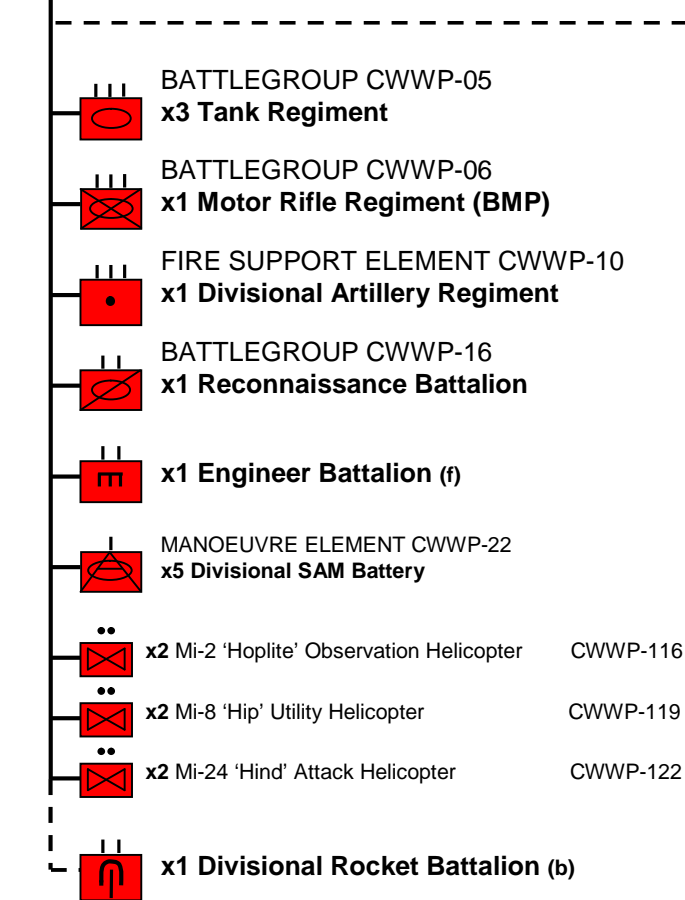
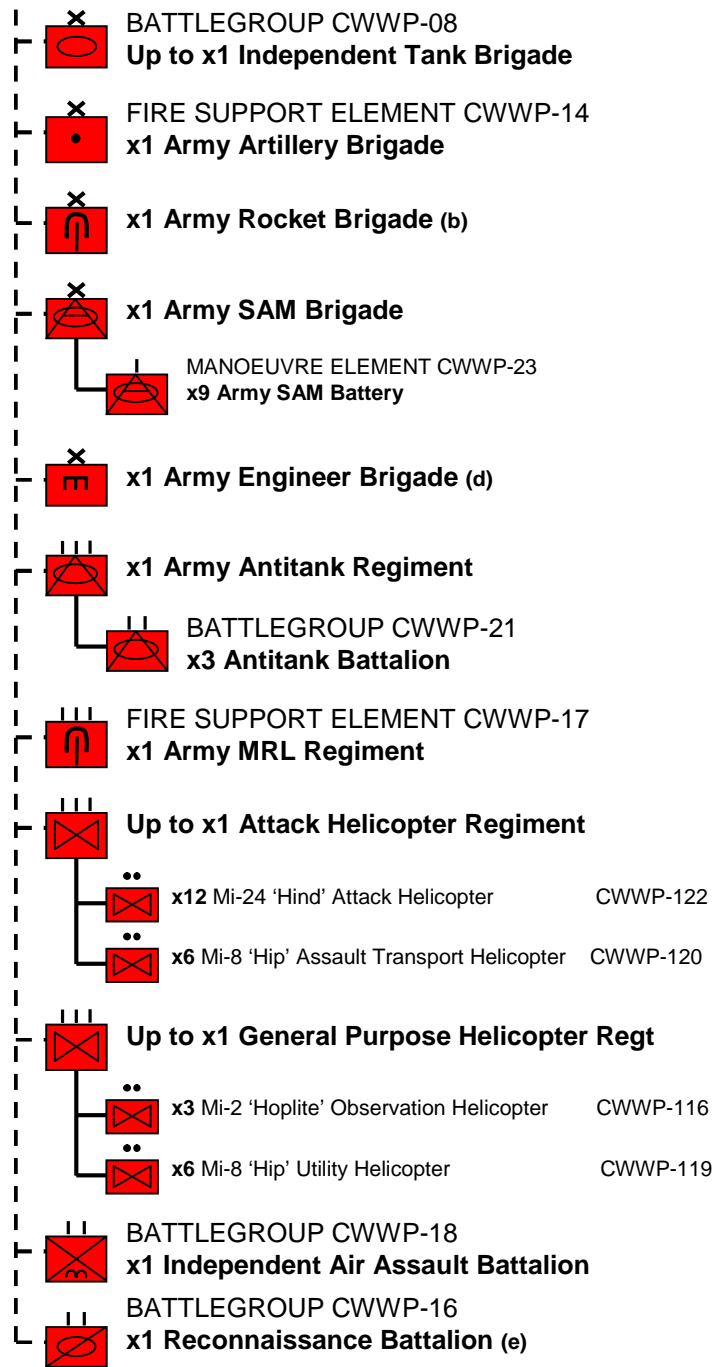


Soviet TO&Es 1980-89 v.1.9

xx BATTLEGROUP CWWP-01
Soviet Tank Division/Guards Tank Division (a)



ARMY ASSETS (c)



(a) A Guards Formation was organisationally identical to a non-Guards Formation. The term 'Guards' was simply an honorific title left over from WW2 and was only of historical interest. There was no qualitative edge, organisational difference or technological edge between Guards and non-Guards divisions. Indeed there were many Guards divisions that were rated 'Category C', while equally there were many non-Guards 'Category A' divisions in the cutting edge of the Western Group of Forces. In East Germany. However, note that all Air Assault Divisions were designated as Guards.

(b) The Divisional Rocket Battalion and Army Rocket Brigade were armed with tactical nuclear missiles. Both these organisations fall outside the scope of wargames as practiced by normal people...

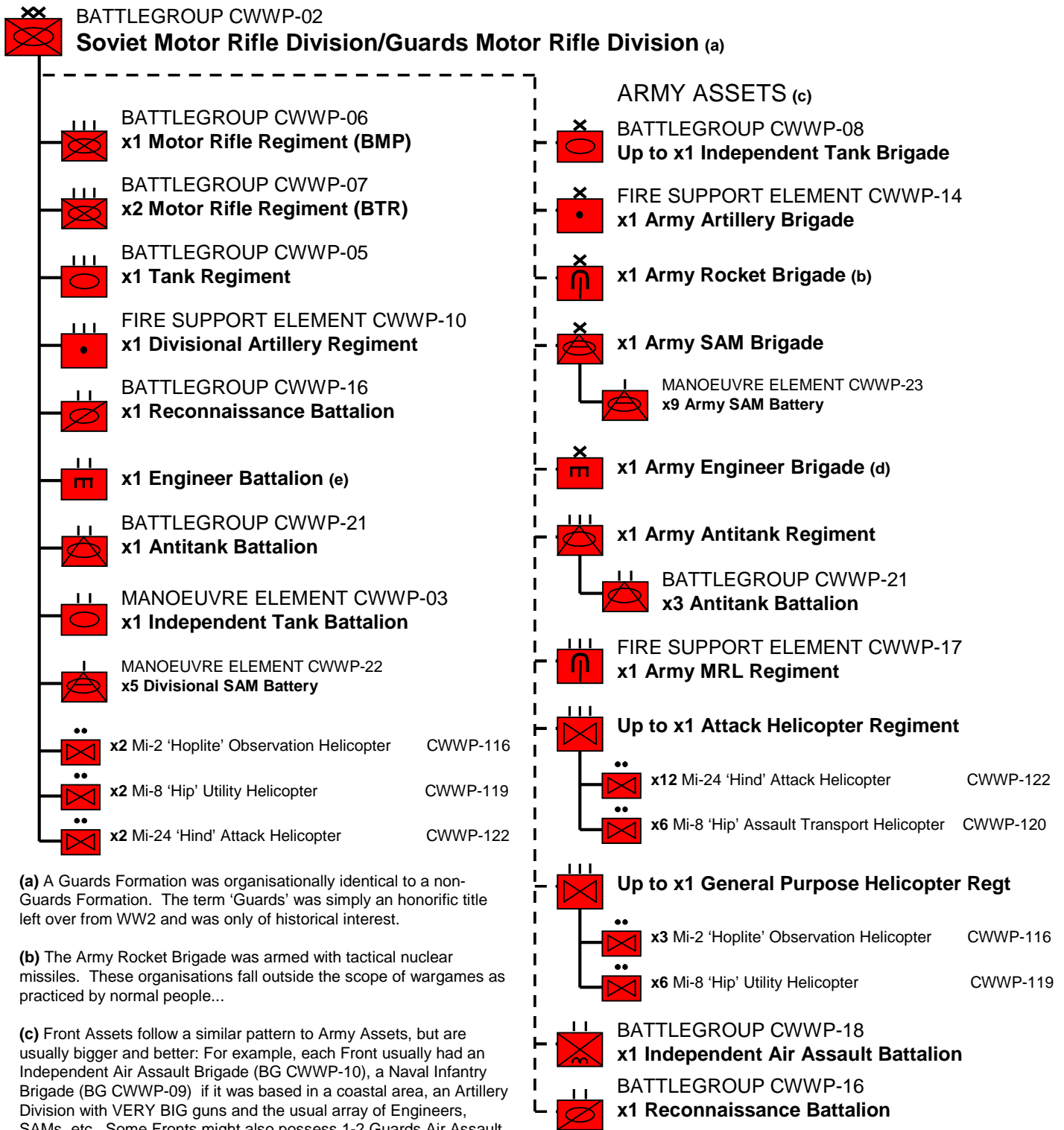
(c) Front Assets follow a similar pattern to Army Assets, but are usually bigger and better: For example, each Front usually had an Independent Air Assault Brigade (BG CWWP-10), a Naval Infantry Brigade (BG CWWP-09) if it was based in a coastal area, an Artillery Division with VERY BIG guns and the usual array of Engineers, SAMs, etc. Some Fronts might also possess 1-2 Guards Air Assault Divisions (BG CWWP-03) in addition to their Air Assault Brigade.

(d) More engineering assets than you can shake a stick at...

(e) An Army Reconnaissance Battalion was generally organised exactly the same as a Divisional Reconnaissance Battalion, though there were many organisational differences in Soviet recce units at all levels and it remains a very complicated area of research.

(f) The Divisional Engineer Battalion had a single Divisional Sapper Company that could be considered an ME for game purposes (ME CWWP-28), while the rest of the battalion consisted of road-building, bridging, amphibian, position preparation and demolition equipment, which is unlikely to feature very heavily in a game.





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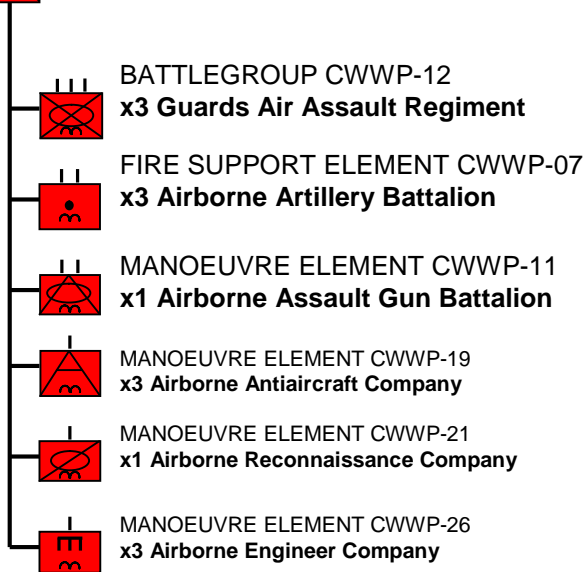
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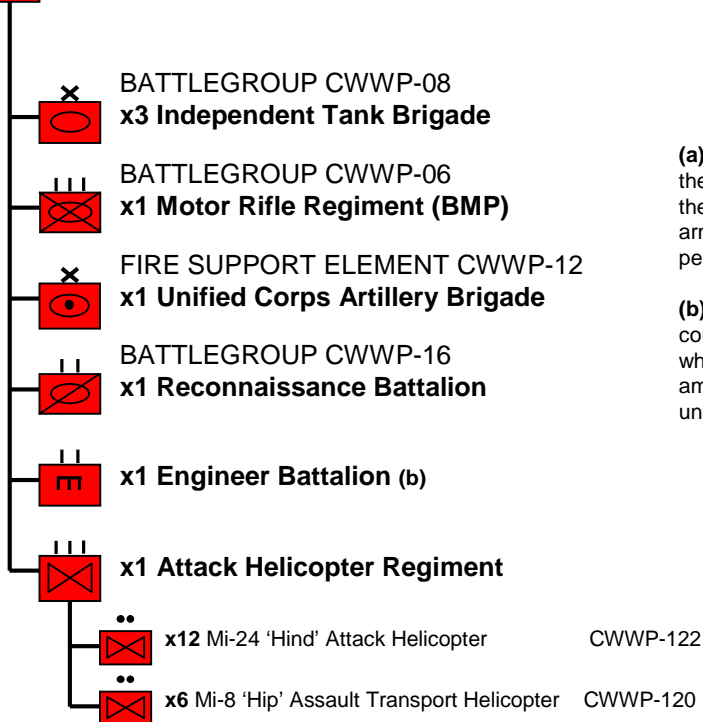
(e) The Divisional Engineer Battalion had a single Divisional Sapper Company that could be considered an ME for game purposes (ME CWWP-28), while the rest of the battalion consisted of road-building, bridging, amphibian, position preparation and demolition equipment, which is unlikely to feature very heavily in a game.

BATTLEGROUP CWWP-03
Soviet Guards Air Assault Division (a)



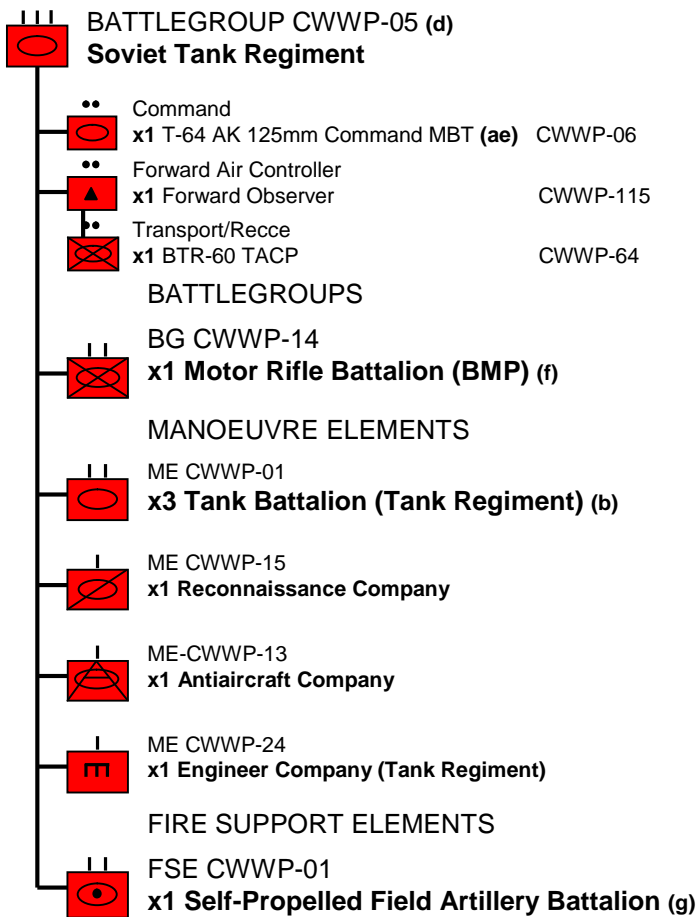
(a) There were no Guards Air Assault Divisions permanently stationed in Central Europe. However, there were several such divisions close at hand, with two being stationed in the Baltic Military District and one each in the Leningrad, Moscow, Belorussian and Odessa Military Districts. Note that each of these Military Districts (which would form a 'Front' in wartime) also had their usual Independent Front Air Assault Brigade.

BATTLEGROUP CWWP-04
Soviet Unified Corps ('Operational Manoeuvre Group' in NATO parlance) (a)



(a) There were two 'Unified Corps'; 1st Unified Corps formed part of the Belorussian Military District and 2nd Unified Corps belonged to the Carpathian Military District. These were formed as heavy armoured groups, designed to be pushed into and through a penetration in NATO's defences at the operational level.

(b) The Corps Engineer Battalion had a single Sapper Company that could be considered an ME for game purposes (ME CWWP-28), while the rest of the battalion consisted of road-building, bridging, amphibian, position preparation and demolition equipment, which is unlikely to feature very heavily in a game



- (a) May replace command tank with:
T-64 BK 125mm Command MBT (c) CWWP-07
Or in the mid 1980s in some Tank Divisions with:
T-80 BK 125mm Command MBT (c) CWWP-12
Or in some divisions outside Germany:
T-72 K 125mm Command MBT CWWP-09
T-72 AK/BK 125mm Command MBT (c) CWWP-10
T-54/55 K 100mm Command MBT CWWP-03
T-62 K 115mm Command MBT CWWP-05

(b) As in WW2, tactical subtlety was not in the Soviet training manual when it came to tank tactics – they were a very large, very powerful blunt instrument. Soviet Tank Battalions therefore operate as single MEs. However, one company may be detached from each Tank Battalion as a separate ME (see ME-01).

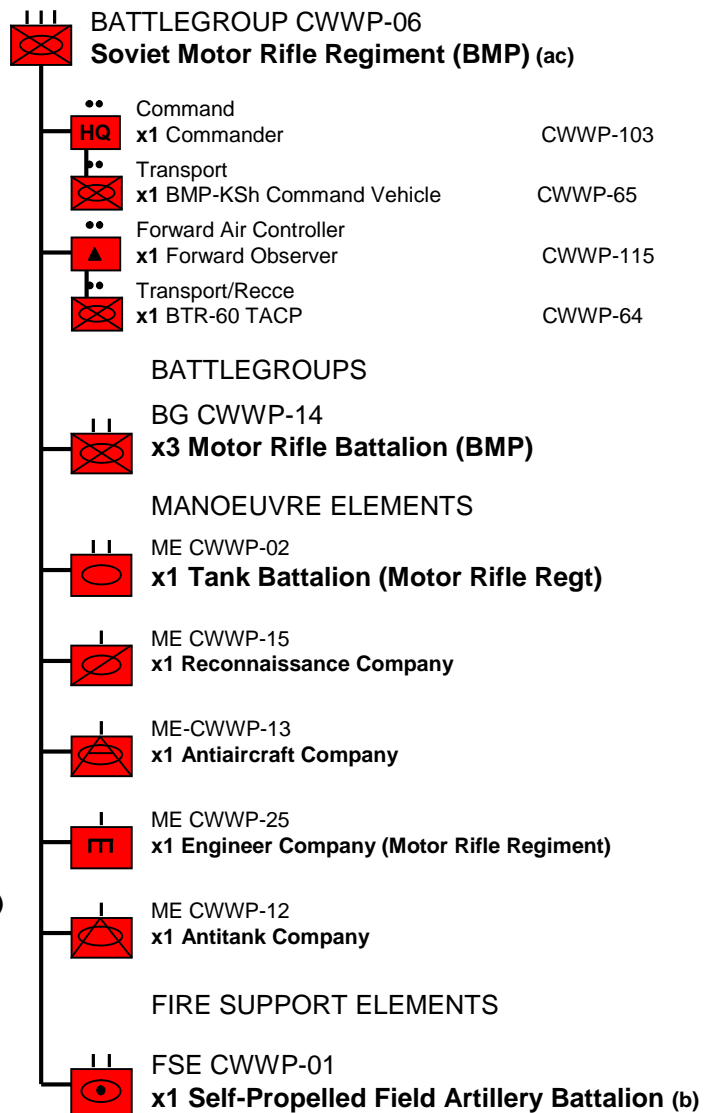
(c) From 1985: T-64 B, T-64 B1, T-72 B and T-80 B tanks and their command variants may be fitted with *Kontakt 1* Explosive Reactive Armour (ERA).

(d) Note that all divisions in the Soviet Western Group of Forces (i.e. East Germany – often referred to by NATO as the 'Group of Soviet Forces, Germany' (GSFG)) were rated Category A in terms of equipment and readiness and were fully equipped with T-64 variants (with T-80 also arriving during the decade).

(e) Soviet Regimental and Battalion Command Tank ('K') variants do not have AAMGs or tube-launched ATGMs.

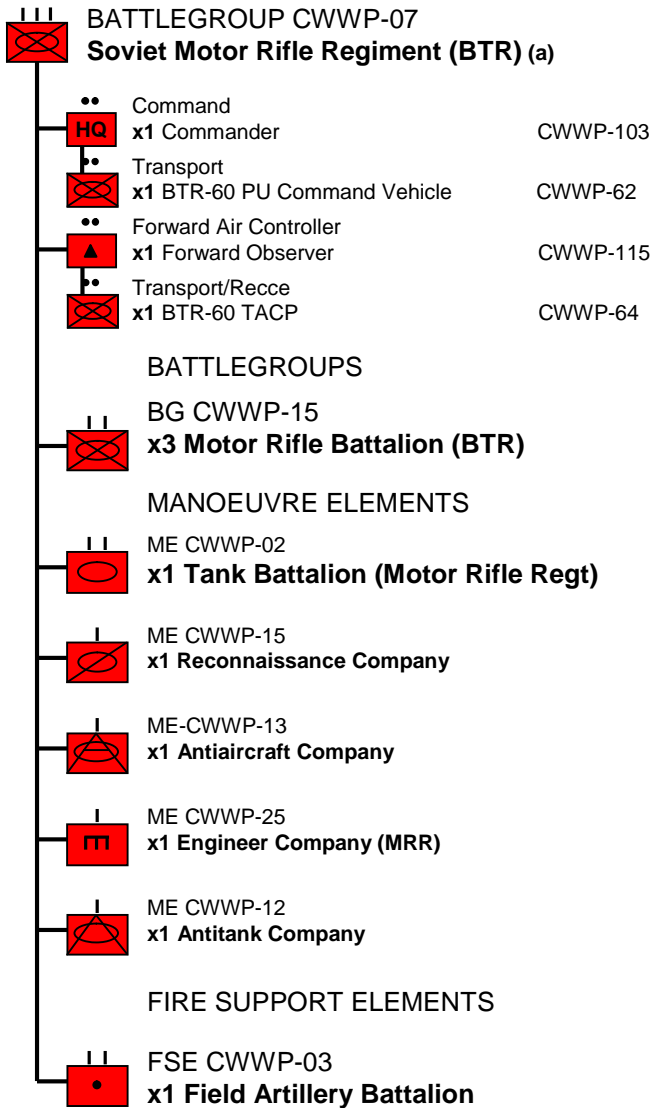
(f) During the early 1980s, there was often only a single Motor Rifle Company (ME CWWP-07). This persisted in many lower-category formations until the end of the Cold War.

(g) During the early 1980s and later in low-category formations, there was often only a single battery in the Regimental Artillery Group and this could often be towed D-30 122mm howitzers rather than self-propelled 2S1s (FSE CWWP-04).

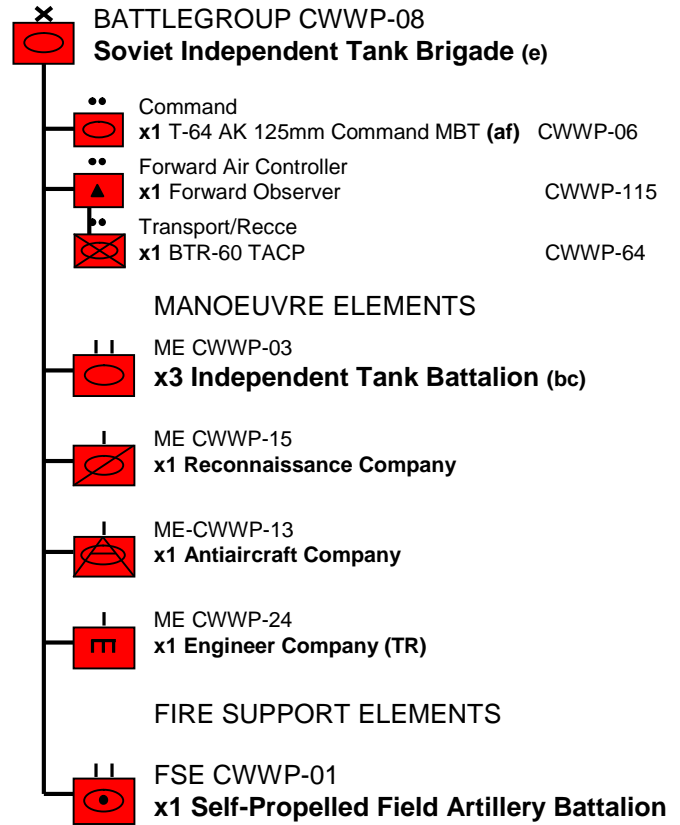


(a) Some divisions, particularly in the early 1980s, had not received BMPs for their senior Motor Rifle Regiment. This was due mainly to a lack of APC production capacity and partly to economics. These regiments were organised as per BG CWWP-03, though with tracked BTR-50 APC variants, rather than wheeled BTR-60/70/80. A few regiments were equipped with MTLB carriers. However, all divisions in the Soviet Western Group of Forces had their full allocation of BMPs.

(b) During the early 1980s and later in low-category formations, there was often only a single battery in the Regimental Artillery Group and this could often be towed D-30 122mm howitzers rather than self-propelled 2S1s (FSE CWWP-04).



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(a) May replace command tank with:
 T-64 BK 125mm Command MBT (d) CWWP-07
 Or in the mid 1980s in some Tank Divisions with:
 T-80 BK 125mm Command MBT (d) CWWP-12
 Or in some formations outside Europe:
 T-72 K 125mm Command MBT CWWP-09
 T-72 AK/BK 125mm Command MBT (d) CWWP-10
 T-54/55 K 100mm Command MBT CWWP-03
 T-62 K 115mm Command MBT CWWP-05

(b) The Tank Battalions of Independent Tank Brigades were organised as per the Independent Tank Battalions of Motor Rifle Divisions. These were very strong, each having five companies.





(c) Soviet Tank Battalions operate as single MEs. However, one company may be detached from each Tank Battalion as a separate ME (see ME-01).

(d) From 1985: T-64 B, T-64 B1, T-72 B and T-80 B tanks and their command variants may be fitted with *Kontakt 1* Explosive Reactive Armour (ERA).


(e) The Independent Tank Brigades were reserve armoured breakthrough formations, to be held back until a penetration was achieved and then thrown into the breach (or alternatively as a counter-penetration 'fire brigade'). There was usually one such Tank Brigade in each of the Soviet Groups of Forces in Europe (called 'Fronts' in wartime), as well as some of the Military Districts in the western USSR (again called 'Fronts' in wartime). One or two individual Armies also had a Tank Brigade. The Ukrainian and Belorussian Military Districts each had a powerful 'Unified Corps' (BG CWWP-04, known to NATO as 'Operational Manoeuvre Groups'), each of x3 Tank Brigades. These were the operational armour reserves for applying the *coup de grace* to NATO in Europe.

(f) Soviet Regimental and Battalion Command Tank ('K') variants do not have AAMGs or tube-launched ATGMs.







BATTLEGROUP CWWP-09
Soviet Independent Naval Infantry Brigade (c)
 (3 in the west and others throughout USSR)

-  Command
x1 Commander CWWP-103
-  Transport
x1 BTR-60 PU Command Vehicle CWWP-62
-  Forward Air Controller
x1 Forward Observer CWWP-115
-  Transport/Recce
x1 BTR-60 TACP CWWP-64



BATTLEGROUPS

-  **BG CWWP-17**
x3 to x5 Naval Infantry Battalion (e)

MANOEUVRE ELEMENTS

-  ME CWWP-04
x1 Naval Amphibious Tank Battalion (a)
-  ME CWWP-05
x1 Naval Tank Battalion (a)
-  ME CWWP-12
x3 Antitank Company (d)
-  ME CWWP-15
x1 Reconnaissance Company (b)
-  ME-CWWP-13
x1 Antiaircraft Company
-  ME CWWP-27
x1 Naval Engineer Company

FIRE SUPPORT ELEMENTS

-  FSE CWWP-01
x1 Self-Propelled Field Artillery Battalion
-  FSE CWWP-05
x1 Multiple Rocket Launcher Battalion

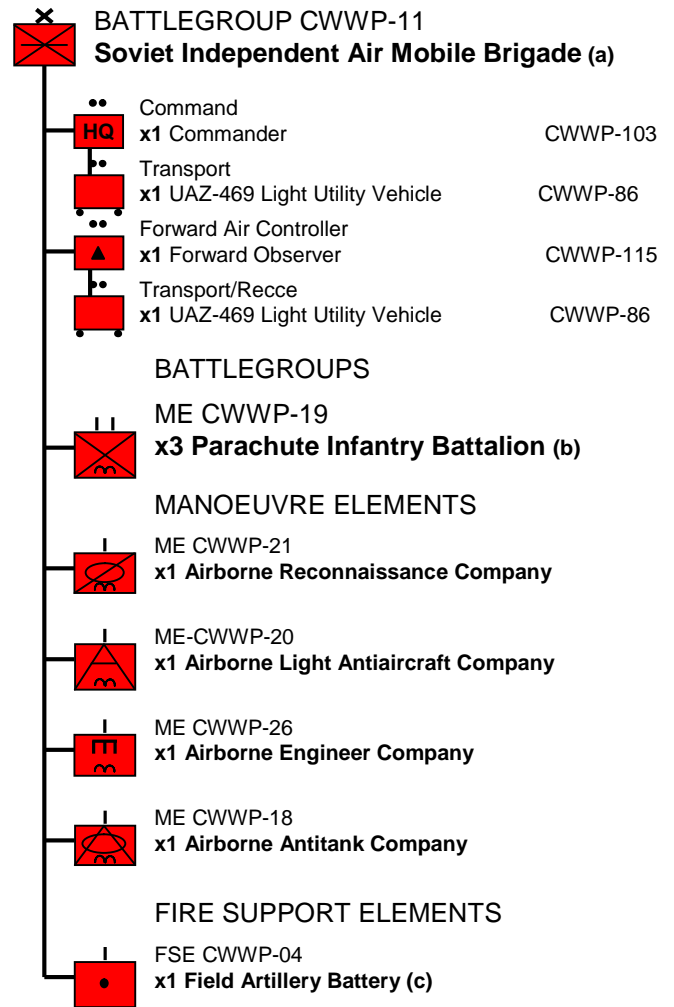
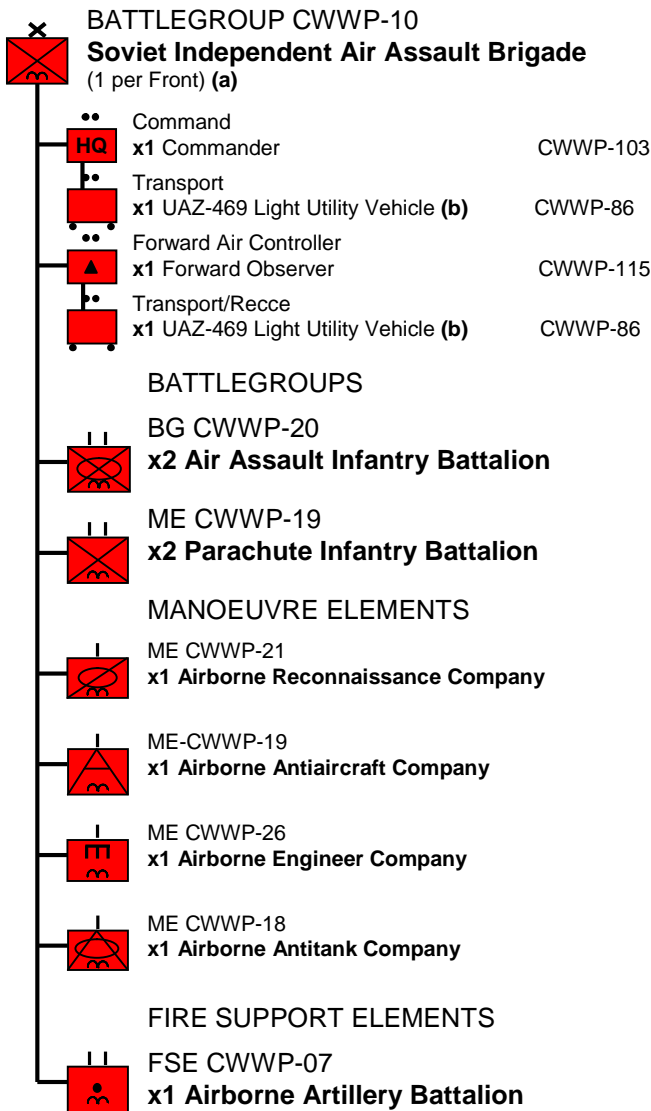
(a) The tank organisation of Naval Infantry Brigades is somewhat confusing, as sources differ wildly. Some sources do not list tanks at all, while others list just a PT-76 battalion or just a T-55 battalion, or both, or mixed battalions with **x3** T-55 Companies and **x1** PT-76 Company, or simply one or two tank battalions (type unspecified)! It is possible that all of these organisations were used somewhere at some time, but the simplest and most likely solution is to one battalion each of T-55 and PT-76.

(b) The Naval Infantry Brigade Reconnaissance Companies were of an obsolete type, employing BRDM and PT-76 (no BMP variants).

(c) The Soviets had two Naval Infantry Brigades in Europe, as part of the Baltic and Leningrad Military Districts, serving alongside the Polish 7th Naval Assault Division. Note however that the Leningrad Brigade was at least partly based around the northern naval bases of Murmansk and Polyarnyy, so may have been used for operations in the Arctic or Atlantic Oceans rather than the Baltic Sea. There were other such Naval Infantry Brigades across the USSR (including one on the Black Sea) and in the Far East there was a Naval Infantry Division of two Brigades.

(d) One source lists an ATGM Company AND an Antitank Battalion. This doesn't seem very likely, so I've only listed the three companies of the Antitank Battalion here.

(e) The Baltic and Leningrad Brigades each had **x5** Naval Infantry Battalions. One Battalion in each brigade was trained for air assault (utilising naval Ka-25 'Hormone' and Ka-35 'Helix' helicopters) and had one company para-qualified. It was not organised or equipped any differently to the other battalions in the brigade; it simply had extra training.



(a) The independent Air Assault Brigades normally formed the airborne reserve for a Soviet 'Front'. Sometimes these were supplemented by Guards Air Assault Divisions (BG CWWP-03). Along the quiet southern fringes of the USSR, the lighter and cheaper Air Mobile Brigades were used rather than Air Assault Brigades (see BG CWWP-11). Individual Soviet Armies each had an independent Air Assault Infantry Battalion under their command (see BG CWWP-18).

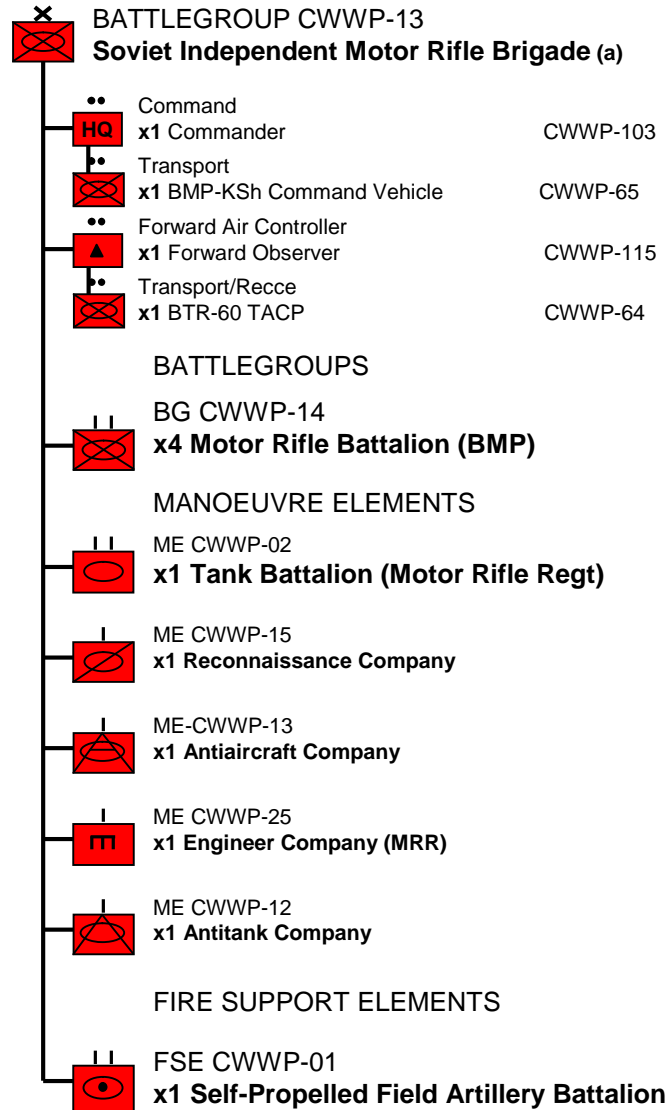
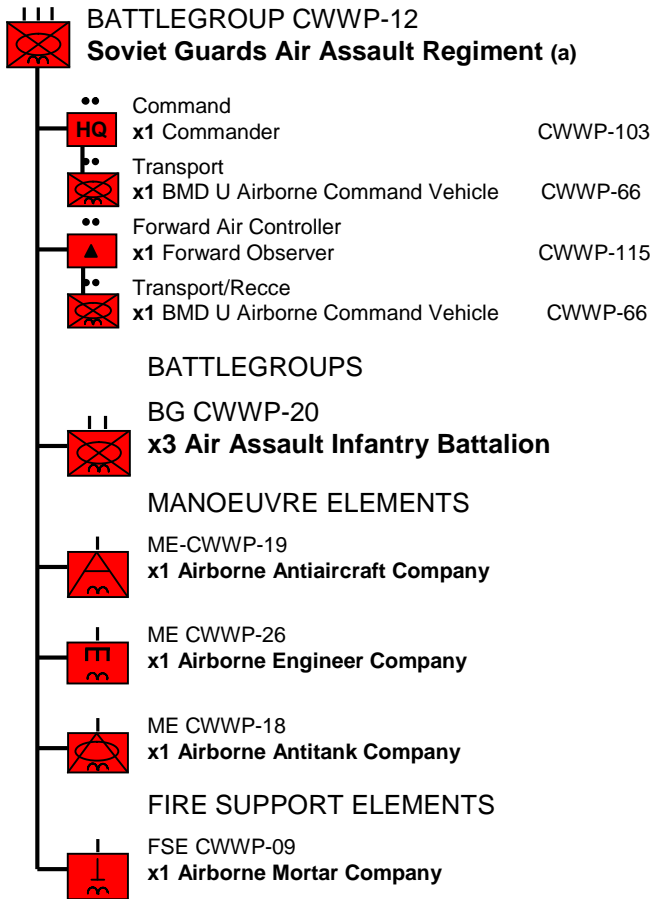
(b) Sources do not list any AFVs for the Brigade Headquarters, so I've given them softskins. However, it does seem possible that they would have used BMDs. Therefore, may replace UAZ-469s with:

BMD U Airborne Command Vehicle CWWP-66

(a) The Airmobile Brigades were mainly deployed along the southern fringes of the USSR, where there wasn't a major threat from NATO. Consequently they were a lot lighter (and cheaper) than the Air Assault Brigades, as they lacked heavy equipment such as BMDs. They also had a single artillery battery rather than an entire artillery battalion as found in the Air Assault Brigades.

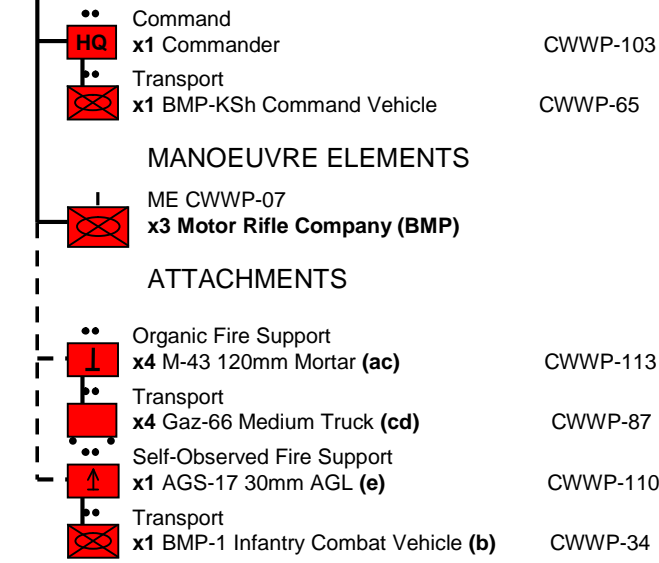
(b) The Para Battalions are organised as per those of the Air Assault Brigades, but they do not have SPG-9 73mm Recoilless Rifles.

(c) The Field Artillery Battery would not have armoured command/OP vehicles.



(a) The term 'Brigade' in the Red Army was something of an honorific and was usually applied to independent regiment-sized units with a very special task. In this case, the unit described above is the 6th Motor Rifle Brigade, which had the distinction of being the garrison of East Berlin. I've not come across any other Independent Motor Rifle Brigades in the Soviet order of battle.

**BATTLEGROUP CWWP-14
Motor Rifle Battalion (BMP)**



(a) May replace M-43 120mm Mortars with:
x4 2B9 Vasilek 82mm Automatic Gun-Mortar (c) CWWP-112

Or a mixed platoon:
x2 2B9 Vasilek 82mm Automatic Mortar CWWP-112
x2 M-43 82mm Mortar (c) CWWP-111

Some sources suggest that in the late 1980s the mortars may be replaced with:
x3 2S9 'Anona' Self-Propelled 120mm Mortar CWWP-72

(b) From mid 1980s: May replace BMP-1 with:
BMP-1P Infantry Combat Vehicle CWWP-35
BMP-2 Infantry Combat Vehicle CWWP-36

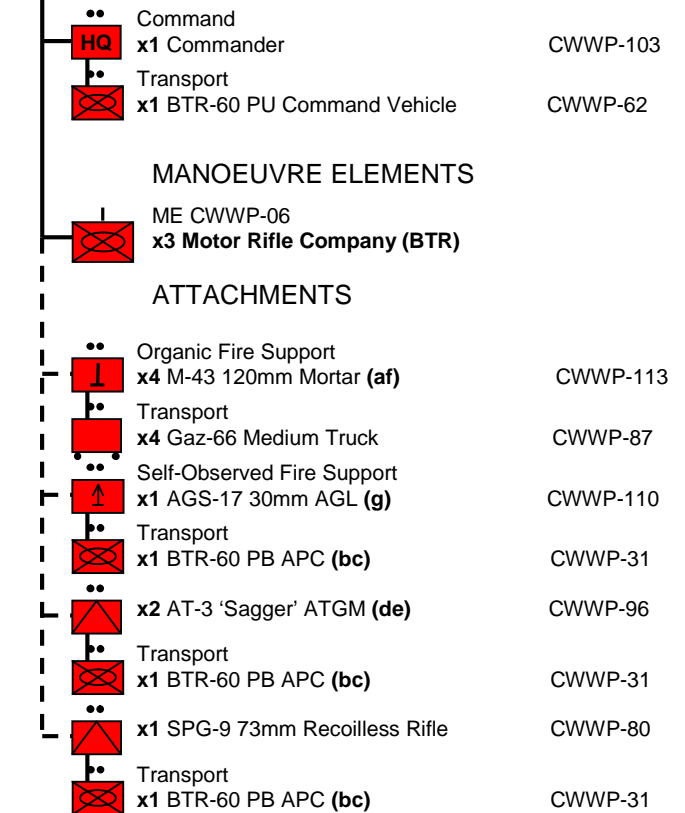
Note that the BMP-1 was never completely replaced by the BMP-2 in Soviet units based in Europe and it was often the case that a unit could have both BMP-1 and BMP-2 (though they were probably segregated by company).

(c) In 1988 a reorganisation reduced the number of mortars in a battalion from x4 to x3. Therefore remove x1 weapon from the platoon. However, it does seem that a great many units were already operating with only x3 weapons throughout the period – possibly due to a shortage of such weapons.

(d) From mid-1980s: May replace trucks with:
MTLB Armoured Carrier CWWP-90

(e) Mid-1980s: Increase to x3 AGS-17.

**BATTLEGROUP CWWP-15
Motor Rifle Battalion (BTR)**



(a) May replace M-43 120mm Mortars with:
x4 2B9 Vasilek 82mm Automatic Gun-Mortar (f) CWWP-112

Or a mixed platoon:
x2 2B9 Vasilek 82mm Automatic Mortar CWWP-112
x2 M-43 82mm Mortar (f) CWWP-111

(b) Note that the BTR-60 PB remained the most common Soviet APC in Europe until the end of the Cold War. Nevertheless, BTR-60 may be replaced with:

BTR-70 APC CWWP-32

Or from mid 1980s: May replace BTR-60/70 with:
BTR-80 APC CWWP-33

(c) During the 1970s and 1980s the USSR suffered from a severe shortage of APCs. As a consequence, some obsolete types remained in service well-beyond their sell-by date in low-category divisions. May therefore replace APCs with one of the following:

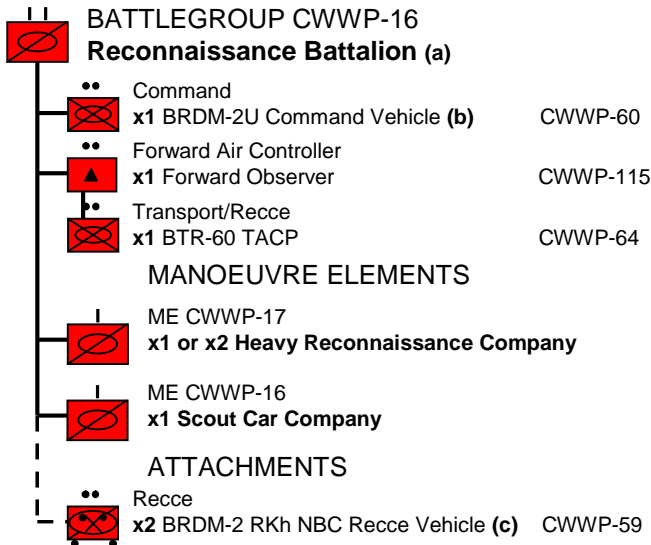
BTR-60 P APC CWWP-29
BTR-60 PA APC CWWP-30
BTR-50 PB APC CWWP-135
BTR-50 PK APC CWWP-28
BTR-152 APC CWWP-27

(d) May replace AT-3 'Sagger' with:
AT-4 'Spigot' ATGM CWWP-97

(e) Battalions of some divisions had x3 ATGMs (the third ATGM replaces the SPG-9 73mm Recoilless Rifle team).

(f) In 1988 a reorganisation reduced the number of mortars in a battalion from x4 to x3. Therefore remove x1 weapon from the platoon. However, it does seem that a great many units were already operating with only x3 weapons throughout the period – possibly due to a shortage of such weapons.

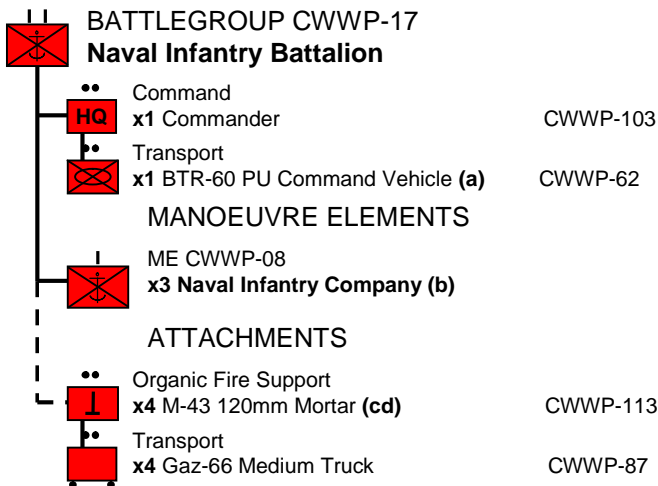
(g) Mid-1980s: Increase to x3 AGS-17.



(a) Note that there were very many variations on Soviet recce unit and sub-unit organisation and it remains a very difficult topic to research.

(b) May replace BRDM-2U with:
 BRM 73mm Reconnaissance Vehicle CWWP-58

(c) Late 1980s: May replace BRDM-2 RKh with:
 RKhM NBC Recce Vehicle CWWP-144

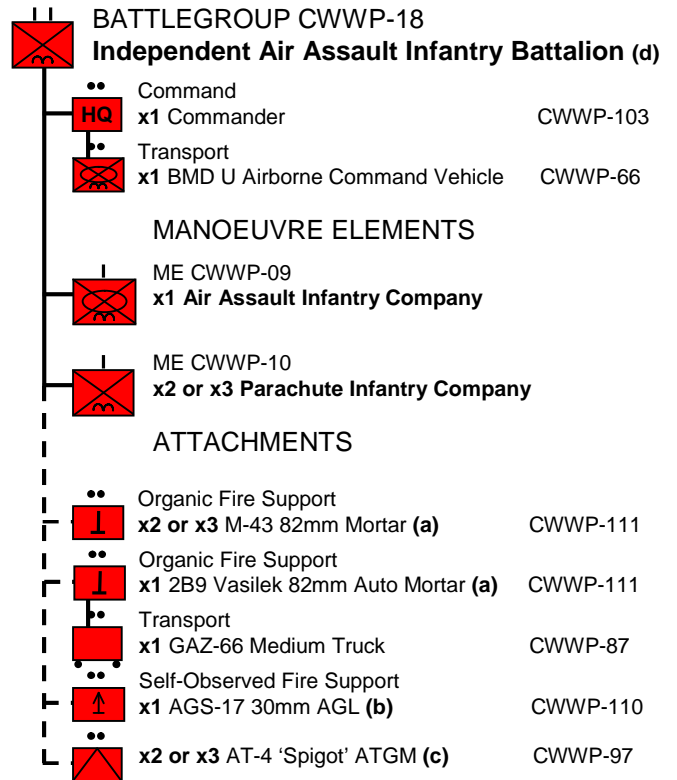


(a) Late 1980s: Replace BTR-60 with:
 BTR-70 APC CWWP-32

(b) One Battalion in each brigade was trained for air assault, with one company being para-qualified. Organisationally they were no different, though clearly the heavy vehicles would not be able to accompany an airborne assault. Transport would be provided by naval Ka-25 'Hormone' or Ka-35 'Helix' helicopters.

(c) In 1988 a reorganisation reduced the number of mortars in a battalion from x4 to x3. Therefore remove x1 weapon from the platoon. However, it does seem that a great many units were already operating with only x3 weapons throughout the period – possibly due to a shortage of such weapons.

(d) Compared to Motor Rifle and Air Assault Battalions, this organisation seems very 'light' on support weapons platoons, but I haven't been able to find many sources from which to glean such information. However, sources for the very similar Polish Marine Battalions also describe a 'light' support weapons organisation, but in that case there was just one platoon of AGS-17s listed for each battalion. This requires further research.

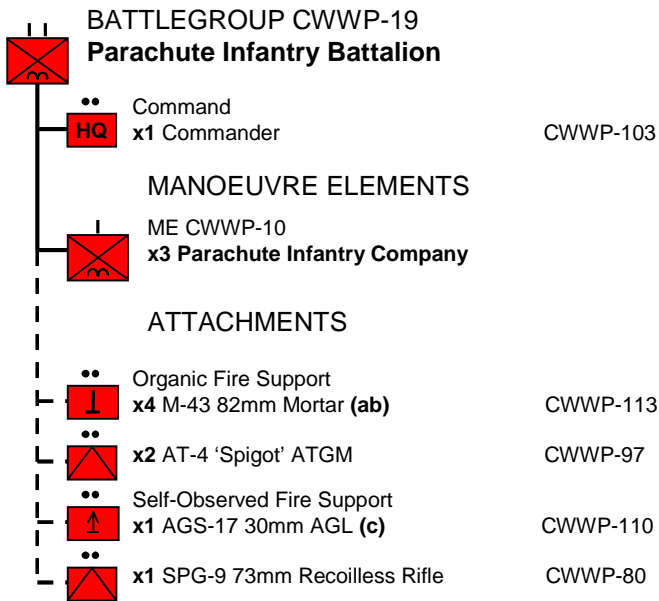


(a) The mortars were normally allocated directly to the battalion's companies, with the Vasilek section going to the Air Assault Company.

(b) Mid-1980s: Increase to x3 AGS-17. These weapons were normally allocated directly to the Parachute Companies.

(c) The AT-4 'Spigot' ATGMs were normally allocated directly to the Parachute Companies. The Air Assault Company had its own organic ATGMs, mounted on its BMDs.

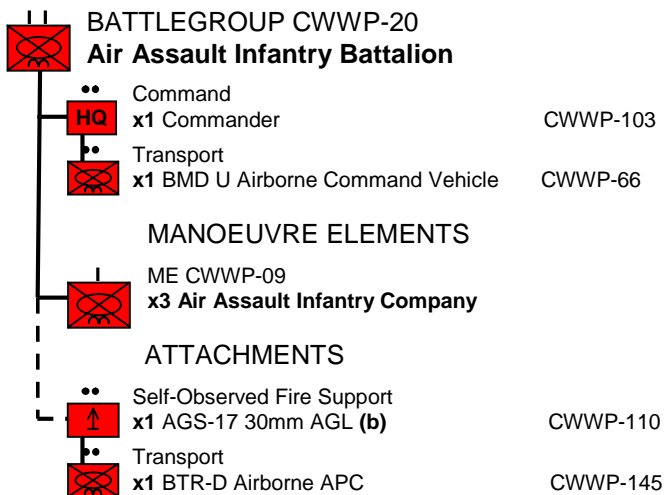
(d) Each Soviet Army normally possessed an Independent Air Assault Infantry Battalion as its airborne reserve.



(a) May replace some or all M-43 120mm Mortars with:
2B9 Vasilek 82mm Automatic Mortar CWWP-112

(b) In 1988 a reorganisation reduced the number of mortars in a battalion from **x4** to **x3**. Therefore remove **x1** weapon from the platoon. However, it does seem that a great many units were already operating with only **x3** weapons throughout the period – possibly due to a shortage of such weapons.

(c) Mid-1980s: Increase to **x3** AGS-17.



(a) Mid-1980s: A small Mortar Platoon may have been added to the organisation:

x1 M-43 82mm Mortar (c) CWWP-111
x1 UAZ-469 Light Utility Vehicle CWWP-86

(b) Mid-1980s: Increase to **x3** AGS-17.



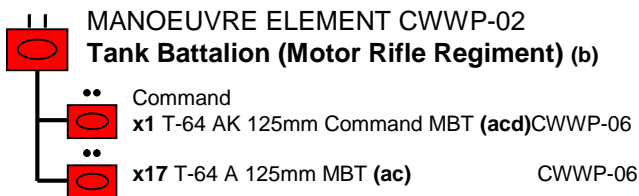
- (a) May replace all tanks with:
- T-64 B 125mm MBT (c) CWWP-07
 - T-64 B1 125mm MBT (c) CWWP-08
- Or in the mid 1980s in some Tank Divisions with:
- T-80 B 125mm Main Battle Tank (c) CWWP-12
- Or in some divisions outside Germany with:
- T-72 125mm Main Battle Tank CWWP-09
 - T-72 A/B 125mm Main Battle Tank (c) CWWP-10
 - T-54/55 100mm Main Battle Tank CWWP-03
 - T-62 115mm Main Battle Tank CWWP-05

(b) Soviet Tank Battalions generally operate as single MEs. However, one company of **x4** tanks may be detached from each Tank Battalion as a separate ME (designate one tank as the Company Commander).

(c) From 1985: T-64 B, T-64 B1, T-72 B and T-80 B tanks and their command variants may be fitted with *Kontakt 1* Explosive Reactive Armour (ERA).

(d) Soviet Regimental and Battalion Command Tank ('K') variants do not have AAMGs or tube-launched ATGMs.

(e) Some low-category formations would have a reduced battalion establishment with only two platoons per company. In these instances, delete **x3** Main Battle Tanks.

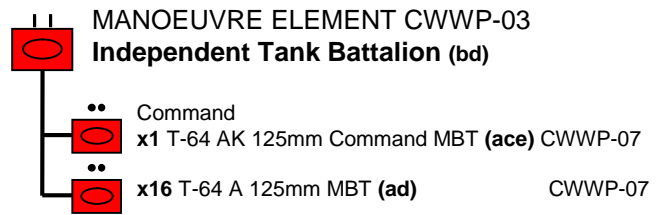


- (a) May replace all tanks with:
- T-64 B 125mm MBT (c) CWWP-07
 - T-64 B1 125mm MBT (c) CWWP-07
- Or in the mid 1980s in some Tank Divisions with:
- T-80 B 125mm Main Battle Tank (c) CWWP-12
- Or in some divisions outside Germany with:
- T-72 125mm Main Battle Tank CWWP-09
 - T-72 A/B 125mm Main Battle Tank (c) CWWP-10
 - T-54/55 100mm Main Battle Tank CWWP-03
 - T-62 115mm Main Battle Tank CWWP-05

(b) Soviet Tank Battalions generally operate as single MEs. However, in this instance, the battalion may be divided up into company MEs of **x6** tanks each, with each company coming under the command of a Motor Rifle Battalion commander (designate one tank in each company as the Company Commander).

(c) From 1985: T-64 B, T-64 B1, T-72 B and T-80 B tanks and their command variants may be fitted with *Kontakt 1* Explosive Reactive Armour (ERA).

(d) Soviet Regimental and Battalion Command Tank ('K') variants do not have AAMGs or tube-launched ATGMs.



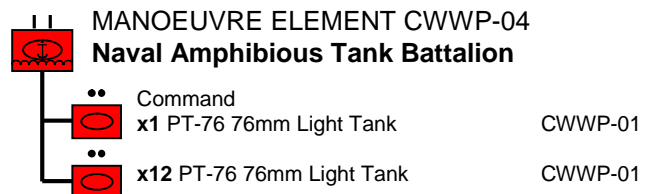
- (a) May replace all tanks with:
- T-64 B 125mm MBT (c) CWWP-07
 - T-64 B1 125mm MBT (c) CWWP-08
- Or in the mid 1980s in some Independent Tank Brigades with:
- T-80 B 125mm Main Battle Tank (c) CWWP-12
- Or in some divisions outside Germany with:
- T-72 125mm Main Battle Tank CWWP-09
 - T-72 A/B 125mm Main Battle Tank (c) CWWP-10
 - T-54/55 100mm Main Battle Tank CWWP-03
 - T-62 115mm Main Battle Tank CWWP-05

(b) Soviet Tank Battalions generally operate as single MEs. However, one company of **x4** tanks may be detached from each Tank Battalion as a separate ME (designate one tank as the Company Commander).

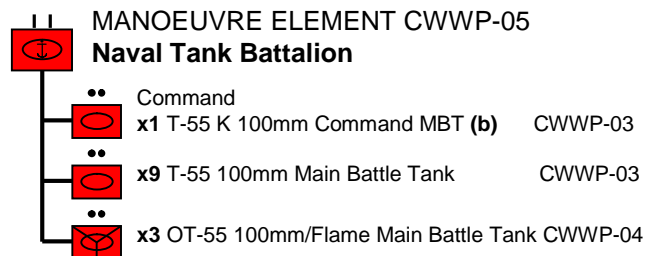
(c) From 1985: T-64 B, T-64 B1, T-72 B and T-80 B tanks and their command variants may be fitted with *Kontakt 1* Explosive Reactive Armour (ERA).

(d) Each Motor Rifle Division had an Independent Tank Battalion, which was the Divisional Commander's tactical reserve – to exploit a local tactical advantage, in the same way as the Army & Front Commanders could call upon Independent Tank Brigades. These battalions were larger than the Tank Battalions of Tank Regiments, having **x4** Companies. From the mid-1980s this was increased to **x5** Companies (Increase to **x20** Main Battle Tanks plus **x1** Command Tank).

(e) Soviet Regimental and Battalion Command Tank ('K') variants do not have AAMGs or tube-launched ATGMs.



(a) Soviet Tank Battalions generally operate as single MEs. However, one company of **x4** tanks may be detached from each Tank Battalion as a separate ME (designate one tank as the Company Commander).



(a) Soviet Tank Battalions generally operate as single MEs. However, one company of **x4** tanks (including **x1** OT-55) may be detached from each Tank Battalion as a separate ME (designate one tank as the Company Commander).

(b) Soviet Regimental and Battalion Command Tank ('K') variants do not have AAMGs.



(a) Throughout the 1970s & 80s the Soviets were suffering an acute shortage of manpower and APCs. Consequently, one platoon was often dropped from BTR-mounted Motor Rifle Companies as a consolidation measure. The retention of a MG Section and the firepower of the APCs themselves did help to offset this loss. In this instance, delete **x3** Motor Rifles (1 MAW) and **x1** BTR-60 PB.

- (b) May replace SA-7 'Grail' SAM Team with:
 SA-14 'Gremlin' SAM Team CWWP-100
 Or in some divisions from mid-1980s with:
 SA-16 'Gimlet' SAM Team CWWP-101
 Or in some divisions from late-1980s with:
 SA-18 'Grouse' SAM Team CWWP-102

(c) The main MAW type used throughout the 80s was the RPG-7V (RPG-16 only seems to have been adopted by the Airborne Forces). LAWs were RPG-18, though from late-1980s in some divisions, the RPG-18 LAWs may be replaced with:
 RPG-22 LAW

(d) Many units (particularly in Germany) were issued with light ATGMs at the company level. May therefore add the following:
x1 AT-7 'Saxhorn' ATGM Team CWWP-98
 However, note that each Motor Rifle Battalion may only have **x1** AT-7 unit in total, which must be issued to one of the three companies.

(e) Note that the BTR-60 PB remained the most common Soviet APC in Europe until the end of the Cold War. Nevertheless, BTR-60 may be replaced with:
 BTR-70 APC CWWP-32
 Or from mid 1980s: May replace BTR-60/70 with:
 BTR-80 APC CWWP-33

(f) As a consequence of the shortage of APCs, some obsolete types remained in service well-beyond their sell-by date in low-category divisions. Note that this did not include the Soviet WGF, which was often given the latest technology. However, the reserve formations in eastern Europe and the western USSR, were not always quite so fortunate. May therefore replace APCs with one of the following:
 BTR-60 P APC CWWP-29
 BTR-60 PA APC CWWP-30
 BTR-50 PK APC CWWP-28
 BTR-50 PB APC CWWP-135
 BTR-152 APC CWWP-27

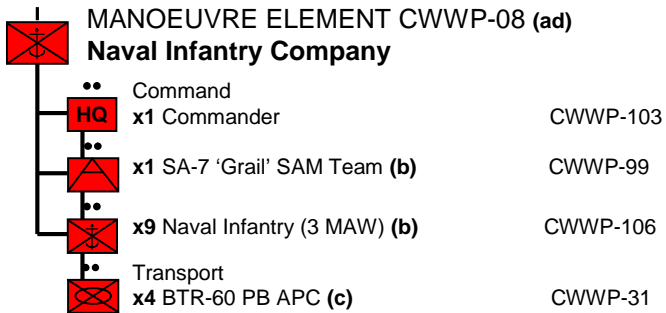
(g) Many low-category divisions persisted in using the AK-47 assault rifle rather than AK-74 and never received RPG-18 or RPG-22 LAWs. In these divisions, replace all Motor Rifles with:
 Early Motor Rifles (AK-47) (3 RPG7) CWWP-105

- (a) May replace SA-7 'Grail' SAM Team with:
 SA-14 'Gremlin' SAM Team CWWP-100
 Or in some divisions from mid-1980s with:
 SA-16 'Gimlet' SAM Team CWWP-101
 Or in some divisions from late-1980s with:
 SA-18 'Grouse' SAM Team CWWP-102

(b) The main MAW type used throughout the 80s was the RPG-7V (RPG-16 only seems to have been adopted by the Airborne Forces). LAWs were RPG-18, though from late-1980s in some divisions, the RPG-18 LAWs may be replaced with:
 RPG-22 LAW

(c) From mid-1980s, may replace BMP-1 in some divisions with:
 BMP-1P Infantry Combat Vehicle CWWP-35
 Or in many divisions (particularly in Germany) with:
 BMP-2 Infantry Combat Vehicle CWWP-36
 Note that the BMP-2 never completely replaced the BMP-1 in Germany and the first complete BMP-2 battalions did not appear until 1987. Many battalions operated both types simultaneously, though they were probably segregated by company (e.g. 1 company with BMP-2 and 2 companies with BMP-1).

(d) Many low-category divisions persisted in using the AK-47 assault rifle rather than AK-74 and never received RPG-18 or RPG-22 LAWs. In these divisions, replace all Motor Rifles with:
 Early Motor Rifles (AK-47) (3 RPG7) CWWP-105

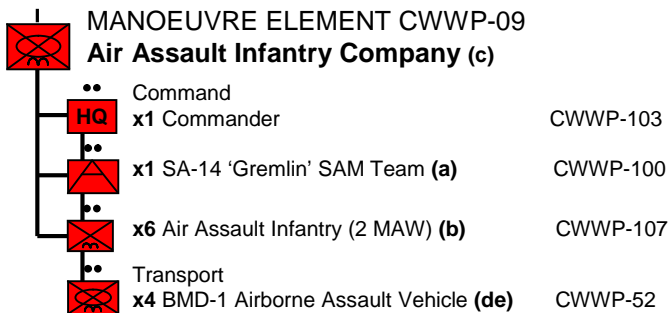


(a) May replace SA-7 'Grail' SAM Team with:
SA-14 'Gremlin' SAM Team CWWP-100
Or from late-1980s with:
SA-16 'Gimlet' SAM Team CWWP-101

(b) The main MAW type used throughout the 80s was the RPG-7V (RPG-16 only seems to have been adopted by the Airborne Forces). LAWs were RPG-18, though from late-1980s in Category A Divisions, the RPG-18 LAWs may be replaced with:
RPG-22 LAW

(c) From mid-1980s, may replace BTR-60 PB with:
BTR-70 APC CWWP-32

(d) From mid-1980s, may add:
up to x1 AT-7 'Saxhorn' ATGM Team CWWP-98
However, only one company in each battalion may have an AT-7.



(a) From mid-1980s, may replace SA-14 'Gremlin' SAM Team with:
SA-16 'Gimlet' SAM Team CWWP-101
Or from late-1980s with:
SA-18 'Grouse' SAM Team CWWP-102

(b) The main MAW type used by the Airborne Forces throughout the 80s was the RPG-16D. LAWs were RPG-18, though from late-1980s, the RPG-18 LAWs may be replaced with:
RPG-22 LAW

(c) It seems that the SPG-9 73mm Recoilless Rifle was used by Independent Air Assault Brigades. Therefore, in Independent Air Assault Battalions and Guards Air Assault Regiments, add:
x1 SPG-9 73mm Recoilless Rifle CWWP-80
x1 BTR-D Airborne Armoured Personnel Carrier CWWP-145

(d) Mid-1980s, may replace BMD-1 with:
BMD-1 P Airborne Assault Vehicle CWWP-146
Or in late 1980s with:
BMD-2 Airborne Assault Vehicle CWWP-53

(e) As BMDs were complex, expensive and slow to build, some units used the simplified BTR-D. May therefore replace BMDs with:
BTR-D Airborne Armoured Personnel Carrier CWWP-145

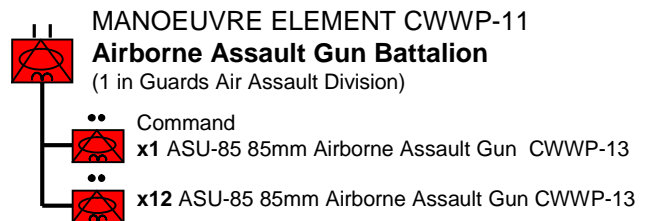


(a) From mid-1980s, may replace SA-14 'Gremlin' SAM Team with:
SA-16 'Gimlet' SAM Team CWWP-101
Or from late-1980s with:
SA-18 'Grouse' SAM Team CWWP-102

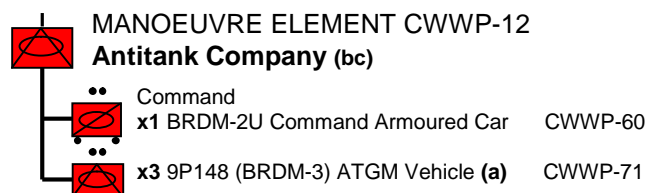
(b) The main MAW type used by the Airborne Forces throughout the 80s was the RPG-16D. LAWs were RPG-18, though from late-1980s, the RPG-18 LAWs may be replaced with:
RPG-22 LAW

(c) SPG-9 73mm Recoilless Rifle is only found in the companies of Parachute Battalions of Independent Air Assault Brigades.

(d) AT-7 'Saxhorn' is only found in the companies of Parachute Battalions of Independent Air Assault Brigades. Mid-1980s: May increase to x2 AT-7 'Saxhorn'.



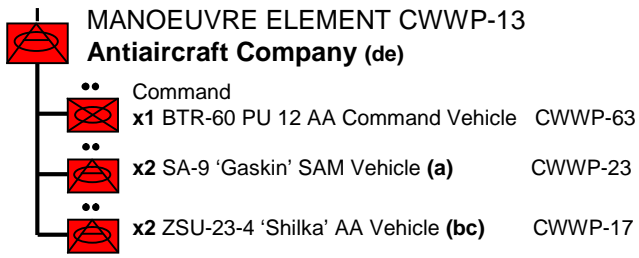
(a) The battalion would generally operate as a single ME. However, one company of x4 ASU-85s may be detached as a separate ME (designate one ASU-85 as the Company Commander).



(a) In some divisions with obsolete equipment, may replace all BRDM-3 with:
9P110 (BRDM-1/AT-3 'Sagger') ATGM Vehicle CWWP-69
9P122 (BRDM-2/AT-3 'Sagger') ATGM Vehicle CWWP-70

(b) Regimental Antitank Companies may be split up as individual attachments to units within the regiment.

(c) In some division or army-level Antitank Companies, may replace organisation with the following:
x1 Command MTLB Armoured Carrier CWWP-90
x3 9P149 'Shturm-S' (AT-6 'Spiral') ATGM Vehicle CWWP-163



(a) May replace all SA-9 'Gaskin' with:
SA-13 'Gopher' SAM Vehicle CWWP-25

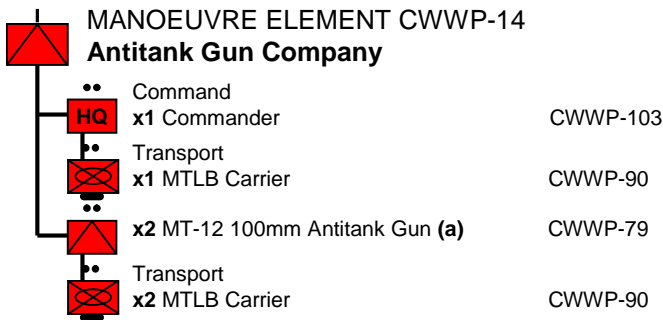
(b) Late 1980s in some high-priority divisions: May replace all ZSU-23-4 and SA-9 with:

x2 2S6 'Tunguska' Gun-Missile AA Vehicle CWWP-18
However, some sources state that the 2S6 only replaced the ZSU-23-4 element of the company and SAM vehicles remained alongside the 2S6.

(c) In some divisions with obsolete equipment, may replace all ZSU-23-4 with:
ZSU-57-2 Antiaircraft Vehicle CWWP-16

(d) Note that during the 1988 reorganisations, the Regimental AA Companies of Motor Rifle Regiments were reorganised into Regimental AA Battalions, incorporating all the man-portable air defence ('MANPAD') weapons in the regiment (SA-7, SA-14, SA-16 & SA-18). However, as these weapons were still normally deployed tactically with the Motor Rifle Companies it makes little difference in game terms.

(e) Regimental Antiaircraft Companies may be split up as individual attachments to other units within the regiment.



(a) In some divisions with obsolete equipment, may replace the MT-12 100mm Antitank Guns with:
x2 D-44 85mm Antitank Gun CWWP-77



(a) Note that Soviet recce unit organisations varied wildly from unit to unit and is a very difficult topic to research. For example, it was common practice to form Reconnaissance Groups, using the Reconnaissance Company as the core, but attaching platoons or sections of SP artillery, tanks or motor rifles from Regiment. May therefore attach:

- x1 Main Battle Tank (from Regimental Tanks)
- x1 2S1 SP 122mm Howitzer (from Regimental Artillery)
- x1 1V13 OP Vehicle (from Regimental Artillery)

(b) Some divisions outside Europe that continued to use obsolete equipment, (as well as Naval Infantry Brigades), continued to use obsolete Recce Company organisations such as:

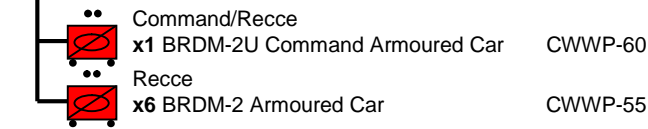


(c) The armoured cars may alternatively be obsolete types such as:
BTR-40 CWWP-26
BRDM-1 CWWP-54

There was sometimes a dismountable element, in which case, add:
x1 Commander CWWP-103
x2 Early Motor Rifles (no RPG) CWWP-105

(d) Late 1980s: May replace BRDM-2 RKh with:
RKhM NBC Recce Vehicle CWWP-144

MANOEUVRE ELEMENT CWWP-16
Scout Car Company (abc)



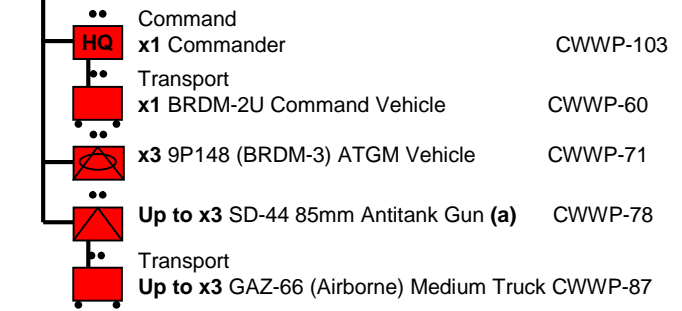
(a) The Scout Car Company also contained a platoon of Spetznatz for long-range reconnaissance by UAZ, on foot or by helicopter insertion. I haven't included them here, as they were only held by the company for administrative purposes don't really come within the realms of a tactical battle.

(b) Note that there were very many variations to Soviet recce unit organisation and it is a very difficult topic to research. Some units may also have continued to use obsolete equipment.

(c) The British Army Soviet Army Minor Tactics Manual (1991) also includes two recce infantry platoons in this organisation: delete **x2** BRDM-2 and add:

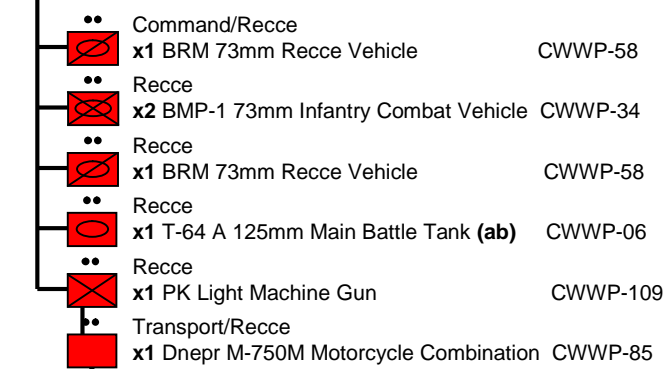
x1 Commander (carried in BRDM-2U)	CWWP-103
x6 Motor Rifle Infantry (2 MAW)	CWWP-104
x2 BTR-60 PB Armoured Personnel Carrier	CWWP-31

MANOEUVRE ELEMENT CWWP-18
Airborne Antitank Company



(a) The SD-44 85mm Antitank Gun was equipped with an auxiliary 'donkey-engine' for manoeuvring the gun when its tractor was not available (particularly likely in a heli-borne operation, for example). In game terms, the SD-44 may not be manhandled in the usual sense. (notice that the regular D-44 85mm Antitank Gun has a movement value of 0/0). Before moving, an SD-44 must use an action to 'limber' and may then move at its movement rate (2/4), classed as a Wheeled Vehicle for bog-down/breaching purposes. It must then use an action to 'unlimber' before firing. Note that sources vary as to whether there were **x2** guns, **x3** guns or no guns at all, while one source states that the guns were held in their own independent Antitank Gun Company.

MANOEUVRE ELEMENT CWWP-17
Heavy Reconnaissance Company (c)



(a) May replace tank with:
 T-64 B 125mm MBT (b) CWWP-07
 T-64 B1 125mm MBT (b) CWWP-08

Or in the mid 1980s in some Tank Divisions with:
 T-80 B 125mm Main Battle Tank (b) CWWP-12

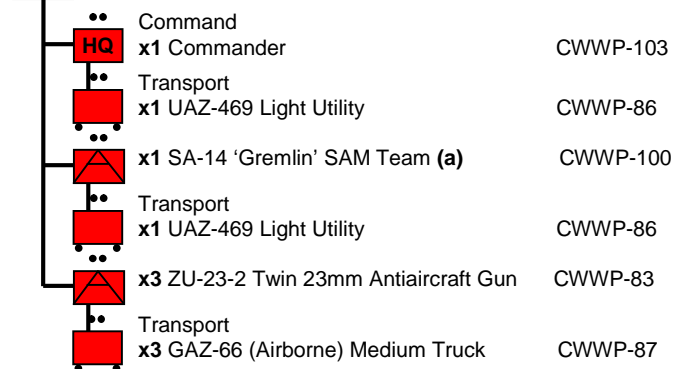
Or in some divisions outside Germany:
 T-72 125mm Main Battle Tank CWWP-09
 T-72 A/B 125mm Main Battle Tank (b) CWWP-10
 T-54/55 100mm Main Battle Tank CWWP-03
 T-62 115mm Main Battle Tank CWWP-05

However, some sources do not list any tanks in this organisation at all and refer instead to it as a 'BMP Reconnaissance Company'.

(b) From 1985: T-64 B, T-64 B1, T-72 B and T-80 B tanks and their command variants may be fitted with *Kontakt 1* Explosive Reactive Armour (ERA).

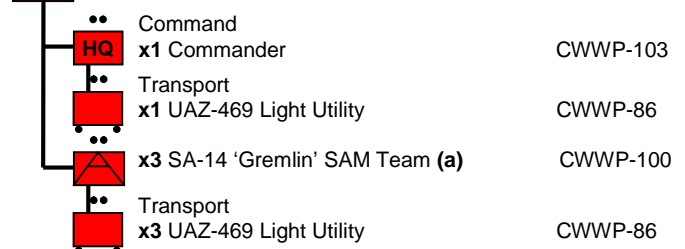
(c) Note that there were very many variations to Soviet recce unit organisation and it is a very difficult topic to research. Some units may also have continued to use obsolete equipment.

MANOEUVRE ELEMENT CWWP-19
Airborne Antiaircraft Company

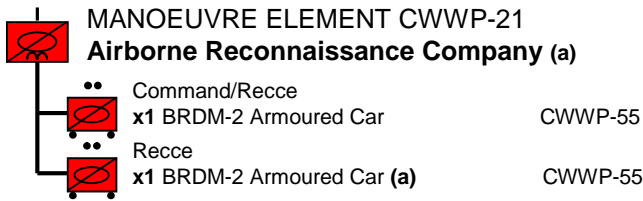


(a) From mid-1980s, may replace SA-14 'Gremlin' SAM Team with:
 SA-16 'Gimlet' SAM Team CWWP-101
 Or from late-1980s with:
 SA-18 'Grouse' SAM Team CWWP-102

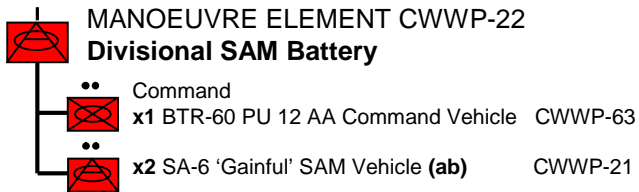
MANOEUVRE ELEMENT CWWP-20
Airborne Light Antiaircraft Company



(a) From mid-1980s, may replace SA-14 'Gremlin' SAM Team with:
 SA-16 'Gimlet' SAM Team CWWP-101
 Or from late-1980s with:
 SA-18 'Grouse' SAM Team CWWP-102

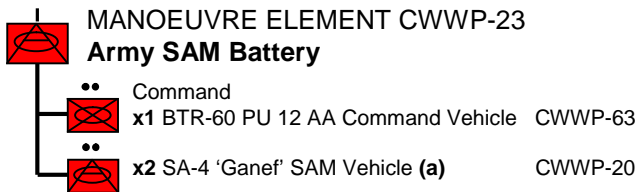


(a) In the Guards Airborne Division Reconnaissance Company, increase to **x3** BRDM-2 Armoured Cars.

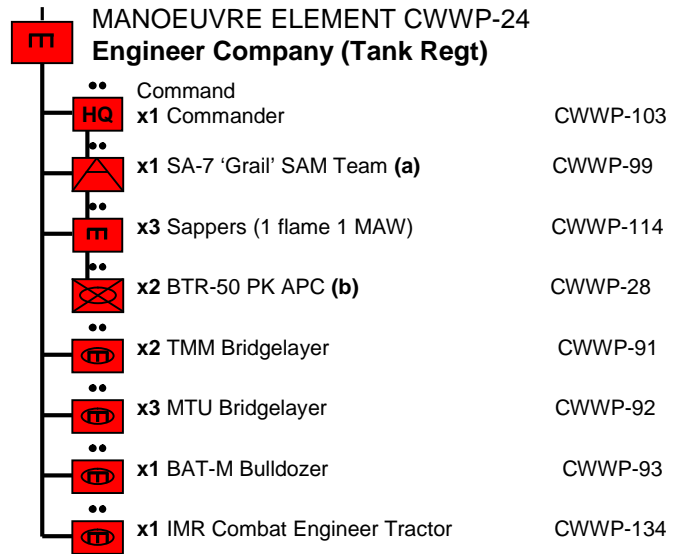


(a) May replace all SA-6 'Gainful' with:
 SA-8 'Gecko' SAM Vehicle CWWP-22

(b) Some sources say that the SA-15 'Gauntlet' was in service by the end of the 1980s, however, I feel that this is highly optimistic. The system, while highly effective, is extremely expensive, which would undoubtedly have put the brakes on full-scale production. Even today it is only operated in small numbers by the Russian Army and is mainly an export system.



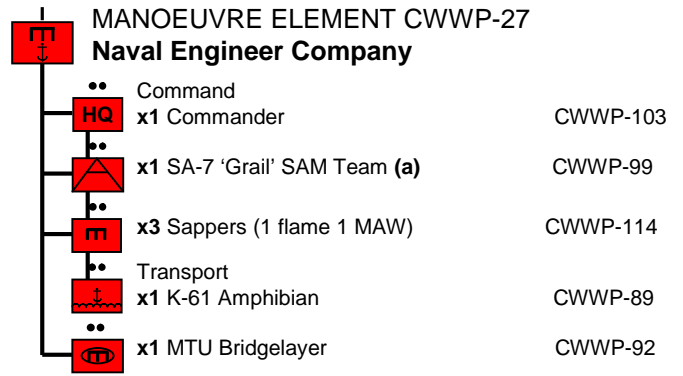
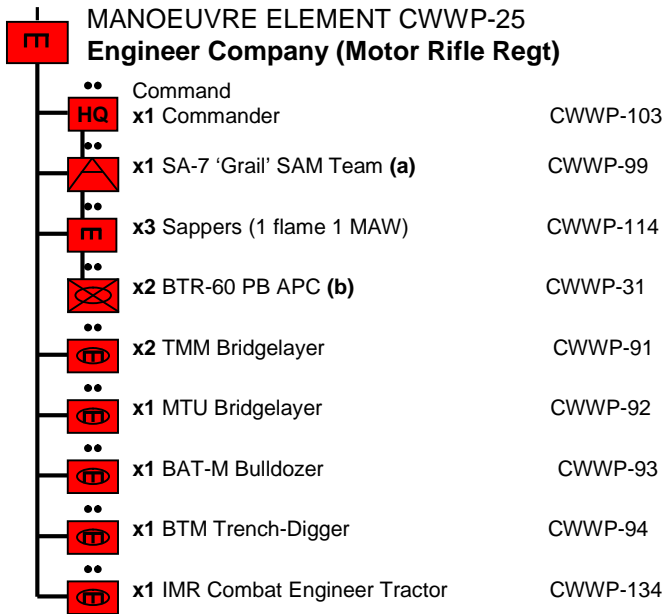
(a) May replace all SA-4 'Ganef' with:
 SA-11 'Gadfly' SAM Vehicle CWWP-24



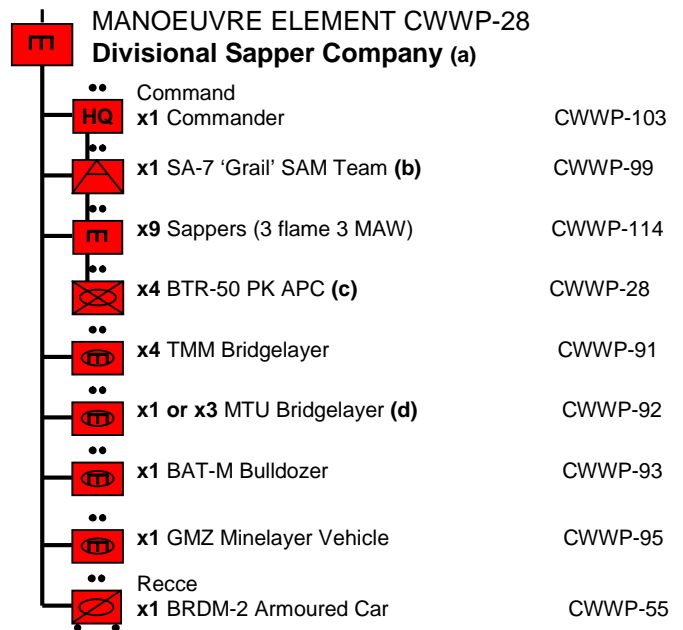
(a) May replace SA-7 'Grail' SAM with:
 SA-14 'Gremlin' SAM Team CWWP-100
 From mid-1980s, may replace SA-14 'Gremlin' SAM Team with:
 SA-16 'Gimlet' SAM Team CWWP-101
 Or from late-1980s with:
 SA-18 'Grouse' SAM Team CWWP-102

(f) The Engineers are likely to have been at the back of the queue when receiving new APCs. May therefore replace APCs with the following:

BTR-60 P APC	CWWP-29
BTR-60 PA APC	CWWP-30
BTR-60 PB APC	CWWP-31
BTR-152 APC	CWWP-27
MTLB Carrier	CWWP-90
GAZ-66 Medium Truck	CWWP-87



(a) May replace SA-7 'Grail' SAM with:
SA-14 'Gremlin' SAM Team CWWP-100
From mid-1980s, may replace SA-14 'Gremlin' SAM Team with:
SA-16 'Gimlet' SAM Team CWWP-101



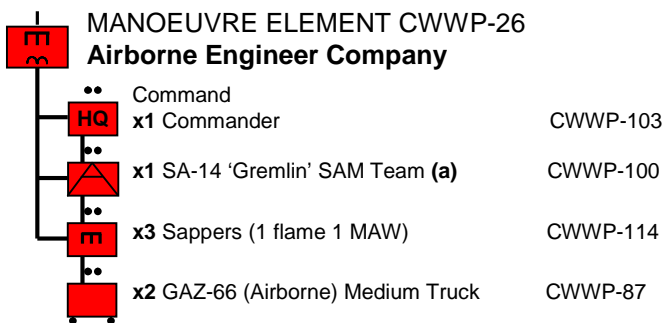
(a) The Battalion Recce Platoon and Bridging Platoon have been incorporated in the ME above.

(b) May replace SA-7 'Grail' SAM with:
SA-14 'Gremlin' SAM Team CWWP-100
From mid-1980s, may replace SA-14 'Gremlin' SAM Team with:
SA-16 'Gimlet' SAM Team CWWP-101
Or from late-1980s with:
SA-18 'Grouse' SAM Team CWWP-102

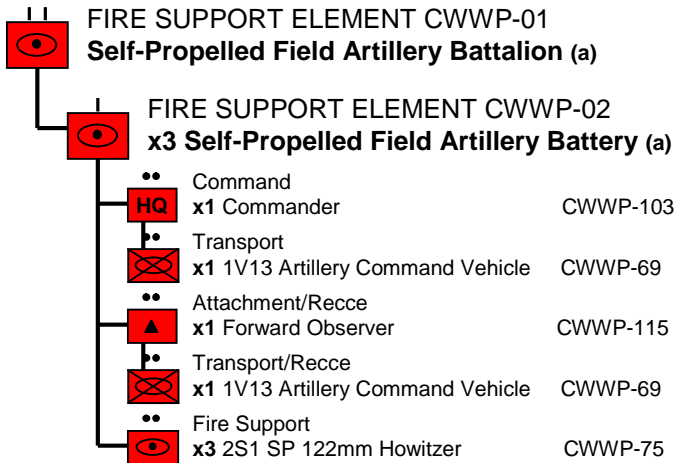
(c) The Engineers are likely to have been at the back of the queue when receiving new APCs. May therefore replace APCs with the following:

BTR-60 P APC	CWWP-29
BTR-60 PA APC	CWWP-30
BTR-60 PB APC	CWWP-31
BTR-152 APC	CWWP-27
MTLB Carrier	CWWP-90
GAZ-66 Medium Truck	CWWP-87

(d) Tank Divisions would have the larger number of MTU AVLBs.



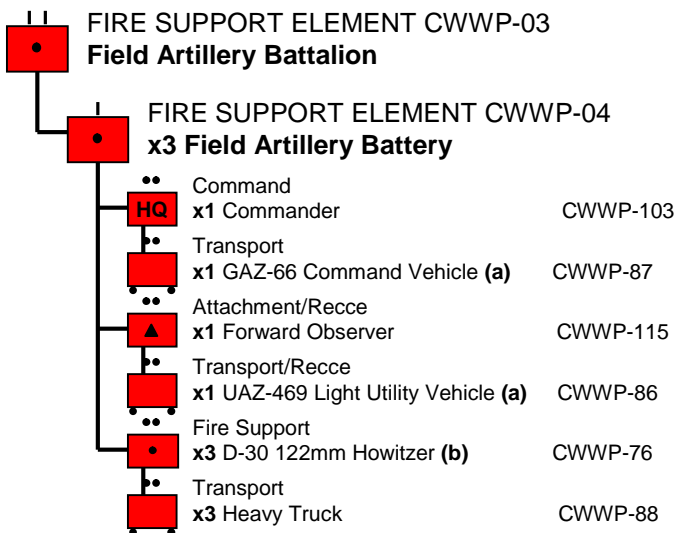
(a) Mid-1980s, may replace SA-14 'Gremlin' SAM Team with:
SA-16 'Gimlet' SAM Team CWWP-101
Or from late-1980s with:
SA-18 'Grouse' SAM Team CWWP-102



(a) In the early 1980s, the Regimental Artillery Groups of Tank and Motor Rifle Regiments consisted of only a single battery, rather than a full battalion. The expansion only occurred during the 1980s and was never fully completed, with many divisions still having only one battery per Tank or Motor Rifle Regiment at the end of the Cold War. It is also worth noting that there were simply not enough 2S1s to go around and many Tank & Motor Rifle Regiments therefore had to make do instead with towed D-30 122mm Howitzers (see FSE CWWP-03 & 04 below).

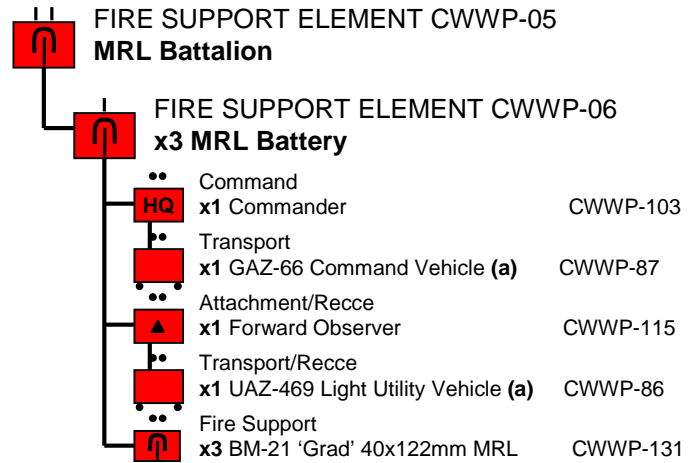
(b) Each SP artillery battalion had a single PRP-3 radar recce vehicle to assist with target acquisition. This would not normally be sufficient to warrant inclusion in the TO&E, but I have the very nice Skytrex PRP-3, so it could be used in larger games with more than one artillery battalion:

PRP-3 Radar Reconnaissance Vehicle CWWP-147

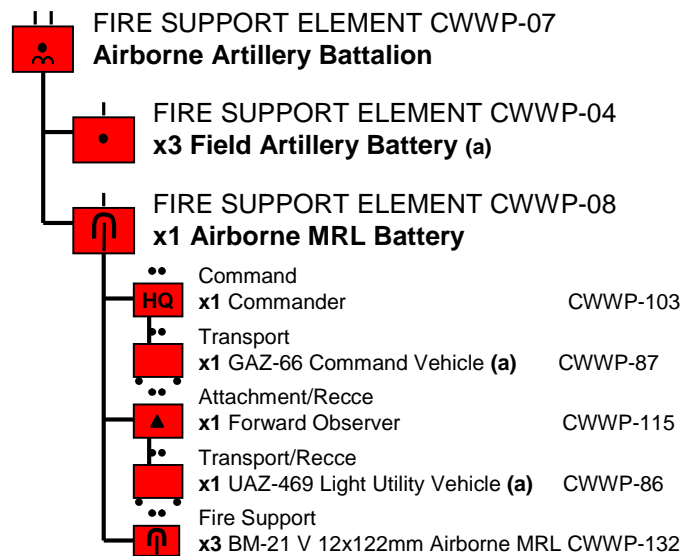


(a) May replace softskin command/OP transport with:
1V18 Artillery Command/OP Vehicle CWWP-70

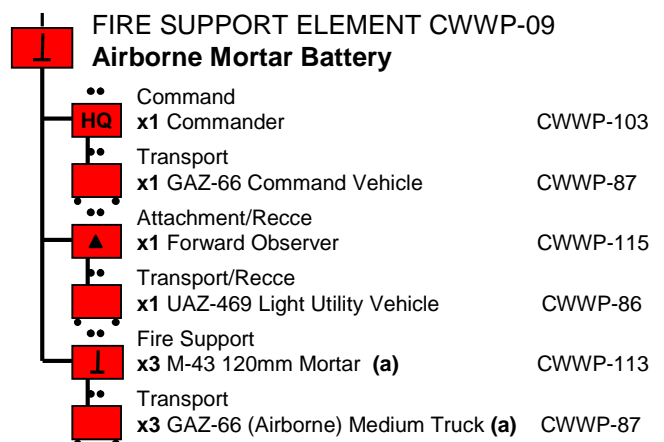
(b) Late 1980s, in Airborne Artillery Battalion of Independent Air Assault Brigade: Replace M-43 120mm Mortars with:
2S9 'Anona' Self-Propelled 120mm Gun-Mortar CWWP-72



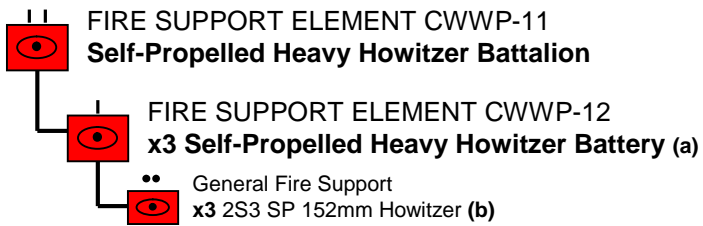
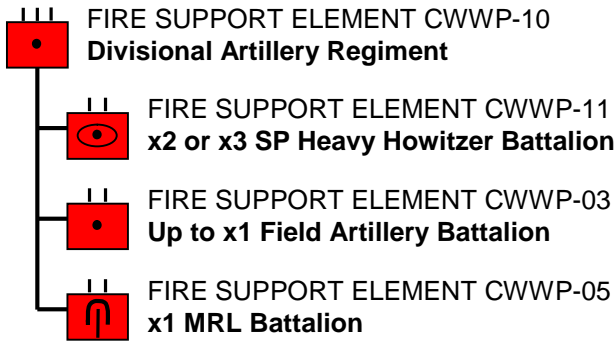
(a) May replace softskin command/OP transport with:
1V18 Artillery Command/OP Vehicle CWWP-70



(a) May not replace softskin command/OP transport with armoured vehicles.

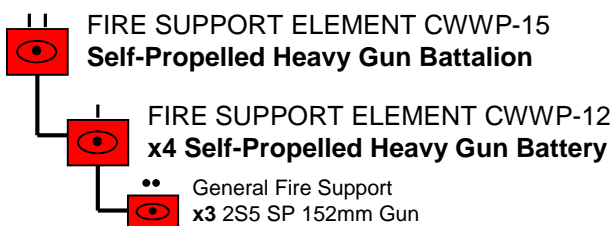
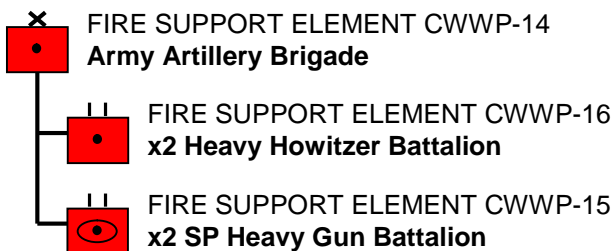
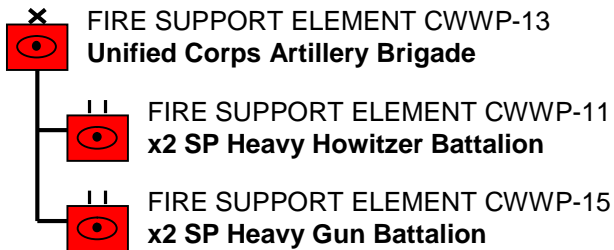
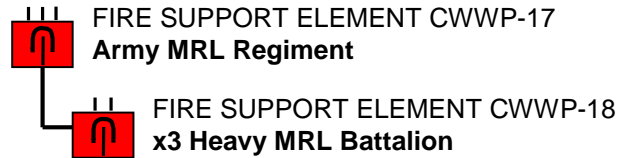
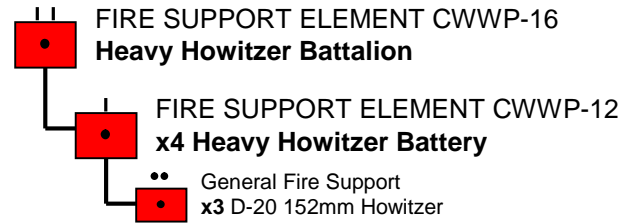


(a) Late 1980s: May replace M-43 120mm Mortars with:
2S9 'Anona' Self-Propelled 120mm Gun-Mortar CWWP-72



(a) The SP Heavy Howitzer Battalions of Unified Corps Artillery Brigades (FSE CWWP-13) each had x4 Batteries.

(b) Note that there were never enough 2S3s to go around and many units had to make do with towed D-20 152mm Howitzers.



Warsaw Pact Card List

(Model availability: SOG=Skytrex/Old Glory, QRF=Quick Reaction Force/LKM Direct, PP=Peter Pig, QC=Quality Castings/Old Glory 15)

CWWP-01 - PT-76 Amphibious Light Tank	SOG, QRF, QC
CWWP-02 - T34/85 Medium Tank	SOG, QRF, PP, QC, BF
CWWP-03 - T-54/T-55 100mm Main Battle Tank	SOG, QRF, PP, QC
CWWP-04 - OT-55 Flame/100mm Main Battle Tank	SOG, QRF, PP, QC (same as T-55)
CWWP-05 - T-62 115mm Main Battle Tank	QRF, QC
CWWP-06 - T-64 A 125mm Main Battle Tank	QRF
CWWP-07 - T-64 B 125mm/AT-8 Main Battle Tank	QRF
CWWP-08 - T-64 B1 125mm Main Battle Tank (up-armoured T-64 A, no ATGM)	QRF (as T-64 B, but lacking ATGM sight box)
CWWP-09 - T-72 125mm Main Battle Tank	SOG
CWWP-10 - T-72 A/B 125mm Main Battle Tank	QRF
CWWP-11 - T-72 M Export 125mm Main Battle Tank	QRF, QC
CWWP-12 - T-80 B 125mm/AT-8 Main Battle Tank	QRF, QC
CWWP-13 - ASU-85 Airborne 85mm Assault Gun	QRF
CWWP-14 - SU-100 100mm Assault Gun	QRF, SOG, PP, QC
CWWP-15 - 2S1 'Gvozdika' Self-Propelled 122mm Howitzer	QRF
CWWP-16 - ZSU-57-2 Twin 57mm AA Vehicle	QRF
CWWP-17 - ZSU-23-4 'Shilka' Quad 23mm AA Vehicle	QRF, QC
CWWP-18 - 2S6 'Tunguska' Twin 30mm/SA-19 Gun-Missile AA Vehicle	QRF
CWWP-19 - M53/59 Twin 30mm AA Vehicle	(Czech: used by a number of WARPAC armies and the USSR)
CWWP-20 - SA-4 'Ganef' (2K11 'Krug') SAM Vehicle	
CWWP-21 - SA-6 'Gainful' (2K12 'Kub') SAM Vehicle	QRF
CWWP-22 - SA-8 'Gecko' (9K33 'Romb') SAM Vehicle	QRF
CWWP-23 - SA-9 'Gaskin' (9K31 'Strela 1') SAM Vehicle	SOG, QRF, QC
CWWP-24 - SA-11 'Gadfly' (9K37 'Buk') SAM Vehicle	
CWWP-25 - SA-13 'Gopher' (9K35 'Strela 4') SAM Vehicle	QRF
CWWP-26 - BTR-40 Scout Car	QRF
CWWP-27 - BTR-152 Armoured Personnel Carrier	SOG, QRF, PP
CWWP-28 - BTR-50 PK Armoured Personnel Carrier	SOG, QRF, QC
CWWP-29 - BTR-60 P Armoured Personnel Carrier (open-topped)	SOG, QRF
CWWP-30 - BTR-60 PA Armoured Personnel Carrier (armoured roof)	SOG, QRF
CWWP-31 - BTR-60 PB Armoured Personnel Carrier (14.5mm MG turret)	SOG, QRF, QC
CWWP-32 - BTR-70 Armoured Personnel Carrier (14.5mm)	QRF
CWWP-33 - BTR-80 Armoured Personnel Carrier (14.5mm)	QRF
CWWP-34 - BMP-1 Infantry Combat Vehicle (73mm & AT-3)	SOG, QRF
CWWP-35 - BMP-1P Infantry Combat Vehicle (73mm & AT-4)	QRF
CWWP-36 - BMP-2 Infantry Combat Vehicle (30mm & AT-5)	SOG, QRF, QC
CWWP-37 - BMP-2 Infantry Combat Vehicle (Warpac) (30mm & AT-4)	QRF (Export BMP-2, identical except for AT-4 missile tube)
CWWP-38 - BMP-23 Infantry Combat Vehicle (23mm & AT-3)	(Bulgarian: 2S1 hull with bespoke 23mm/AT-3 'Sagger' turret)
CWWP-39 - MLVM Mountaineers' Combat Vehicle (14.5mm)	(Romanian: very similar to QRF's Yugoslav M-80 MICV)
CWWP-40 - OT-62 A or TOPAS Armoured Personnel Carrier	SOG, QRF (Czech: used by a number of WARPAC armies)
CWWP-41 - OT-62 B or TOPAS-2 Armoured Personnel Carrier (82mm RR)	(Czech)
CWWP-42 - OT-62 C or TOPAS-2AP Armoured Personnel Carrier (14.5mm)	(Czech: used by a number of WARPAC armies)
CWWP-43 - OT-62 R2 or TOPAS-R2M Command/OP Vehicle	SOG, QRF (Czech: used by a number of WARPAC armies)
CWWP-44 - TOPAS-2AP Mortar Carrier (14.5mm & 2x 82mm Mortar)	QRF (Czech: used by a number of WARPAC armies)
CWWP-45 - OT-64 or SKOT-1 Armoured Personnel Carrier	(Czech: used by a number of WARPAC armies)
CWWP-46 - OT-64 A or SKOT-2 Armoured Personnel Carrier (82mm RR)	(Czech)
CWWP-47 - OT-64 C or SKOT-2AP Armoured Personnel Carrier (14.5mm)	(Czech: used by a number of WARPAC armies)
CWWP-48 - VSOT-64 or SKOT-R2 Command Vehicle	(Czech: used by a number of WARPAC armies)
CWWP-49 - TAB-71 Armoured Personnel Carrier (14.5mm)	QRF (Romanian copy of BTR-60 PB)
CWWP-50 - TAB-71 AR 82mm Mortar Carrier	QRF (Romanian)
CWWP-51 - OT-66 or PSzH-IV Armoured Personnel Carrier (14.5mm)	QRF (Czech/Hungarian)
CWWP-52 - BMD-1 Airborne Assault Vehicle (73mm & AT-3)	QRF
CWWP-53 - BMD-2 Airborne Assault Vehicle (30mm & AT-5)	QRF
CWWP-54 - BRDM-1 Scout Car	QRF
CWWP-55 - BRDM-2 Armoured Car (14.5mm)	SOG, QRF, QC
CWWP-56 - OT-65 'Otter' or D-994 FUG Scout Car	QRF (Czech/Hungarian: used by a number of WARPAC armies)
CWWP-57 - OT-65A 'Vydra' Scout Car (82mm RR)	(Czech)
CWWP-58 - BRM Reconnaissance Vehicle (73mm)	SOG, QRF
CWWP-59 - BRDM-2 RKh NBC Reconnaissance Car	SOG, QRF
CWWP-60 - BRDM-2 U Command Armoured Car	SOG, QRF, QC
CWWP-61 - BTR-50 PU Command Vehicle	SOG
CWWP-62 - BTR-60 PU Command Vehicle	SOG, QRF
CWWP-63 - BTR-60 PU 12 Air Defence Command Vehicle	SOG, QRF
CWWP-64 - BTR-60 R975 Forward Air Control Vehicle	SOG, QRF
CWWP-65 - BMP KSh Command Vehicle	SOG, QRF
CWWP-66 - BMD U Airborne Command Vehicle	QRF
CWWP-67 - 1V13 Tracked Artillery OP Vehicle	QRF
CWWP-68 - 1V18 Wheeled Artillery OP Vehicle	SOG

Warsaw Pact Card List (Continued)

(Model availability: SOG=Skytrex/Old Glory, QRF=Quick Reaction Force/LKM Direct, PP=Peter Pig, QC=Quality Castings/Old Glory 15)

CWWP-69 - 9P110 (BRDM-1/ AT-3 'Sagger') ATGM Vehicle	QRF
CWWP-70 - 9P122 (BRDM-2/ AT-3 'Sagger') ATGM Vehicle	QRF
CWWP-71 - 9P148 (BRDM-3 AT-5 'Spandrel') ATGM Vehicle	SOG, QRF, QC
CWWP-72 - 2S9 'Nona' 120mm Gun-Mortar Vehicle	QRF
CWWP-73 - MLVM-AR 120mm Mortar Carrier	(Romanian: based on MLVM chassis)
CWWP-74 - 2S4 'Tyulpan' Self-Propelled 240mm Mortar	QRF (Czech: also used by USSR)
CWWP-75 - SU-76 Self-Propelled 76mm Howitzer	SOG, QRF, BF, QC
CWWP-76 - D-30 122mm Howitzer	QRF
CWWP-77 - D-44 85mm Antitank Gun	QRF
CWWP-78 - SD-44 85mm Antitank Gun (Auxiliary Engine Propelled)	QRF
CWWP-79 - MT-12 100mm Antitank Gun	QRF
CWWP-80 - SPG-9 73mm Recoilless Rifle	
CWWP-81 - B-10 82mm Recoilless Rifle	PP, QRF, QC
CWWP-82 - B-11 106mm Recoilless Rifle	PP, QRF
CWWP-83 - ZU-23-2 Twin 23mm AA Gun	QRF
CWWP-84 - S-60 57mm AA Gun	QRF
CWWP-85 - Dnepr M-750 M Motorcycle Combination	
CWWP-86 - UAZ-469 Light Utility Vehicle	QRF, PP
CWWP-87 - GAZ-66 Medium Truck	QRF
CWWP-88 - Ural 375 Heavy Truck	QRF, PP
CWWP-89 - K-61 Amphibian	
CWWP-90 - MTLB Armoured Carrier	SOG, QRF
CWWP-91 - TMM Vehicle-Launched Bridge	QRF
CWWP-92 - MTU-54 Armoured Vehicle-Launched Bridge	QRF
CWWP-93 - BAT-M Bulldozer	
CWWP-94 - BTM Entrenching Vehicle	
CWWP-95 - GMZ Minelaying Vehicle	QRF
CWWP-96 - AT-3 'Sagger' (9K11 'Malyutka') ATGM Team	QRF, QC
CWWP-97 - AT-4 'Spigot' (9K111 'Fagot') ATGM Team	QRF
CWWP-98 - AT-7 'Saxhorn' (9K115 'Metis') ATGM Team	
CWWP-99 - SA-7 'Grail' (9K32 'Strela 2') SAM Team	PP
CWWP-100 - SA-14 'Gremlin' (9K34 'Strela 3') SAM Team	PP
CWWP-101 - SA-16 'Gimlet' (9K38 'Iгла') SAM Team	QRF
CWWP-102 - SA-18 'Grouse' (9K38 'Iгла-1') SAM Team	QRF
CWWP-103 - Commander	QRF, QC
CWWP-104 - Motor Rifles (AK74, RPK, RPG-7 & RPG-18/22)	QRF, QC
CWWP-105 - Early Motor Rifles (AK47, RPK & RPG7)	QRF, QC
CWWP-106 - Naval Infantry (AK74, RPK, RPG7 & RPG18/22)	QRF
CWWP-107 - Air Assault Infantry (AK74 SU, RPK, RPG16 & RPG18/22)	QRF
CWWP-108 - Parachute Infantry (AK74 SU, RPK, RPG16 & RPG 18/22)	QRF
CWWP-109 - PK Light Machine Gun	QRF, QC, PP
CWWP-110 - AGS-17 'Plamya' 30mm Automatic Grenade Launcher	QRF
CWWP-111 - M-43 82mm Mortar	PP, QC, SOG, QRF
CWWP-112 - 2B9 'Vasilek' 82mm Automatic Gun-Mortar	QRF
CWWP-113 - M-43 120mm Mortar	PP, QRF, SOG
CWWP-114 - Sappers (AK47, RPK, Flamethrower, RPG7 & RPG18)	
CWWP-115 - Forward Observer	
CWWP-116 - Mi-2 'Hoplite' Observation Helicopter	Nu-Bee
CWWP-117 - Mi-4 'Hound' Transport Helicopter	Nu-Bee
CWWP-118 - Mi-6 'Hook' Heavy Transport Helicopter	Nu-Bee
CWWP-119 - Mi-8/17 'Hip' Transport Helicopter	QRF
CWWP-120 - Mi-8 'Hip' Assault Transport Helicopter	QRF
CWWP-121 - Mi-24 'Hind A' Attack Helicopter	
CWWP-122 - Mi-24 'Hind D' Attack Helicopter	QRF, Revell, Italeri
CWWP-123 - Mi-26 'Halo' Super-Heavy Transport Helicopter	
CWWP-124 - Su-17/20/22 'Fitter' Ground Attack Aircraft	QRF
CWWP-125 - Su-25 'Frogfoot' Ground Attack Aircraft	QRF
CWWP-126 - MiG-17 'Fresco' Fighter-Bomber	Italeri
CWWP-127 - MiG-21 'Fishbed' Fighter-Bomber	QRF, Tamiya
CWWP-128 - MiG-23 'Flogger' Fighter-Bomber	QRF
CWWP-129 - MiG-27 'Flogger D' Ground Attack Aircraft	QRF, Bandai
CWWP-130 - MiG-29 'Fulcrum' Fighter-Bomber	Italeri
CWWP-131 - BM-21 'Grad' 40x122mm SP Multiple Rocket Launcher	QRF
CWWP-132 - BM-21 V 12x122mm Airborne SP Multiple Rocket Launcher	
CWWP-133 - ASU-57 57mm Airborne Assault Gun	
CWWP-134 - IMR Combat Engineer Tractor	QRF
CWWP-135 - BTR-50 PB Armoured Personnel Carrier (14.5mm)	

Warsaw Pact Card List (Continued)

(Model availability: SOG=Skytrex/Old Glory, QRF=Quick Reaction Force/LKM Direct, PP=Peter Pig, QC=Quality Castings/Old Glory 15)

CWWP-136 - MLI-84 Infantry Combat Vehicle (73mm, AT-3 & AAHMG)	(Romanian stretched BMP-1 with DShK AAMG over rear door)
CWWP-137 - Aero L39 'Albatross' Ground Attack Aircraft	(Czech trainer/ground-attack aircraft)
CWWP-138 - BM-14 Towed Multiple Rocket Launcher	QRF
CWWP-139 - Mi-24 'Hind F' Attack Helicopter	QRF
CWWP-140 - TAB-77 Armoured Personnel Carrier (14.5mm)	QRF (Romanian-built BTR-70 variant)
CWWP-141 - Yak-36 'Forger' Naval V/STOL Fighter-Bomber	Revell
CWWP-142 - T-55 AM 'Merida' or T-55 AM2 100mm Main Battle Tank	QRF (Polish/Czech improved T-55)
CWWP-143 - TR-85 100mm Main Battle Tank	(Romanian stretched and improved T-55)
CWWP-144 - RKHM Tracked NBC Recce Vehicle	QRF
CWWP-145 - BTR-D Airborne Armoured Personnel Carrier	QRF
CWWP-146 - BMD-1 P Airborne Assault Vehicle (73mm & AT-4)	QRF
CWWP-147 - PRP-3 Radar Reconnaissance Vehicle	SOG
CWWP-148 - 2S3 Akatsiya' Self-Propelled 152mm Howitzer	QRF
CWWP-149 - ZIL-157 Heavy Truck	QRF
CWWP-150 - TABC-79 Reconnaissance APC (14.5mm)	(Romanian 4x4 'Half TAB-77' – like a VAB with BRDM turret)
CWWP-151 - TABC-79A POMA Artillery OP Vehicle	(Romanian)
CWWP-152 - IAR-93 'Vultur' Ground-Attack Aircraft	(Romanian/Yugoslav)
CWWP-153 - IAR-330 Attack Helicopter	(Romanian-built Puma) Heller, Revell
CWWP-154 - IAR-330 Utility Helicopter	(Romanian-built Puma) Heller, Revell
CWWP-155 - Su-24 'Fencer' Ground-Attack Aircraft	
CWWP-156 - IAR-316 Light Observation/Attack Helicopter	(Romanian-built Alouette III) Heller
CWWP-157 - M1984 76mm Mountain Howitzer	(Romanian/Yugoslav)
CWWP-158 - M1938 76.2mm Mountain Gun	
CWWP-159 - KS-19 100mm Antiaircraft Gun	
CWWP-160 - M1939 37mm Antiaircraft Gun	BF, SOG
CWWP-161 - M1939 85mm Antiaircraft Gun	
CWWP-162 - ZPU-2 Twin 14.5mm Antiaircraft Gun	
CWWP-163 - 9P149 'Shturm-S' (9K114 'Shturm/AT-6 'Spiral') ATGM Vehicle	
CWWP-164 - OT-90 14.5mm Infantry Combat Vehicle	(Czech-built BMP-1 variant with OT-64 turret)
CWWP-165 - TR-125 125mm Main Battle Tank	(Romanian-built, improved T-72 M)