(a) The East German Army (NVA) had x2 Panzer Divisions (7th & 9th) and x4 Panzer-Grenadier Divisions (1st, 4th, 8th & 11th). These were grouped into two higher administrative formations – the 3rd and 5th Military Districts. Each Military District had x1 Panzer Division and x2 Panzer-Grenadier Divisions, plus Army Support Assets. Some sources record these formations as ‘Armies’, but in reality the Military Districts were administrative formations only. In war the six East German divisions would have come under the command of five of the six Soviet Armies in Germany (28th, 2nd Guards, 8th Guards, 20th Guards & 3rd Shock Armies, but not 1st Guards Army), while the East German Army support assets would form the Army Troops of 2nd Guards Army and 8th Guards Army. Consequently, East German divisions could have Soviet Army Troops in support and vice versa. The East Germans were widely regarded as the most reliable of all Warpac armies (the expression ‘There’s none so fanatical as a convert’ springs to mind) and in some cases were regarded as more combat-efficient than many Soviet units in Germany.

(b) The Divisional Pioneer Battalion had a single Pioneer Company that could be considered an ME for game purposes (ME CWEG-14), 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.

(c) Division and Army Artillery Groups also had tactical ballistic missiles that could employ nuclear, chemical or HE warheads. Outside the scope of this game.

(d) As mentioned above, East German units could equally be supported by Soviet Army assets and vice versa. However, there are some differences – the East German Army Troops lacked an Army MRL Brigade, Army Reconnaissance Battalion, Panzer-Brigade, General Purpose Helicopter Regiment and Air Assault Battalion. Presumably these gaps would be filled from Soviet Front Troops in wartime. There was however, an additional East German Attack Helicopter Regiment (one source says two additional regiments) which would be used as a Front asset. There was also a parachute battalion (Fallschirmjäger-Bataillon 40), though this was a cover-name for a unique special forces unit that included elements uniformed, armed and organised as West German troops, fielding M113s and M48s captured in Vietnam, Egypt and Syria.

(e) Lots and lots of engineering assets that are probably outside the scope of this game.

(f) As mentioned above, there was at least one additional East German Attack Helicopter Regiment (possibly two) deployed as a Front Asset. One source describes these as General-Purpose Helicopter Regiments, with x6 Mi-2, x9 Mi-8 and x6 Mi-24.
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TRANSPORT/RECCES

- 1 T-55 K 100mm Command MBT (ac) CWWP-03
- 1 Forward Air Controller CWWP-115
- 1 BTR-60 TACP CWWP-64

BATTLEGROUPS

BG CWEG-06
- 1 Panzer-Grenadier Battalion (Tracked) (b)

MANOEUVRE ELEMENTS

ME CWEG-01
- 3 Panzer Battalion

ME CWEG-10
- 1 Reconnaissance Company

ME CWEG-11
- 1 Pioneer Company

ME CWEG-13
- 1 Antiaircraft Company

FIRE SUPPORT ELEMENTS

FSE CWEG-01
- Up to 1 Panzer Artillery Battalion (d)

(a) May replace T-54/T-55 with:
- T-62 K 115mm Command Main Battle Tank (d) CWWP-05
Or from mid-1980s in Panzer Divisions only, replace tanks with:
- T-72 MK 125mm Command Main Battle Tank (d) CWWP-11
Note that T-62s were only ever present in a small number of East German units and were all gone by 1989.

(b) As in many Soviet units, a shortage of manpower and APCs – particularly during the early 1980s – meant that many regiments only had a single Panzer-Grenadier Company (ME CWEG-).

(c) Command tanks (i.e. ‘K’ variants) do not have AAMGs and may not therefore conduct AA fire.

(d) Some sources say that East German Panzer Regiments did not have a Regimental Artillery Group. Even if they did, there were simply not enough 2S1 self-propelled 122mm howitzers to go around, so I would add only a single battery at the most.
(a) As in many Soviet units and particularly during the early 1980s, many regiments only had a single Panzer Company.
BATTLEGROUP CWEG-07
Panzer-Grenadier Battalion (Wheeled)

- Command
  - x1 Commander
  - Transport/Recc
    - x1 BTR-60 PU Command Vehicle (a)

MANOEUVRE ELEMENTS

- ME CWEG-05
  - x3 Panzer-Grenadier Company (Wheeled)

ATTACHMENTS

- Organic Fire Support
  - x4 M-43 120mm Mortar
- Transport
  - x4 GAZ-66 Medium Truck
  - Self-Observed Fire Support
  - Up to x3 AGS-17 30mm Grenade-Launcher
- Transport
  - x1 BTR-60 PB APC (a)
  - x3 AT-3 ‘Sagger’ ATGM Team (b)
- Transport
  - x1 BTR-60 PB APC (a)

(a) The BTR-60 PB remained the most common APC in East German service throughout the 1980s. However, some obsolete types remained in service throughout, while new BTR-70s were also introduced. Therefore, may replace BTR-60 PB Armoured Personnel Carriers with:
  - BTR-152 Armoured Personnel Carrier
  - BTR-60 P Armoured Personnel Carrier
  - BTR-60 PA Armoured Personnel Carrier
  - Or from mid-1980s with:
    - BTR-70 Armoured Personnel Carrier

(b) May replace AT-3 ‘Sagger’ ATGM Teams with:
  - AT-4 ‘Spigot’ ATGM Team

BATTLEGROUP CWEG-08
Panzer-Reconnaissance Battalion (a)

- Command
  - x1 BRDM-2U Command Vehicle (b)

MANOEUVRE ELEMENTS

ME CWEG-06
- x2 Heavy Reconnaissance Company

ME CWEG-07
- x1 Scout Car Company

ATTACHMENTS

Recce
- x2 BRDM-2 RKh NBC Recce Vehicle (c)

(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 Command Vehicle with:
  - OT-65 VP Command Vehicle
  - BRM 73mm Reconnaissance Vehicle

(c) May replace BRDM-2 RKh NBC Recce Vehicle with:
  - OT-65 Ch NBC Recce Vehicle

BATTLEGROUP CWEG-09
Panzerjäger Battalion

- Command
  - x1 Commander
  - Transport
    - x1 BRDM-2U Command Vehicle (a)

MANOEUVRE ELEMENTS

ME CWEG-08
- x2 Antitank Gun Company

ME CWEG-09
- x1 Antitank Company

(a) May replace BRDM-2U Command Vehicle with:
  - OT-65 VP Command Vehicle
**Manoeuvre Element CWEG-01**

**Panzer Battalion (Panzer Regiment) (b)**

- **Command**
  - x1 T-54K/T-55K Command MBT (ac) CWWP-03
  - x11 T-54/T-55 100mm MBT (ac) CWWP-03

- **(a)** May replace all tanks with:
  - T-62 115mm Main Battle Tank CWWP-05
  - Or from the mid-1980s in Panzer Divisions only with:
    - T-72 M 125mm (Export) Main Battle Tank CWWP-11

- **(b)** East German Tank Battalions follow Soviet doctrine, generally operating as single MEs. However, one company of x3 tanks may be detached from each Panzer Battalion as a separate ME (designate one tank as the Company Commander).

- **(c)** Regimental and Battalion Command Tank (‘K’) variants do not have AAMGs.

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**Manoeuvre Element CWEG-03**

**Independent Panzer Battalion (b)**

- **Command**
  - x1 T-54K/T-55K Command MBT (ac) CWWP-03
  - x16 T-54/T-55 100mm MBT (ad) CWWP-03

- **(a)** May replace all tanks with:
  - T-62 115mm Main Battle Tank CWWP-05

- **(b)** East German Tank Battalions follow Soviet doctrine, generally operating as single MEs. However, one company of x3 tanks may be detached from each Panzer Battalion as a separate ME (designate one tank as the Company Commander).

- **(c)** Regimental and Battalion Command Tank (‘K’) variants do not have AAMGs.

- **(d)** Late 1980s: Increase to x20 tanks, plus x1 command tank.
MANOEUVRE ELEMENT CWEG-05
Panzer-Grenadier Company (Wheeled)

Command
- x1 Commander

x1 SA-7 ‘Grail’ SAM Team (a)
- CWWP-99

x9 Motor Rifle Infantry (3 RPG7) (b)
- CWWP-104

Transport
- x4 BTR-60 PB APC (c)
- CWWP-45

(a) May replace SA-7 ‘Grail’ SAM with:
SA-14 ‘Gimlet’ SAM Team
- CWWP-100

Or from mid-1980s with:
SA-16 ‘Gimlet’ SAM Team
- CWWP-101

(b) While East German troops were issued RPG-18 LAWs, they do not appear to have received RPG-22 LAWs.

(c) The BTR-60 PB remained the most common APC in East German service throughout the 1980s. However, some obsolete types remained in service throughout, while new BTR-70s were also introduced. Therefore, may replace BTR-60 PB Armoured Personnel Carriers with:

BTR-152 Armoured Personnel Carrier
- CWWP-27

BTR-60 P Armoured Personnel Carrier
- CWWP-29

BTR-60 PA Armoured Personnel Carrier
- CWWP-30

Or from mid-1980s with:

BTR-70 Armoured Personnel Carrier
- CWWP-32

MANOEUVRE ELEMENT CWEG-06
Heavy Reconnaissance Company (a)

Command/Recce
- x1 BRDM-2U Command Scout Car (b)
- CWWP-60

Recce
- x2 PT-76 76mm Amphibious Light Tank (c)
- CWWP-01

Recce
- x1 BRDM-2 Scout Car (b)
- CWWP-55

Recce
- x1 T-54/T-55 100mm Main Battle Tank (d)
- CWWP-03

Recce
- x1 PK Light Machine Gun
- CWWP-109

Transport/Recce
- x1 Motorcycle Combination
- CWWP-85

(a) There were many variations on Warsaw Pact recce unit organisation, so this is only the loosest possible guide. The unit might also carry dismounts in those vehicles capable of carrying troops.

(b) May replace scout cars with:
OT-65 Scout Car
- CWWP-56
BRM 73mm Reconnaissance Vehicle
- CWWP-58

(c) May replace PT-76 Light Tanks with:
BMP-1 73mm Infantry Combat Vehicle
- CWWP-34

(d) May replace T-54/T-55 100mm Main Battle Tank with:
T-62 115mm Main Battle Tank
- CWWP-05

Or from mid-1980s:
T-72 125mm (Export) Main Battle Tank
- CWWP-11

MANOEUVRE ELEMENT CWEG-07
Scout Car Company (a)

Command/Recce
- x1 BRDM-2U Command Scout Car (b)
- CWWP-60

Recce
- x6 BRDM-2 Scout Car (b)
- CWWP-55

(a) There were many variations on Warsaw Pact recce unit organisation, so this is only the loosest possible guide. The unit might also carry dismounts in those vehicles capable of carrying troops.

(b) May replace scout cars with:
OT-65 Scout Car
- CWWP-56

MANOEUVRE ELEMENT CWEG-08
Antitank Gun Company

Command
- x1 Commander
- CWWP-103

Transport
- x1 UAZ-469 Light Utility Vehicle
- CWWP-86

x2 MT-10 100mm Antitank Gun
- CWWP-77

Transport
- x2 Ural 375 Heavy Truck
- CWWP-88
MANOEUVRE ELEMENT CWEG-09
Antitank Company

Command
- x1 BRDM-1U Command Scout Car (use CWWP-54)
- x3 BRDM-1/AT-3 ‘Sagger’ Vehicle (CWWP-69)

(a) May replace BRDM-1U command vehicle with:
  BRDM-2U Command Vehicle CWWP-60
  OT-65 VP Command Vehicle use CWWP-56

(b) May replace BRDM-1/AT-3 ‘Sagger’ ATGM vehicle with:
  BRDM-2/AT-3 ‘Sagger’ ATGM Vehicle CWWP-70

MANOEUVRE ELEMENT CWEG-10
Reconnaissance Company (a)

Command/Recce
- x1 BRDM-1U Command Scout Car (use CWWP-54)
- x1 or x2 PT-76 76mm Light Tank (use CWWP-34)
- x2 BRDM-1 Scout Car (CWWP-58)
- x1 PK Light Machine Gun CWWP-109
- x1 Motorcycle Combination CWWP-85

(a) There were many variations on Warsaw Pact recce unit organisation, so this is only the loosest possible guide. The unit might also carry dismounts in those vehicles capable of carrying troops.

(b) May replace command vehicle with:
  BRDM-2U Command Scout Car CWWP-60
  OT-65 VP Command Vehicle use CWWP-56
  BRM 73mm Reconnaissance Vehicle CWWP-58

(c) May replace PT-76 Light Tank with:
  BMP-1 73mm Infantry Combat Vehicle CWWP-34

(d) May replace BRDM-1 Scout Cars with:
  BRDM-2 Reconnaissance Vehicle CWWP-55
  OT-65 Scout Car CWWP-56

MANOEUVRE ELEMENT CWEG-11
Pioneer Company (Panzer Regt)

Command
- x1 Commander CWWP-103
- x3 Sappers (1 Flame, 1 RPG7) CWWP-104

Transport
- x2 BTR-50 PK APC (a) CWWP-28
- x3 MTU-54 AVLB CWWP-92
- x2 TMM Bridgelayer CWWP-91
- x1 BAT-M Bulldozer CWWP-93
- x1 IMR Combat Engineer Tractor CWWP-134

(a) May replace BTR-50 PK APCs with:
  BTR-50 PB Armoured Personnel Carrier CWWP-135

MANOEUVRE ELEMENT CWEG-12
Pioneer Company (Panzer-Grenadier Regt)

Command
- x1 Commander CWWP-103
- x3 Sappers (1 Flame, 1 RPG7) CWWP-104

Transport
- x2 BTR-60 P APC (a) CWWP-29
- x1 MTU-54 AVLB CWWP-92
- x2 TMM Bridgelayer CWWP-91
- x1 BAT-M Bulldozer CWWP-93
- x1 IMR Combat Engineer Tractor CWWP-134
- x1 BTM Trench-Digger CWWP-94

(a) May replace BTR-60 P Armoured Personnel Carriers with:
  BTR-152 Armoured Personnel Carrier CWWP-27
  BTR-60 PA Armoured Personnel Carrier CWWP-30
  BTR-60 PB Armoured Personnel Carrier CWWP-31

Or from mid-1980s with:
  BTR-70 Armoured Personnel Carrier CWWP-32

MANOEUVRE ELEMENT CWEG-13
Antiaircraft Company

Command
- x1 BTR-60 PU12 Command Scout Car CWWP-60
- x2 ZSU-57-2 Twin 57mm AA (a) CWWP-17
- x2 SA-9 ‘Gaskin’ SAM Vehicle (b) CWWP-23

(a) May replace ZSU-57-2 with:
  ZSU-23-4 ‘Shilka’ Quad 23mm Antiaircraft Vehicle CWWP-18

(b) From mid-1980s: May replace SA-9 ‘Gaskin’ SAM Vehicle with:
  SA-13 ‘Gopher’ SAM Vehicle CWWP-25
**Air Support**

In 1987, the East German Air Force had the following aircraft deployed in the ground-attack role:

- **MiG-23** – 2x Squadrons
- **Su-22** – 3x Squadrons

In the air defence role (which could be pressed into service as ground attack if necessary) they had the following aircraft:

- **MiG-21** – 18x Squadrons

**MANOEUVRE ELEMENT CWEG-14**

**Divisional Pioneer Company (a)**

- **Command**
  - x1 Commander
  - x1 SA-7 ‘Grail’ SAM Team (b)
  - x9 Sappers (3 flame 3 MAW)
  - x4 BTR-50 PK APC (c)
  - x4 TMM Bridgelayer
  - x1 or x3 MTU Bridgelayer (d)
  - x1 BAT-M Bulldozer
  - x1 GMZ Minelayer Vehicle
  - Recce
  - x1 BRDM-2 Armoured Car

(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

From mid-1980s, may replace SA-14 ‘Gremlin’ SAM Team with:
- SA-16 ‘Gimlet’ SAM Team

(c) May replace BTR-50 PK APCs with:
- BTR-152 Armoured Personnel Carrier
- BTR-50 PB Armoured Personnel Carrier

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

**MANOEUVRE ELEMENT CWEG-15**

**Divisional SAM Battery**

- **Command**
  - x1 BTR-60 PU 12 AA Command Vehicle
  - x2 SA-6 ‘Gainful’ SAM Vehicle (ab)

(a) May replace all SA-6 ‘Gainful’ in Panzer Divisions only with:
- SA-8 ‘Gecko’ SAM Vehicle

**MANOEUVRE ELEMENT CWEG-16**

**Army SAM Battery**

- **Command**
  - x1 BTR-60 PU 12 AA Command Vehicle
  - x2 SA-4 ‘Ganef’ SAM Vehicle
Note that self-propelled artillery pieces were always in short supply in the Warsaw Pact armies – particularly during the earlier half of the 1980s. These units would often therefore persist with towed 122mm howitzers, as per FSE CWEG-03/04.