

**German Army  
Authorized Strength  
K5 (3), Bruno N (E), Long Bruno (E),  
and Heavy Bruno (E) Railroad Batteries  
(2 guns)  
1 September 1944**

Staff

1 Battery Commander (officer)  
    1 submachine gun  
1 Driver  
    1 rifle & 1 light four seat passenger vehicle (volkswagen)  
1 Command Position Officer  
    1 submachine gun  
1 Scissors Telescope NCO  
    1 pistol  
1 Fire Control Troop Commander (NCO)  
    1 rifle  
2 Gun Layers (NCOs)  
    2 rifles  
1 Railroad Pioneer (NCO)  
    1 rifle  
1 Motorcycle Messenger (NCO)  
    1 rifle & 1 350ccm motorcycle  
4 Gun Fire Control Technicians  
    4 rifles  
1 Motorcycle Messenger  
    1 rifle & 1 350ccm motorcycle  
4 Gun Layers  
    4 rifles  
3 Drivers  
    3 rifles, 2 light 4 seat passenger vehicles & 1 2-ton truck

Signals Squad:

1 Squad Leader  
    1 pistol  
1 Driver  
    1 rifle & 1 light four seat passenger vehicle (volkswagen)  
1st Medium (mot) Field Cable Troop (12):  
    1 Troop Leader (NCO)  
        1 submachine gun  
    4 Telephone Talkers  
        4 rifles  
    1 Drivers  
        1 rifle & 1 2-ton truck  
2nd Medium (mot) Field Cable Troop (12):  
    same as 1st Troop  
3rd Medium (mot) Field Cable Troop (12):  
    same as 1st Troop, for sound and flash ranging  
1st Portable Radio Troop iMw:  
    1 Troop Leader (NCO)  
        1 rifle  
    1 Radio Operator  
        1 rifle  
2nd Portable Radio Troop iMw:  
    same as 1st

Medium (mot) Radio Troop 100 Mw:

- 1 Troop Leader (NCO)
  - 1 rifle
- 4 Radio Operators
  - 4 rifles
- 1 Driver
  - 1 rifle & 1 2-ton truck

Sound and Flash Ranging Troop:

- 1 Troop Leader (officer)
  - 1 submachine gun
- 4 Calculation Station Leaders (NCOs)
  - 4 rifles
- 1 Evaluator (NCO)
  - 1 rifle
- 8 Observers
  - 8 rifles
- 5 Radio Operators
  - 5 rifles
- 4 Evaluators
  - 4 rifles
- 1 Motorcycle Messenger
  - 1 rifle & 1 350ccm motorcycle
- 4 Drivers
  - 4 rifles, 1 light 4 seat passenger vehicle,, 1 2-ton truck,  
& 2 3-ton trucks

K5(E) (280mm) and Bruno (N (E) (280mm) Batteries:

- 1 Battery Officer
  - 1 pistol
- 1 Weapons NCO
  - 1 pistol
- 1 Gun Captain (NCO)
  - 1 pistol
- 1 Gun Captain (NCO)
  - 1 rifle
- 2 Railroad Wagon Drivers
  - 2 rifles
- 2 Gun Fire Control NCOs
  - 2 rifles
- 2 Power Plant Operators (NCOs)
  - 2 rifles
- 3 Diesel Locomotive Drivers
  - 3 rifles
- 3 Diesel Locomotive Escorts
  - 3 rifles
- 40 Gunners
  - 40 rifles & 2 guns
- 1 Assistant Master Gunsmith
  - 1 rifle & 1 bicycle
- 2 Electricians
  - 2 rifles
- 2 Motor Repairmen
  - 2 rifles
- 4 Railroad Cars as gun Carriages
  - 4 rifles

1 Spare Diesel Locomotive  
 4 Munitions Railroad Cars  
 27 Other Railroad Cars  
Long Bruno (E) & Heavy Bruno (E) 280mm Batteries  
 1 Battery Officer  
     1 pistol  
 1 Weapons NCO  
     1 pistol  
 1 Gun Captain (NCO)  
     1 pistol  
 1 Gun Captain (NCO)  
     1 rifle  
 2 Railroad Wagon Drivers  
     2 rifles  
 2 Gun Fire Control NCOs  
     2 rifles  
 2 Power Plant Operators (NCOs)  
     2 rifles  
 3 Diesel Locomotive Drivers  
     3 rifles  
 3 Diesel Locomotive Escorts  
     3 rifles  
 44 Gunners  
     44 rifles & 2 guns  
 1 Assistant Master Gunsmith  
     1 rifle & 1 bicycle  
 2 Electricians  
     2 rifles  
 1 Reserve Diesel Locomotive  
 4 Munitions Railroad Cars  
 11 Railroad Cars  
Munitions Squad:  
 1 Squad Leader (NCO)  
     1 pistol  
 1 Munitions NCO  
     1 rifle  
 16 Munitions Handlers  
     16 rifles  
 4 Munitions Railroad Cars  
Flak Detachment (2 alternatives exist):  
1st Possible Organization: (quad gun)  
     1st Flak Platoon:  
         1 Platoon Leader (NCO)  
             1 pistol  
         2 Gun Captains (NCOs)  
             2 rifles  
         12 Gunners  
             12 rifles, 1 Flak Quad 20mm 38/1 & 1 Flak Quad 20mm 38/4  
         1 Driver  
             1 rifle & 1 3-ton truck  
         1 Sd Ah 52 or Sd Ah 56 Trailer  
         1 Om-Wagon for Flak  
     2nd Flak Platoon:  
         same as 1st

2nd Possible Organization (single gun)

1st Flak Platoon:

1 Platoon Leader (NCO)

1 pistol

2 Gun Captains (NCOs)

2 rifles

6 Gunners

6 rifles, 1 Flak Quad 20mm 38/1 & 1 Flak Quad 20mm 38/4

1 Driver

1 rifle & 1 3-ton truck

1 Sd Ah 52 or Sd Ah 56 Trailer

1 Om-Wagon for Flak

2nd Flak Platoon:

same as 1st platoon

Heavy Sound Ranging Platoon:

1 Platoon Leader (officer)

1 pistol

1 Driver

1 rifle & 1 light four seat passenger vehicle (volkswagen)

1st Troop:

1 Troop Leader (NCO)

1 rifle

1 Evaluator

1 rifle

4 Evaluators

4 rifles

1 Electro Mechanical Repairman

1 rifle

1 Triangulation Technician

1 rifle

1 Driver

1 rifle & 1 3-ton truck

2nd Troop:

same as 1st Troop

Vehicle Maintenance:

2 NCOs, 5 soldiers, 6 rifles, 1 pistol, 1 light four seat passenger vehicle, 2 2-ton trucks

Battery Baggage:

8 NCOs, 11 soldiers, 15 rifles, 3 pistols, 1 submachine gun, 1 2-ton truck, 2 bicycles, 2 3-ton trucks, 1 4-5 ton truck & 6 railroad cars.

Totals:

K5(E) and N. Bruno (E)	Warrant			
	Officers	Officer	NCOs	Soldiers
Staff	2	-	6	13
Signals Squad	-	-	6	24
Sound and Flash Ranging	1	-	5	22
Battle Battery				
Gun Squad	1	-	15/17	45
Munitions Squad	-	-	2	16
20mm Quad Flak Detachment-	-	-	6	30
20mm Flak Detachment	-	-	6	18
Heavy Forward Ranging	1	-	4	15
Vehicle maintenance	-	-	2	5
Battery Baggage	-	-	8	11
Totals				
K5 & N Bruno/Quad 20mm	5	-	54/56	181
K5 & N Bruno/20mm	5	-	54/56	169

Long and Heavy Bruno (E)	Warrant			
	Officers	Officer	NCOs	Soldiers
Staff	2	-	6	13
Signals Squad	-	-	6	24
Sound and Flash Ranging	1	-	5	22
Battle Battery				
Gun Squad	1	-	15/17	47
Munitions Squad	-	-	2	16
20mm Quad Flak Detachment-	-	-	6	30
20mm Flak Detachment	-	-	6	18
Heavy Forward Ranging	1	-	4	15
Vehicle maintenance	-	-	2	5
Battery Baggage	-	-	8	11
Totals				
Total with 20mm Quad	5	-	54/56	183
Total with 20mm	5	-	54/56	171

Note: Double numbers (25/24) indicate where there is a penciled change in the organization charge. The first number is the original strength and the second number is the penciled revised figure.

Records of Headquarters, German Army High Command, National Archives Microcopy No. T-78, Roll 393, American Historical Association Committee for the Study of War Documents, Washington, DC., 1960

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