Hospital**
Co Hqs: 2 mcl w/sc; 1 car (medium); 1 truck (light); 1 bus (medium).
2 Hospital Plt: 1 car (light); 3 trucks (light); 1 van (medium); 1 bus (light); 1 ambulance (31).
- KStN 1365 *)**
1.10.1937 **Motorized Ambulance Platoon**
Plt Hqs: 4 mcl w/sc; 2 cars (light).
2 Sect: 8 ambulances (31).
- KStN 2033b *)**
1.10.1938 **Motorized Military Police Detachment**
Det: 12 mcl; 4 mcl w/sc; 14 cars (light); 1 truck (light).
- KStN 2251**
1.02.1941 **Motorized Field Post Detachment**
Det: 1 car (medium); 2 motor buses (33 seats – modified for office use); 2 trucks (light).

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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) <i>Grille</i> » | self-propelled heavy infantry gun on Pz-38(t) chassis
150 sIG 33/1 L/11 [15] |
| 138 /2 | Jagdpanzer 38
« <i>Hetzer</i> » | light tank destroyer on Pz-38(t) basis
75mm Pak 39 L/48 [41] |
| – | Flammpanzer 38
« Flamm-Pz 38 » | flame tank based on <i>Hetzer</i> hull
[700 liters flame oil] |
| – | Bergepanzer 38
« Berge-Pz 38 » | recovery tank based on <i>Hetzer</i> hull
n/a |
| – | 15cm schwerer Infanteriegeschütz 33/2 auf Jagdpanzer 38
« 15cm sIG 33/2 auf PzJg 38(t) » | self-propelled heavy infantry gun based on <i>Hetzer</i> hull
150mm sIG 33/2 [?] |
| 139 | Panzerjäger 38(t) für 7,62cm Pak 36(r)
« <i>Marder III</i> » | self-propelled antitank gun on Pz-38(t) chassis
76.2mm Pak(r) L/51.5 [30] |
| 140 | Flakpanzer 38
« Flak-Pz-38 » | Self-propelled anti-aircraft gun based on Czech Pz-38(t)
20mm Flak 38 [540] |
| 140 /1 | Aufklärungspanzer 38(t) (2cm)
« Aufkl-Pz-38(t) (2cm) » | Czech reconnaissance tank based on Pz-38(t)
20mm KwK 38 [108] |
| 140 /1 | Aufklärungspanzer 38(t) (7,5cm)
« Aufkl-Pz-38(t) (7,5cm) » | Czech reconnaissance support tank based on Pz-38(t)
75mm KwK 37 L/24 [?] |
| 141 | Panzerkampfwagen III, Ausführung A – G
« Pz. III (3,7cm) » | medium tank, Models A – G
37mm KwK 35/36 L/45 [120] |
| 141 | Panzerkampfwagen III, Ausführung H – J
« Pz. III (5cm); [also Pz-III (kz)] » | medium tank, Models H – J
50mm KwK L/42 [99] |
| 141 /1 | Panzerkampfwagen III, Ausführung J – L
« Pz. III (5cm); [also Pz-III (lg)] » | medium tank, Model J – L
50mm KwK L/60 [84 – 78] |
| 141 /2 | Panzerkampfwagen III, Ausf. M – N
« Pz. III (7,5cm) » | medium tank, Models M – N
75mm KwK 37 L/24 [84 – 64] |
| 141 /3 | Flammpanzer III
« Flamm-Pz. III » | medium flame-throwing tank
[1020 liters flame oil]; MG [3750] |
| – | SturmInfanteriegeschütz 33B
« St. Inf. Gesch. 33 » | self-propelled, armored heavy infantry gun on Sturmgeschütz basis
150mm Stu IG L/11 [30] |
| 142 | 7,5cm Sturmgeschütz 40, Ausführung A – D
« Sturmgeschütz III [also: Stu. Gesch. III] » | assault gun, Model A – D
75mm StuK 37 L/24 [44] |
| 142 | 7,5cm Sturmgeschütz 40, Ausführung E
« Sturmgeschütz III [also: Stu. Gesch. III] » | assault gun, Model E
75mm StuK 37 L/24 [50] |
| 142 | 7,5cm Sturmgeschütz 40, Ausführung F
« Sturmgeschütz III [also: Stu. Gesch. III] » | assault gun, Model F
75mm StuK 37 L/24 [44] |
| 142 /1 | 7,5cm Sturmgeschütz 40, Ausführung F8 – G
« Sturmgeschütz III [also: Stu. Gesch. III] » | assault gun, Model F8 – G
75mm StuK40 L/43 [54] |
| 142 /2 | 7,5cm Sturmhaubitze, Ausführung F – G
« Sturmhaubitze III [also: Stu. Haub. III] » | assault howitzer, Model F – G
105mm StuH 42 L/28 [36] |
| 143 | Panzer-Beobachtungswagen III
« Pz. Beob. Pz. III » | armored artillery observation tank
MG [2100] |
| 161 | Panzerkampfwagen IV, Ausführung A – F ₁
« Pz. IV [also: Pz-IV(kz)] » | medium tank, Models A – F ₁
75mm KwK 37 L/24 [80] |
| 161 /1 | Panzerkampfwagen IV, Ausführung F ₂ – G
« Pz. IV [also: Pz-IV(lg)] » | medium tank, Models F ₂ – G
75mm KwK 40 L/43 [87] |
| 161 /2 | Panzerkampfwagen IV, Ausführung H – J
« Pz. IV [also: Pz-IV(lg)] » | medium tank, Models H – J
75mm KwK 40 L/48 [87] |
| 161 /3 | Flakpanzer-IV
« Flak-Pz 3,7cm [<i>Ostwind</i>] » | anti-aircraft tank
37mm Flak 43 L/98 [400] |
| 161 /4 | Flakpanzer-IV
« Flak-Pz 2cm- Vierling [<i>Wirbelwind</i>] » | anti-aircraft tank
20mm quad Flak 38 [1000] |
| – | Panzer-Flak Sfl IV
« Pz-Flak IV [<i>Möbelwagen</i>] » | anti-aircraft tank
37mm Flak 43 L/98 [416] |
| 162 | 7,5cm Pak 39 auf Fahrgestell Panzerkampfwagen IV
« Jagdpanzer IV » | self-propelled heavy antitank gun on Pz-IV basis
75mm Pak 39 L/48 [79] |
| 162 /1 | 7,5cm StuK 42 auf Fahrgestell Panzerkampfwagen IV, Ausführung A
« Panzer-IV/70 (A) » | tank destroyer on Pz-IV basis
75mm StuK 42 L/70 [55] |
| 162 /1 | 7,5cm StuK 42 auf Fahrgestell Panzerkampfwagen IV, Ausführung V
« Panzer-IV/70 (V) » | tank destroyer on Pz-IV basis
75mm StuK 42 L/70 [55] |

GERMAN SPECIAL MILITARY VEHICLES

| Sd.Kfz. No. | German Designation
« German Abbreviation » | Description
Main Armament [Ammunition carried] |
|-------------|--|--|
| 163 | 7,5cm Sturmgeschütz IV
« Sturmgeschütz IV [also: StuG IV] » | assault gun based on Pz-IV
75mm StuK40 L/48 [63] |
| 164 | 8,8cm Pak 43/1 auf Fahrgestell Panzerkampfwagen III/IV (Hornisse)
« <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 Fernsprechanzerwagen
« 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
« Goliath » | tracked, remote-controlled demolition vehicle, Model A (electric)
n/a |
| 303 | Leichte Ladungsträger Goliath, Auf. B
« Goliath » | tracked, remote-controlled demolition vehicle, Model B (gasoline)
n/a |
| 304 | mittlere Ladungsträger
« Springer » | tracked, remote-controlled demolition vehicle
n/a |

Notes:

For the sake of completeness, this list includes the unnumbered vehicles belonging to the same family of vehicles.

GERMAN SPECIAL MILITARY TRAILERS AND MILITARY TRAILERS

German Trailers

Besides the numbered trailers listed below, there were also trailers without numbers. These were identified by load factor, number of axles, open or covered, and/or purpose. Furthermore, upon mobilization, the German military requisitioned trailers from the civilian sector. These trailers were strictly for use by road-bound units, and only found in rear-echelon units where they provided a valuable increase in transportation capacity. There were even trailers built specifically for towing horse drawn equipment with motor vehicles.

A few military horse-drawn vehicles (wagons and carts) were modified for towing by motor vehicles by the addition of wheel and parking brakes, rubber-rimmed or even pneumatic tires, rear lights, and towing arrangements.

Some horse-drawn wagon and carts were issued with towing bars allowing them to be towed by motor vehicles.

It was not unusual, specially in the non-motorized units, that unmodified horse-drawn vehicles be towed by motor vehicles. Naturally at comparatively low speeds.

Although many combat units had trailers for guns, ammunition, components of heavy guns, generators, bridging equipment, etc., convoy speed of all vehicles was reduced when towing trailer, and maneuverability was hampered off-road. However, the expense of motor vehicles made the use of trailers an attractive alternative.

| <i>Sd.Anh.=Sonder Anhänger</i> | | <i>Special Trailers with numbers</i> |
|--------------------------------------|--|--|
| Sd.Anh. 1 | (1 Achsig) für kleines 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) Wassertankananhänger | trailer (1 axle) for water tank |
| Sd.Anh. 31 | (1 Achsig) für Munition Type A | trailer (1 axle) for ammunition Type A |
| Sd.Anh. 31/1 | (1 Achsig) für Munition (7,5cm StuK 40) | trailer (1 axle) for ammunition for 7.5cm Assault Gun Model 40 |
| Sd.Anh. 32 | (1 Achsig) für Munition (3,7cm Pak) | trailer (1 axle) for ammunition for 3,7cm Antitank Gun |
| Sd.Anh. 32/1 | (1 Achsig) für Munition (7,5cm) | trailer (1 axle) for ammunition for 7.5cm |
| Sd.Anh. 32/2 | (1 Achsig) für Munition (s. Pz Bü 41) | trailer (1 axle) for ammunition for heavy antitank rifle Model 41 |
| Sd.Anh. 32/3 | (1 Achsig) für s. Pz Bü 41 auf leichte Feldlafette | trailer (1 axle) for heavy antitank rifle Model 41 on light field carriage |
| Sd.Anh. 33 | (1 Achsig) für Nebelwerfermunition | trailer (1 axle) for ammunition (rocket launcher) |
| Sd.Anh. 34 | (1 Achsig) für Entgiftungsanhänger | trailer (1 axle) for decontamination |
| Sd.Anh. 35 | (1 Achsig) für Teigknetanhänger | trailer (1 axle) for dough mixer |
| Sd.Anh. 36 | (1 Achsig) für leichten Ladungsschlepper | trailer (1 axle) for remote control vehicle (Goliath) |
| Sd.Anh. 40 | (1 Achsig) Panzerbergeanker als Anhänger | trailer (1 axle) for tank recovery anchor |
| Sd.Anh. 46 | (1 Achsig) schmalspurig | trailer (1 axle) with narrow wheel spacing |
| Sd.Anh. 51 | (1 Achsig) Beleuchtungsanhänger (Vermessungstrupp (mot)) | trailer (1 axle) for electricity generator in enclosed body for Calibration Detachment |
| Sd.Anh. 51 | (1 Achsig) für 2cm Geschütz 30 mit Munition- und Zubehörkasten | trailer (1 axle) for 2cm antiaircraft gun Model 30 with ammo and equipment boxes |
| Sd.Anh. 51 | (1 Achsig) für Scheinwerfer 60cm mit Zubehörkasten | trailer (1 axle) for 60cm antiaircraft searchlight with equipment boxes |
| Sd.Anh. 51 | (1 Achsig) für 2cm Flak 38 mit Munition- und Zubehörkasten | trailer (1 axle) for 20mm antiaircraft gun Model 38 with ammo and equipment boxes |
| Sd.Anh. 52 | (1 Achsig) für 2cm Flak Vierling 38/1 mit Munition- und Zubehörkasten .. | trailer (1 axle) for 2cm quad antiaircraft gun Model 38/1 with ammo and equipment boxes |
| Sd.Anh. 52 | (1 Achsig) für 3,7cm Flak 36/37 mit Munition- und Zubehörkasten | trailer (1 axle) for 3.7cm antiaircraft gun Model 36/37 with ammo and equipment boxes |
| Sd.Anh. 52 | (1 Achsig) für Kommando-Gerät 40 | trailer (1 axle) for antiaircraft fire direction computer Model 40 |
| Sd.Anh. 53 | (1 Achsig) für Kommando-Hilfsgerät 35 | trailer (1 axle) for antiaircraft auxiliary fire direction computer Model 35 |
| Sd.Anh. 54 | (1 Achsig) für Kinotheodolit für Flakmess-Auswerte-Zug | trailer (1 axle) for antiaircraft optical tracking computer for Calibration Evaluation Platoon |
| Sd.Anh. 55 | (1 Achsig) für V"-Messgerät Flak | trailer (1 axle) for antiaircraft muzzle velocity calibration equipment |
| Sd.Anh. 56 | (1 Achsig) für 2cm Flak mit Munition- und Zubehörkasten | trailer (1 axle) for 2cm quad antiaircraft gun with ammo and equipment boxes |
| Sd.Anh. 56 | (1 Achsig) für 2cm Flakvierling 38/1 mit Munition- und Zubehörkasten .. | trailer (1 axle) for 2cm quad antiaircraft gun Model 38/1 with ammo and equipment boxes |
| Sd.Anh. 57 | (1 Achsig) für 3,7cm Flak mit Munition- und Zubehörkasten | trailer (1 axle) for 3.7cm antiaircraft gun with ammo and equipment boxes |
| Sd.Anh. 58 | (1 Achsig) für 3,7cm Flak 43 mit Munition- und Zubehörkasten | trailer (1 axle) for 3.7cm antiaircraft gun Model 43 with ammo and equipment boxes |
| Sd.Anh. 58 | (1 Achsig) für 3,7cm Flak 43/1 mit Munition- und Zubehörkasten | trailer (1 axle) for 3.7cm antiaircraft gun Model 43/1 with ammo and equipment boxes |
| Sd.Anh. 101 | (2 Achsig) für Flakhorchgerät | trailer (2 axle) for antiaircraft sound tracking equipment |
| Sd.Anh. 101 | (2 Achsig) für mittleren Flak-Maschinensatz | trailer (2 axle) for antiaircraft generator for sound tracking equipment |
| Sd.Anh. 102 | (2 Achsig) für Flak-Scheinwerfer 110cm | trailer (2 axle) for antiaircraft searchlight (110cm) |
| Sd.Anh. 102 | (2 Achsig) für Flak-Maschinensatz | trailer (2 axle) for antiaircraft generator for searchlight (110cm) |
| Sd.Anh. 103 | (2 Achsig) für mittlere und schwere Lasten | trailer (2 axle) for medium and heavy cargo |
| Sd.Anh. 104 | (2 Achsig) für 150cm Flak-Scheinwerfer | trailer (2 axle) for 150cm antiaircraft searchlight |
| Sd.Anh. 104 | (2 Achsig) für Maschinensatz 24 Kw für 150cm Flak-Scheinwerfer | trailer (2 axle) for generator Model 24Kw for 150cm antiaircraft searchlight |
| Sd.Anh. 104 | (2 Achsig) für Sperrballonwinde | trailer (2 axle) for winch for antiaircraft barrage balloon |
| Sd.Anh. 104 | (2 Achsig) für Funkmessgerät 39 TD | trailer (2 axle) for antiaircraft radar Model 39TD |
| Sd.Anh. 104 | (2 Achsig) für 3,7cm Flak 18 | trailer (2 axle) for 3.7cm antiaircraft gun Model 18 |
| Sd.Anh. 104 | (2 Achsig) für Kommandogerät 36 | trailer (2 axle) for antiaircraft fire direction computer Model 36 |
| Sd.Anh. 104 | (2 Achsig) für 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 |

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|--------------|---|-------------------------------|
| Vsah. | = Versuchsanhänger | Experimental Trailers |
| Vsah. | 642 Tiefladeanhänger für Panzerkampfwagen | medium tank transport trailer |
| Vsah. | 654 Tiefladeanhänger für Panzerkampfwagen | light tank transport trailer |

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|--|--|
| 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 Panzerbüsse 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) Festungskabelöltkarren | cart (1 axle) for Fortress Signal Troops, with sodering and other equipment |
| (1 Achsig) Festungskabelmesskarren | cart (1 axle) for Fortress Signal Troops, with calibration and other equipment |
| (1 Achsig) schweren Grabenpflug (Entgiftungspflug) als Anhänger | trailer (1 axle) heavy plow, originally for decontamination, but also used for entrenching |
| (1 Achsig) Handkarren für leichten Ladungswerfer der Pioniere | hand cart (1 axle) for light spigot mortar of the engineers |
| (1 Achsig) kleiner Kabeltrommel-Anhänger für Fernraketen-Einheit | trailer (1 axle) for light cable drums for V2 rocket units |
| (1 Achsig) Leitstrahl-Antennen-Anhänger für FR-Einheit | trailer (1 axle) for guiding beam antenna for V2 rocket units |
| (1 Achsig) Leitstrahl-Kontroll-Anhänger für FR-Einheit | trailer (1 axle) for guiding beam instrumentation for V2 rocket units |
| (1 Achsig) Lichtbogen-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 (T-Stoff = 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 ballon Model 40 of the artillery |
| (2 Achsig) Anhänger mit Flakkommandogerät Hazemeyer der Marine | trailer (2 axle) with antiaircraft fire direction computer Model Hazemeyer |
| (2 Achsig) Anhänger mit 2cm-Flak auf Socketlafette | trailer (2 axle) for 2 cm antiaircraft gun Model 30 on pedestal base |
| (2 Achsig) Anhänger mit Kessel für 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 (Kässebohrer Type P4 1939) | trailer (2 axle) for motor bus (bus Model P4 1939)(made by Kässebohrer) |
| (2 Achsig) Rohrwagen 40 für 12,8cm Flak 40 | trailer (2 axle) for 12,8cm antiaircraft gun barrel |
| (2 Achsig) Sägevollgater auf Anhänger | trailer (2 axle) for mobile buzzsaw |
| (2 Achsig) Scheinwerfer-Transportwagen für Scheinwerfer G150 (alter Art) | trailer (2 axle) for 150cm searchlight Model G150 (old type) |
| (2 Achsig) Scheinwerfer-Transportwagen für Scheinwerfer G110 | trailer (2 axle) for 110cm searchlight Model G110 |
| (2 Achsig) Strabo-Kran 16t als Anhänger | trailer (2 axle) for 16 ton collapsible crane (made by Strabo) |
| (2 Achsig) Tragflächen-Transportanhänger a & b (Bauart 39) | trailer (2 axle) for transport of aircraft wings Type a and b, Model 39 |
| (2 Achsig) V2 Transport-Anhänger Vidal | trailer (2 axle) for transporting a V2 rocket (made by Vidal) |
| (2 Achsig) Wasserstoffverdichter-Anhänger 41+42 | trailer (2 axle) for Hydrogen compression Model 41+42 |
| (2 Achsig) Wasserstoffentwickler-Anhänger 40+41 | trailer (2 axle) for Hydrogen developing Model 40+41 |
| | |
| (3 Achsig) Anhänger 8 t für 800 PS Motorboot 43 | trailer (3 axle) (8 ton) for motor boat Model 53 (800 HP) |
| (3 Achsig) Anhänger offen (o) mit Nutzlast 11.000 kg | trailer (3 axle) cargo, civilian type, open (11 ton) |
| (3 Achsig) Anhänger mit 30-t Kran | trailer (3 axle) for 30-ton collapsible crane |
| (3 Achsig) Anhänger schwimmfähig mit Nutzlast von 10 t | trailer (3 axle) amphibious (10 ton) |
| (3 Achsig) Anhänger schwimmfähig mit Nutzlast von 20 t | trailer (3 axle) amphibious (20 ton) |
| (3 Achsig) Anhänger für die Fernrakete A4 (V2) Fabrikat Meiller | trailer (3 axle) for transporting a V2 rocket (made by Meiller) |
| (4 Achsig) Anhänger für schwere Lasten Culemeyer | trailer (4 axle) for heavy cargo (made by Culemeyer) |
| (6 Achsig) Anhänger für schwere Lasten Culemeyer bis 60 t | trailer (6 axle) for heavy cargo (60 ton) (made by Culemeyer) |
| (6 Achsig) Anhänger für schwere Lasten Gothaer Waggonfabrik bis 60 t | trailer (6 axle) for heavy cargo (60 ton) (made by Gothaer Waggonfabrik) |
| (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 |

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|---|--|
| 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 |

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|-----------|--------------------------|--------------|--------------------------------|
| 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 |
| | Veterinärmittelewagen | ..... | 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 Fernsprechwagen (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 |

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|-----------|----------|---------------------------------|--------------|---------------------------------------|
| 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 |

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|-----------|----------|--------------------------|--------------|-----------------------------|
| 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 | |
| <i>Oberbefehlshaber / General in A-Stelle</i> | |
| Generalfeldmarschall | General of the Army (Field Marshal) |
| Generaloberst | General |

Billet Group “F”

| | |
|--|--------------------|
| Commanding General / General Officer in an “F” Group | |
| <i>Kommandierender General / General in F-Stelle</i> | |
| 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 | |
| <i>Divisionskommandeur / General in D-Stelle</i> | |
| 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 | |
| <i>Infanterie-, Artillerie-, Brigadekommandeur / Offizier in I-Stelle</i> | |
| Generalmajor | Brigadier General |
| Generalarzt | Brigadier General (Medical Corps) |
| General- | Brigadier General (...) |

Officers

Billet Group “R”

| | |
|---|-------------------------|
| Regimental Commander / Officer in an “R” Group | |
| <i>Regimentskommandeur / Offizier in R-Stelle</i> | |
| Oberst | Colonel |
| Oberstarzt | Colonel (Medical Corps) |
| Oberst- | Colonel (...) |

Billet Group “B”

| | |
|---|------------------------------------|
| Battalion Commander / Officer in a “B” Group | |
| <i>Abteilungs- bzw. Bataillonskommandeur / Offizier in B-Stelle</i> | |
| 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 | |
| <i>Batterie-, Schwadron- bzw. Kompanieführer / Offizier in K-Stelle</i> | |
| 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 | |
| <i>Zugführer / Offizier in Z-Stelle</i> | |
| 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 | |
| <i>Oberfeldwebel (Unteroffiziere mit Portepee)</i> | |
| Stabsfeldwebel | Warrant Officer First Class |
| Obermeister | Warrant Officer 1st Class of a Technical Establishment |
| Hauptfeldwebel | Warrant Officer 2nd Class |
| Hauptwachtmeister | Warrant Officer 2nd Class (Cavalry, Artillery, AA, etc.) |
| Oberfeldwebel | Sergeant Major |
| Oberwachtmeister | Sergeant Major (Cavalry, Artillery, AA, etc.) |
| Musikleiter | Sergeant Major (Band) |
| etc. | etc. |
| Feldwebel | First Sergeant |
| Wachtmeister | First Sergeant (Cavalry, Artillery, AA, etc.) |
| Beschlagmeister | Farrier First Sergeant |
| Feuerwerker | Ordnance First Sergeant |
| Brieftaubenmeister | Pigeon Postmaster |
| etc. | etc. |

Billet Group “G”

| | |
|---|---|
| Non-Commissioned Officer in a “G” Group | |
| <i>Gruppenführer (Unteroffiziere ohne Portepee)</i> | |
| Unterfeldwebel | Staff Sergeant |
| Unterwachtmeister | Staff Sergeant (Cavalry, Artillery, AA, etc.) |
| etc. | etc. |
| Unteroffizier | Sergeant |
| Santitätsunteroffizier | Sergeant (Medical Corps) |
| etc. | etc. |
| Obergefreiter | Corporal |
| Santitätsobergefreiter | Corporal (Medical Corps) |
| etc. | etc. |

Billet Group “M”

| | |
|------------------------------|---|
| Other Rank in an “M” Group | |
| <i>Mannschaft</i> | |
| Gefreiter | Private First Class |
| Oberschütze | Private 2 |
| Oberreiter | Trooper First Class |
| etc. | etc. |
| Schütze | Private 1 (infantryman) |
| Grenadier | Private (alternate designation for infantryman) |
| Jäger | Private (Mountain or Light Infantry) |
| Pionier | Engineer / Pioneer (Engineers) |
| Fahrer | Driver (usually of a horse-drawn vehicle) |
| Kraftfahrer | Driver (motor vehicle) |
| Beschlagschmiedschütze | Farrier (horse smith) |
| Spielman | Bandman / Bugler |
| etc. | etc. |

GERMAN MILITARY PERSONNEL JOB DESCRIPTIONS

| | | | |
|-------------------------------|--|----------------------------|---|
| Abteilungsarzt | Battalion Physician | Melder | Messenger / Runner |
| Abteilungskommandeur | Battalion Commander | Meldereiter | Messenger (horse-mounted) |
| Abteilungsschreiber | Battalion Headquarters Clerk | Mitarbeiter | Assistant Clerk |
| Abteilungsveterinär | Battalion Veterinary Doctor | Motorschlosser | Motor Mechanic |
| Adjutant | Adjutant | Munitionskanonier | Ammunition Handler |
| Arzt | Physician | Munitionsschütze | Ammunition Handler |
| Auswerter | Plotter / Evaluator | Musiker | Bandsman |
| Autoschlosser | Motor Vehicle Mechanic | Musikmeister | Band Leader |
| Bataillonsarzt | Battalion Physician | Nachrichtenmechaniker | Signals Technician |
| Bataillonskommandeur | Battalion Commander | 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 | PanzerbüchSENSchütze | 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 | Regimentskraftfahrsoﬃzler | 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 |
| Feldwebel | 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 |
| Haptfeldwebel | 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 | Kettenkraftrad Driver | Unteroﬃzler | Document Clerk |
| Kettenkraftradfahrer | Plumber | Urkundsbeamter | Liaison Officer |
| Klempner | Cook | Verbindungsoﬃzler | Measuring Service |
| Koch | Commandant | Vermessungsdienst | Rations Handler |
| Kommandant | Commandeur | Verpflegungsman | Rations NCO |
| Kommandeur | Company Commander | Verpflegungsoﬃzler | Veterinary Officer |
| Kompanieführer | Company Trains Leader | Veterinärsoﬃzler | Forward Observer |
| Kompanietrossführer | Company Headquarters Section Leader | Vorgeschobener Beobachter | Leading Craftsman |
| Kompanietruppführer | Motorcycle Messenger | Vorhandwerker | Outrider. Escort on horse-back of a horse-drawn vehicle. |
| Kradmelder | Motor Vehicle Electrician | Vorreiter | Advance Warning Man |
| Kraftfahrzeugelektriker | Motor Vehicle Motor Mechanic | Vorwamer | Armorer |
| Kraftfahrzeugmotorenschlosser | Motor Vehicle Mechanic | Waffenmeister | Assistant Armorer |
| Kraftfahrzeugschlosser | Motor Vehicle Codriver | Waffenmeistergehilfe | Master Armorer NCO |
| Kraftwagenbeifahrer | Motor Vehicle Driver | Waffenmeisterunteroﬃzler | Armorer NCO |
| Kraftwagenfahrer | Stretcher Bearer | Waffenunteroﬃzler | Wagon Escort. Escort of a horse-drawn vehicle on foot |
| Krankenträger | Loader | Wagenbegleiter | Leader of the vehicles in the trains |
| Ladeschütze | Running Gear Mechanic | Wagenführer | Launcher or Mortar Gunner |
| Laufwerkschlosser | Chief Leader | Werferführer | Foreman / Chief Technician |
| Leiter | Photographer | Werkmeister | Paymaster / Finance Officer |
| Lichtpauser | Painter | Zahlmeister | Draftsman |
| Maler | (Enlisted) Man | Zeichner | Carpenter |
| Mann | Privat / Other Rank / (Enlisted) Man | Zimmermann | Platoon Leader |
| Mannschaft | Machine Gunner | Zugführer | Platoon Headquarters Section Leader |
| Maschinengewehrschütze | Motor Vehicle Messenger | Zugtruppführer | |
| Meldefahrer | Messenger (motor vehicle) | | |