



VIRTUAL INTELLIGENCE SERVICE

VICTORIA PER INTELLECTUM

**ORDER OF BATTLE**

**DRAFT 0.4 - NOT  
PUBLISHED**

Ground forces

**NOTE:** This document and structure is a simplification and a compromise between real world organization and DCS limitation, while respecting that this is a hobby and not anyones job.

# Version control

Version number	Date	Information changed
0.4 (DRAFT)	2020-04-25	Finished Air Defence Forces (ADF)



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# Explanation: Symbols



Rank of commanding officer (generals)

Name of unit



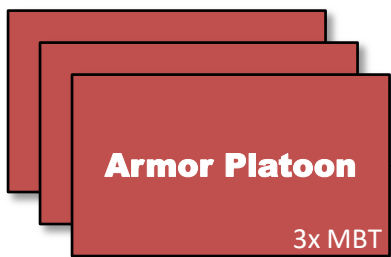
Types of vehicles in unit



Long Dashed line indicate that this unit is supporting (attached), and is not organic to the unit. The unit is attached when force is in the field for combat



Short Dashed line indicate that this unit **may** be split up and detached and will support a unit at a lower echelon, and is not organic to this unit. If split up and detached to subunits, this happens when force goes to the field for combat



Indicates similar units (In this example 3 Armor platoons)

Maneuver units:

Armor, Mechanized and Motorized

## Brigade

Brigade is the normal fighting unit (contains air defence, maneuver unit, logistics and artillery)

## Division:

Offensive or defensive, this is the normal unit size for a sector

## Corps:

A full front, contains additional Corps resources and a headquarter.



# Explanation #2

## Ground Forces

Ground forces are the combat maneuver forces. This includes air defense forces assigned to the ground forces in direct support to protect the combat maneuver forces

Main maneuver ground forces are divided into:

- Motorized: Wheeled infantry (APC)
- Mechanized: Tracked Infantry Fighting Vehicles
- Armor: Main Battle Tanks

These three are the main fighting force of any enemy unit. They are supported by :

- Combat Support (CS) forces:
  - Artillery, Air Defenses, Recon
- Combat Service and Support (CSS) forces:
  - Logistics

## Air Defense Forces

Air Defense forces are Air Defenses controlled by the Air Force.

Air Defense Forces are divided in two parts:

- **Air Defense Force(ADF)** : Protecting areas, important targets, controlled by Air Force. These forces are a combination of static sites and mobile sites, all of them are connected in a Integrated Air Defense System (IADS)
- Air Defense (AD)**: Protecting maneuver forces, fielded forces, controlled by Army once deployed into the field. These forces are highly maneuverable, but rarely connected to the enemey's IADS.

- Air Defense Regiment (AD Regiment): Supporting the Army
- Air Defense Force Regiment (ADF Regiment): Supporting the Air Force



# Symbols (Type and size)

## UNIT TYPES

(Combatflite + briefings)



Infantry



Motorized infantry: Wheeled Armored Personell Carriers (APC)



Armor: Main Battle Tanks



Mechanized Infantry: Tracked Infantry Fighting Vehicles (IFV)



Artillery: Mortars



Mechanized Artillery: Tracked artillery



## UNIT SIZES

(Combatflite + briefings)

...

Platoon



|||

Regiment



x

Brigade



|

Company



xx

Division



||

Battalion



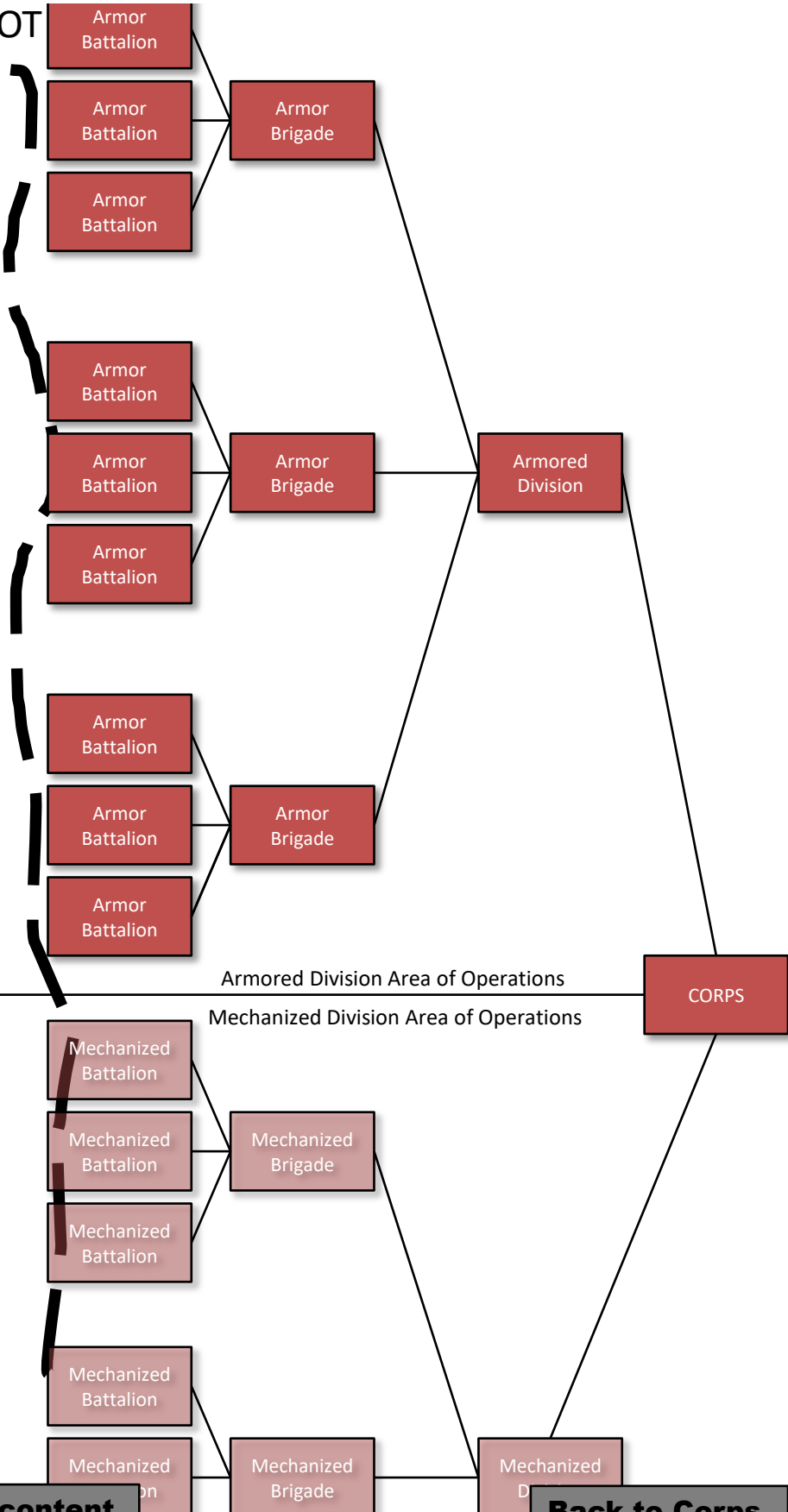
xxx

Corps



Explanation : Example

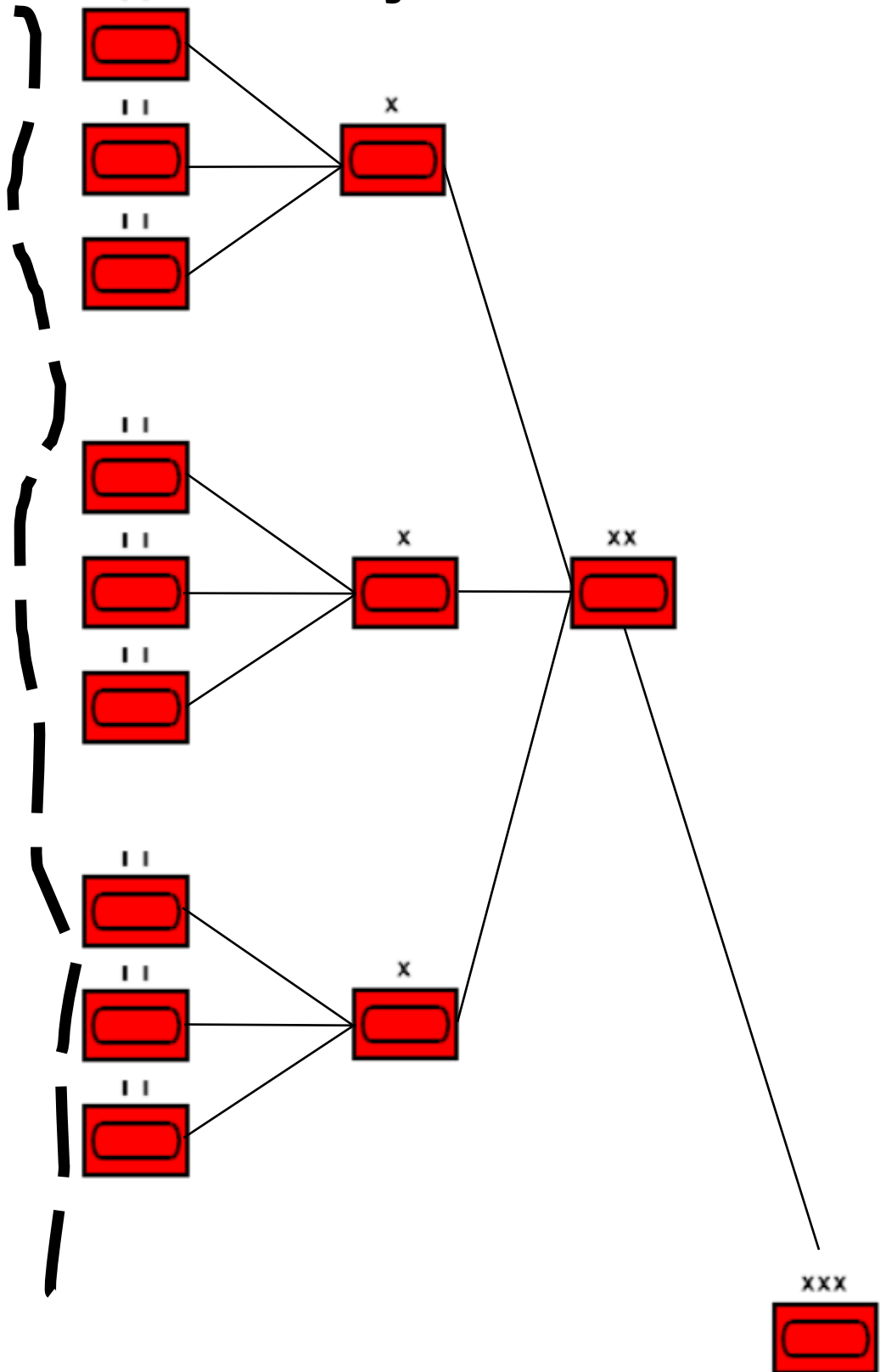
FLOT





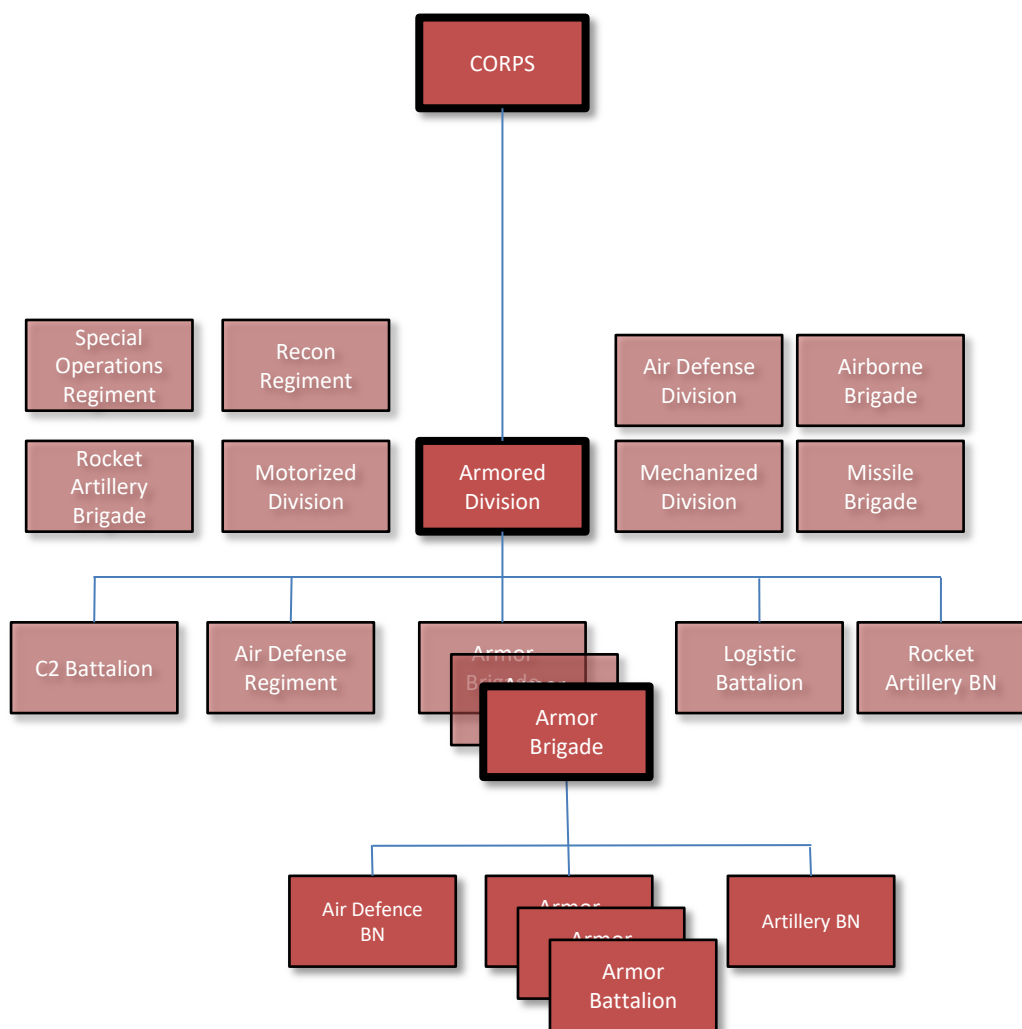
# Same example, with military symbols

FLOT





### Explanation : Hierarchy



Under the Corps, the Motorized, Armored and Mechanized Divisions have their own structure. In this example, the Armored Division is shown. Below Armor Division is the Armor Brigade, also shown.



# Explanation

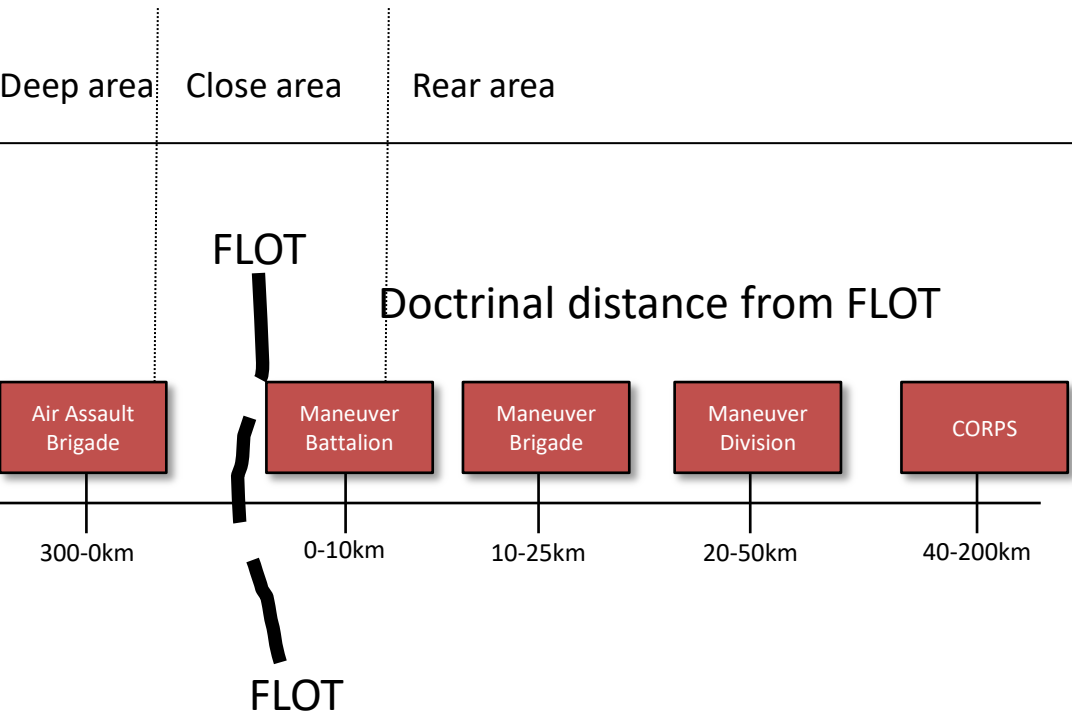
Platoon	3x Fighting veichles ( MBT, IFV, APC)
Company/ Battery	3x Platoons
Battalion	2-5 Companies (3 "line" companies + support/HQ)
Brigade / Regiment	3-5 Battalions (3 "line" Battalions + support/HQ)
Division	3 Line Brigades + Regiments/Battalions for support
Corps	3 Line Divisions + Brigades, Regiments and Battalions in support

**NOTE:** "line" refer to main combat unit such as armor, mechanized or motorized infantry.

These are the main fighting force, also known as maneuver units.



# Explanation: Distances



## Explanation:

The Forward Line of Own Troops (FLOT) is the battle line between enemy and friendly forces. The maneuver battalions engaged in combat operations are normally in tactical dispositions from 0 to 10 km from the FLOT. The maneuver brigade and brigade resources is normally placed 10-25 km from the FLOT. Further back in the rear area one can find the maneuver division and the division resources. Even further back in the rear area, one will find the Corps and the Corps resources.

Deep area: Behind enemy lines

Close area: Combat zone

Rear area: Within friendly lines

**NOTE:** Air Assault Brigade jumping/parachuting in behind enemy lines

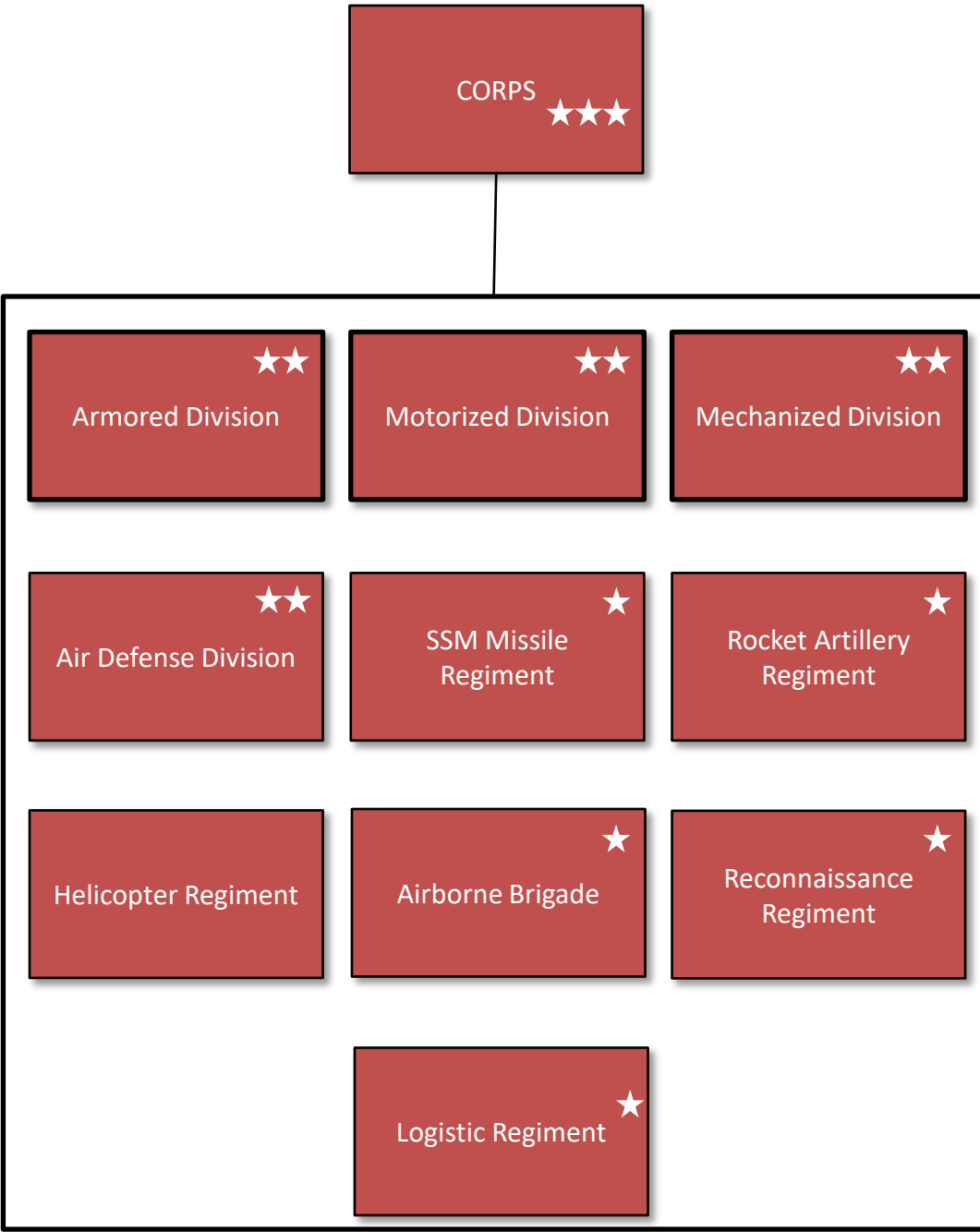


# GROUND FORCES

This section includes information about the combat maneuver forces

This section contain generic information about unit size and organization

# Corps



**NOTE:** Click on symbol for link



# Headquarters

The following section contains information about the various headquarters.

There are 2 variants of each headquarter level (echelon)

## **Defensive**

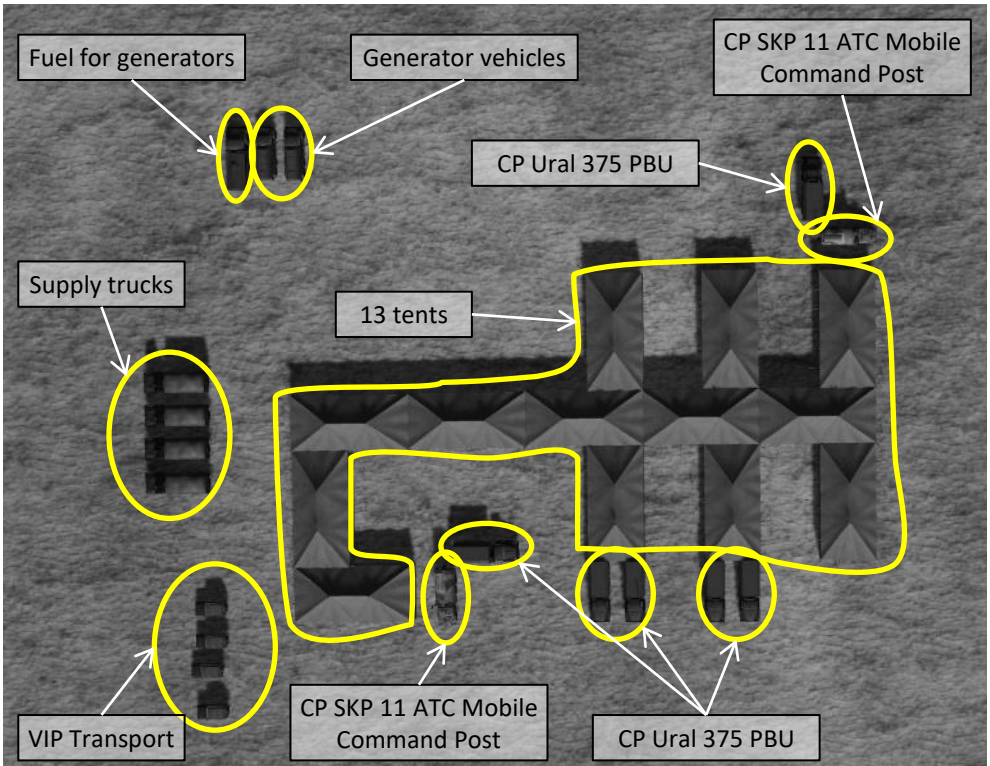
Static headquarter at own territory. At their own / homebases. Typically C2 Bunkers or other fixed structures. Each headquarter / base will have a seperate layout and given as a specific briefing or report. During force buildup the forces are assigned to the bases and training areas.

## **Offensive**

Mobile headquarters that can move with the force as the ground forces maneuver in combat, consist of vehicles and tents.



# Corps HQ

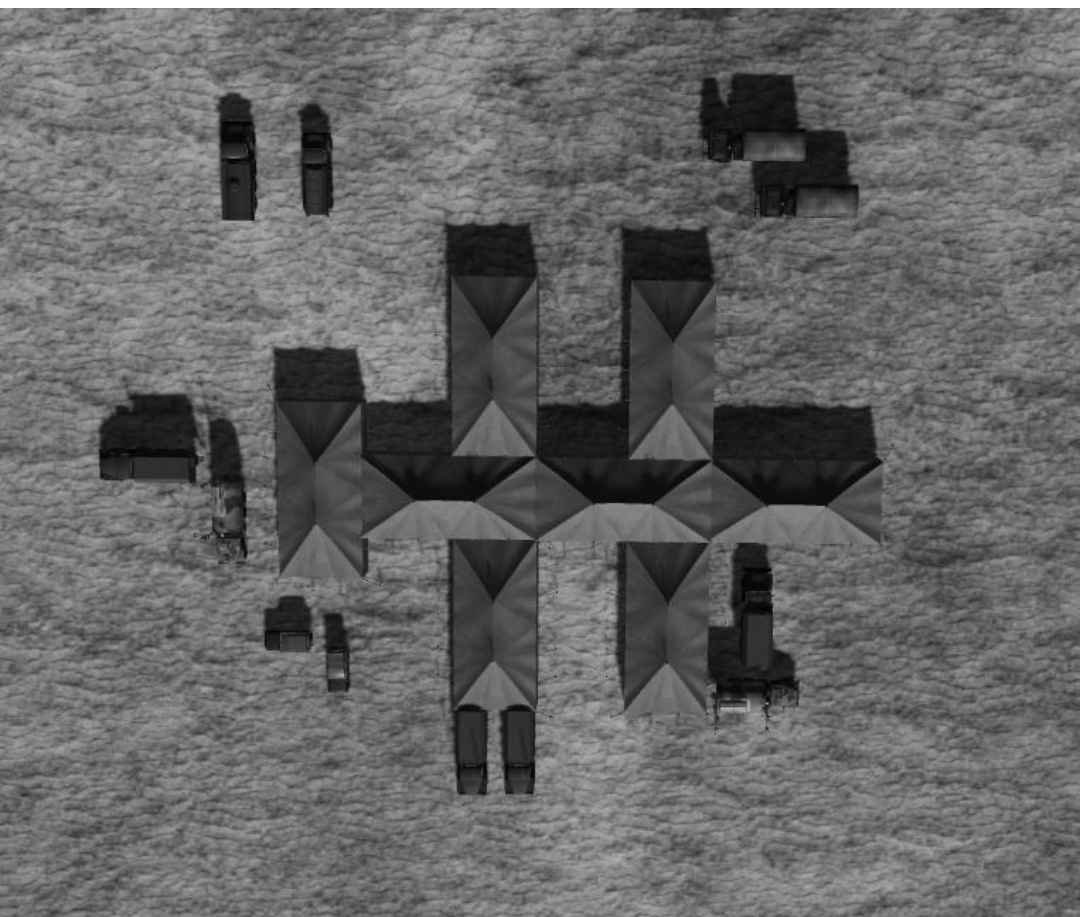


Corps HQ is in rear area and are normally protected by a SA6 Battalion.

All Corps Headquarters will have the same layout on the tents. Amount of vehicles may vary but will as a minium contain what is shown on this picture.



# Divison HQ

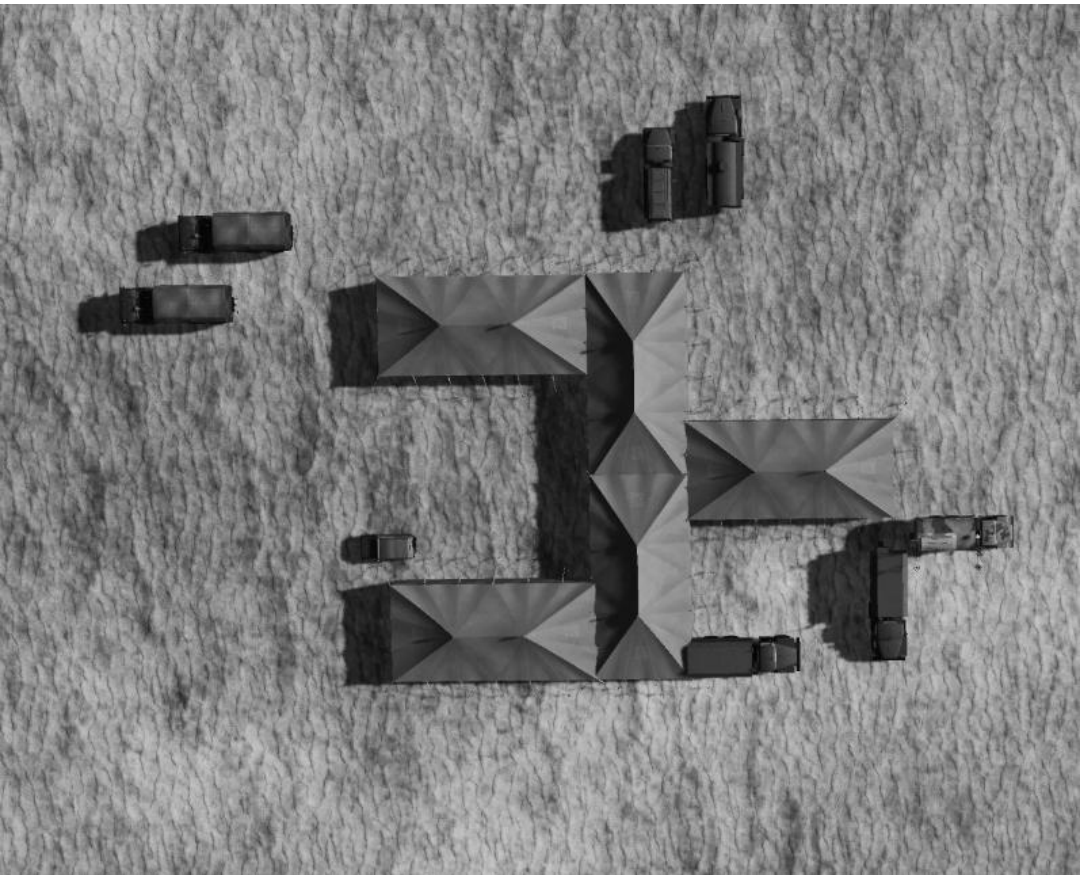


All Division Headquarters will have the same layout on the tents





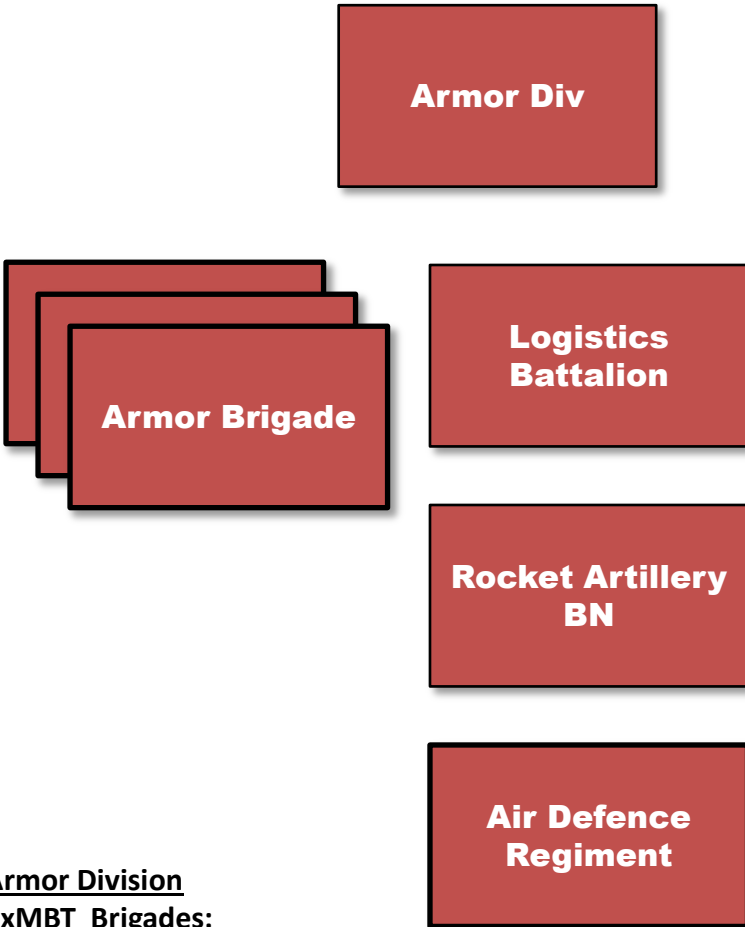
# Brigade HQ



All Brigade Headquarters will have the same layout on the tents



# Armor Division



## Armor Division

### **3xMBT Brigades:**

243 MBT + 27 fueltrucks + 27 ammo trucks

54 Arty + 27 ammo trucks

### **Air Defence Regiment:**

36x ZSU23/4 (or SA19) + 36 SA19

4x SA8 + 4x SA15 + 1x CP Sborka

8 xTransport GAZ-66

### **Logistical BN:**

Fueltruck x 6 + Supply truck x 6 + Ammo truck x 6

### **Rocket Arty BN:**

4x BM-21 GRAD

2x Transport URAL-4320T

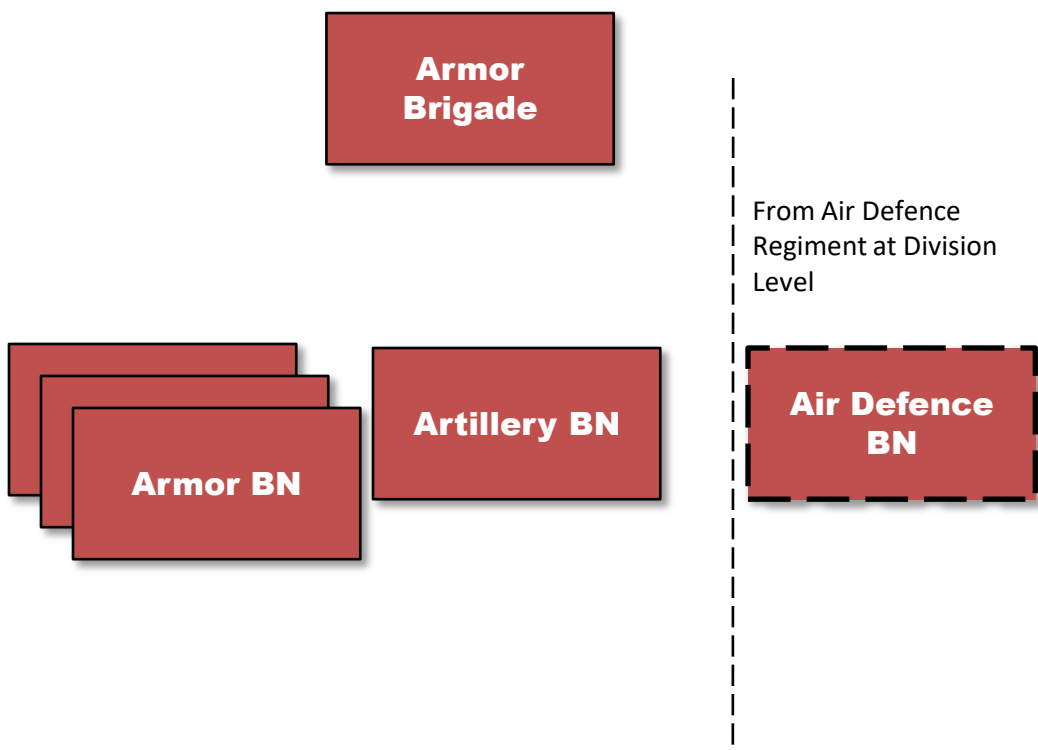
3x CP URAL-375 PBU

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# Armor Brigade



## Armor Brigade:

### **3xMBT BN :**

81 MBT+9 fueltrucks+9 ammo trucks

### **Artillery BN:**

18 Arty + 9 ammo trucks

### **Air Defence BN:**

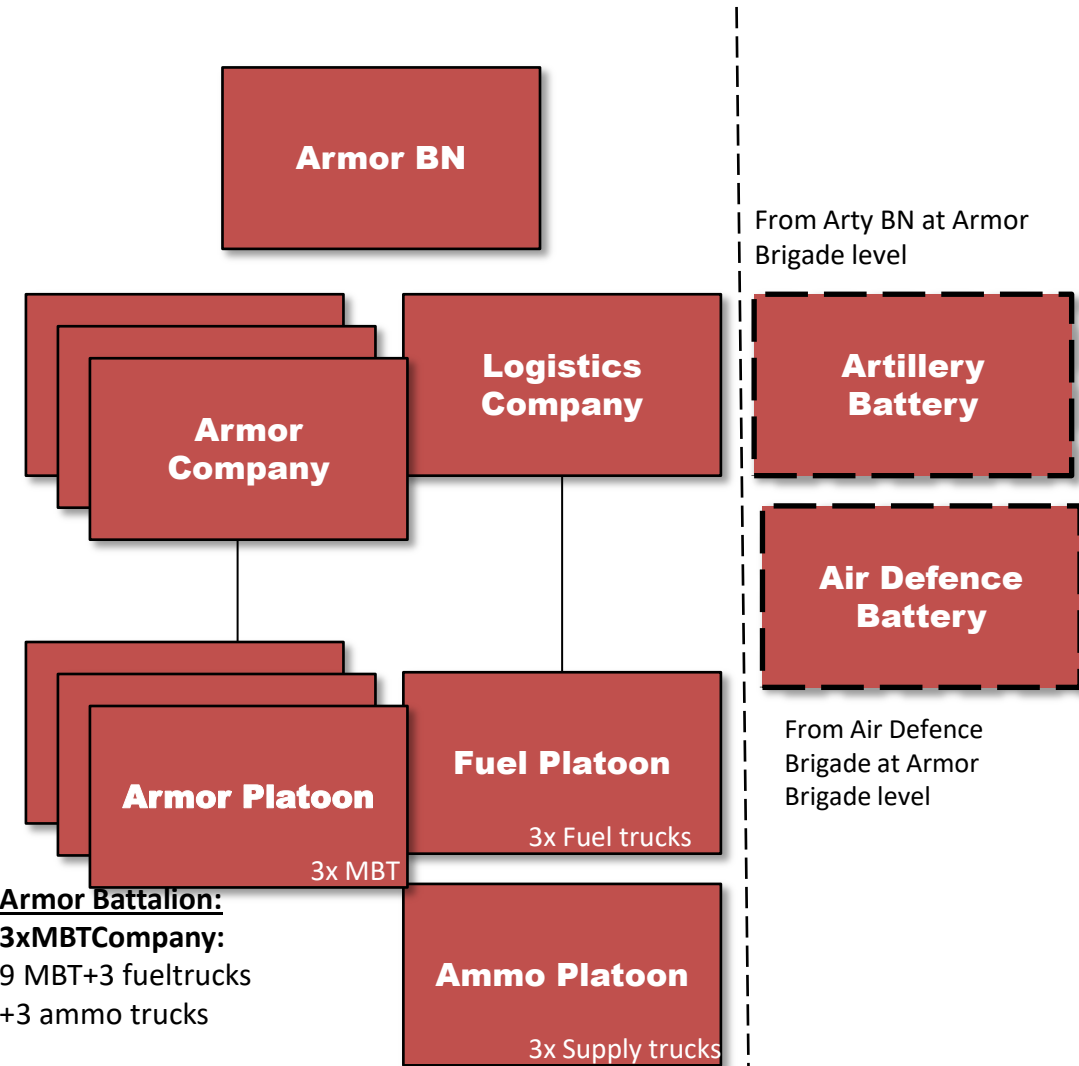
12x ZSU 23/4 (or SA19)

12x SA19

6x Transport GAZ-66



# Armor Battalion



## Armor Battalion:

### **3xMBTCompany:**

9 MBT+3 fueltrucks

+3 ammo trucks

### **Artillery Battery:**

6 Arty + 3 ammo trucks

### **Air Defence Battery:**

4x ZSU 23/4 (or SA19)

4x SA19

2x Transport GAZ-66



T72



T80U



T90

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# Mechanized Division

**Mechanized Div**

**Mechanized  
Brigade**

**Logistics  
Battalion**

**Rocket Artillery  
BN**

**Air Defence  
Regiment**

## Mechanized Division

### **3xMechanized Brigades:**

243 IFV + 27 fueltrucks + 27 ammo trucks

54 Arty + 27 ammo trucks

### **Air Defence Regiment:**

36x ZSU23/4 (or SA13) + 36 SA13

4x SA8 + 4x SA15 + 1x CP Sborka

8 xTransport GAZ-66

### **Logistical BN:**

Fueltruck x 6 + Supply truck x 6 + Ammo truck x 6

### **Rocket Arty BN:**

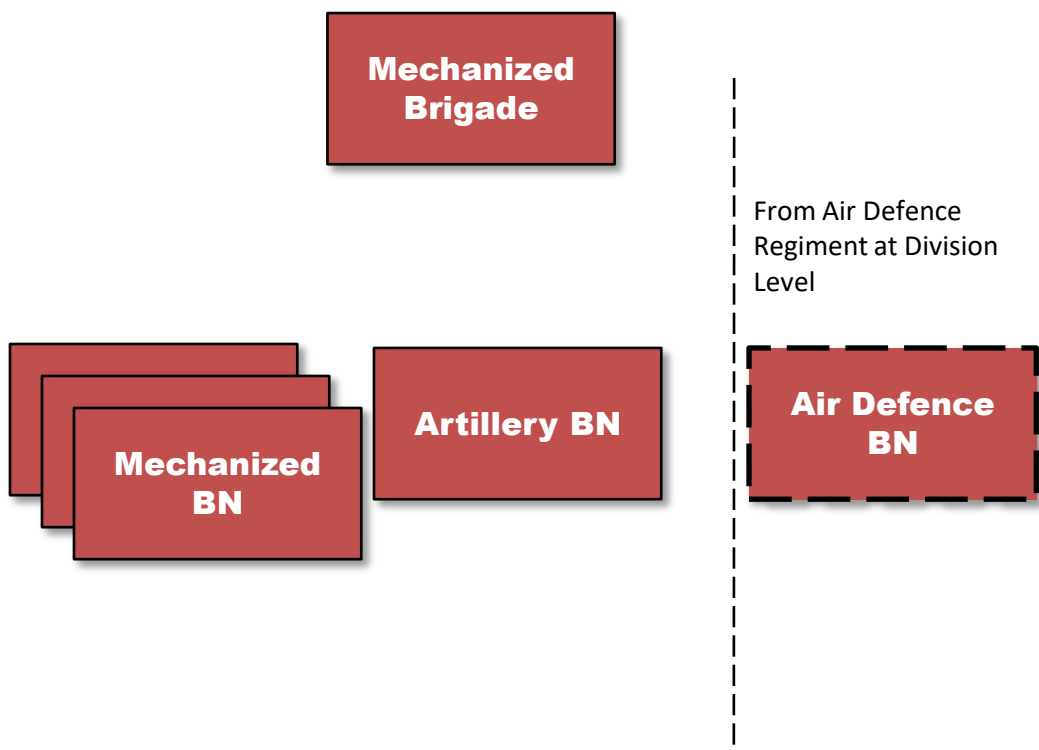
4x BM-21 GRAD

2x Transport URAL-4320T

3x CP URAL-375 PBU



# Mechanized Brigade



## Mechanized Brigade:

### **3xMechanized BN :**

81 IFV+9 fueltrucks+9 ammo trucks

### **Artillery BN:**

18 Arty + 9 ammo trucks

### **Air Defence BN:**

12x ZSU 23/4 (or SA13)

12x SA13

6x Transport GAZ-66



# Mechanized BN

**Mechanized BN**

**Mechanized Company**

**Logistics Company**

**Artillery Battery**

**Air Defence Battery**

**Mechanized Platoon**

3x IFV

**Fuel Platoon**

3x Fuel trucks

**Ammo Platoon**

3x Supply trucks

From Arty BN at  
Mechanized Brigade level

From Air Defence  
Brigade at Mechanized  
Brigade level

## Mechanized Battalion:

**3x Companies :**

27 IFV+3 fueltrucks

+3 ammo trucks

## **Artillery Battery:**

6 Arty + 3 ammo trucks

## **Air Defence Battery:**

4x ZSU 23/4 (or SA13)

4x SA13

2x Transport GAZ-66



IFV BMP-1



IFV BMP-2



IFV BMP-3



# Motorized Division

**Motorized Div**

**Motorized  
Brigade**

**Logistics  
Battalion**

**Rocket Artillery  
BN**

**Air Defence  
Regiment**

## Motorized Division

### **3xMotorized Brigades:**

243 APC + 27 fueltrucks + 27 ammo trucks

54 Arty + 27 ammo trucks

### **Air Defence Regiment:**

36x ZSU23/4 (or SA9) + 36 SA9

4x SA8 + 4x SA15 + 1x CP Sborka

8 xTransport GAZ-66

### **Logistical BN:**

Fueltruck x 6 + Supply truck x 6 + Ammo truck x 6

### **Rocket Arty BN:**

4x BM-21 GRAD

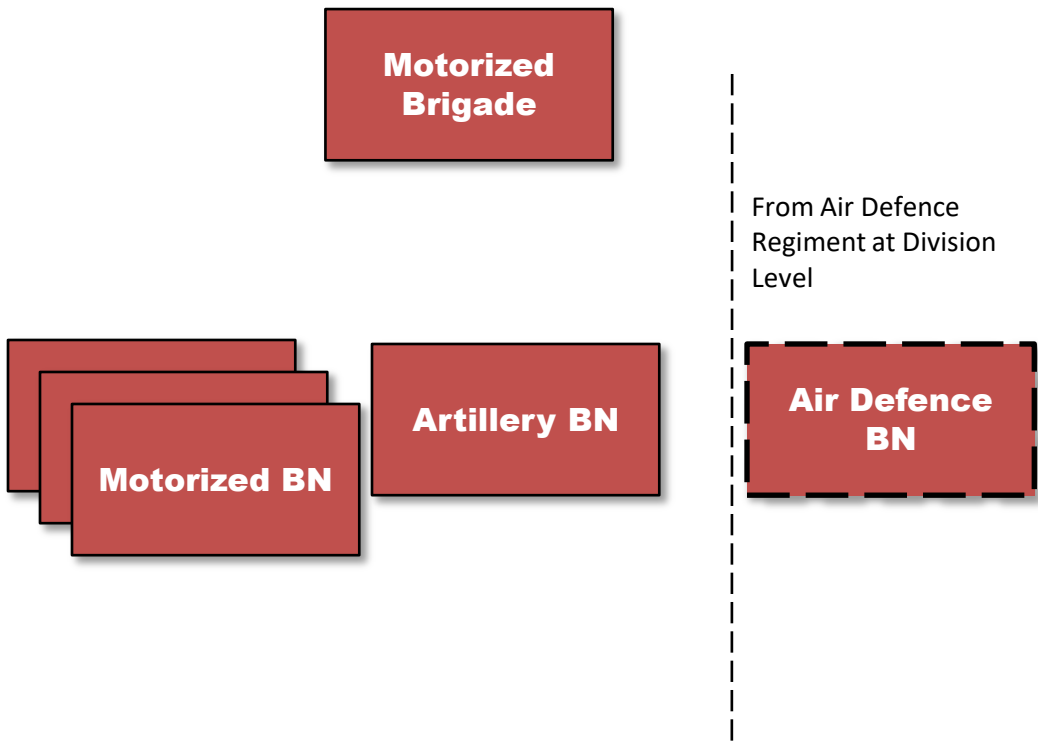
2x Transport URAL-4320T

3x CP URAL-375 PBU





# Motorized Brigade



## Motorized Brigade:

### **3xMotorized BN :**

81 APC +9 fueltrucks+9 ammo trucks

### **Artillery BN:**

18 Arty + 9 ammo trucks

### **Air Defence BN:**

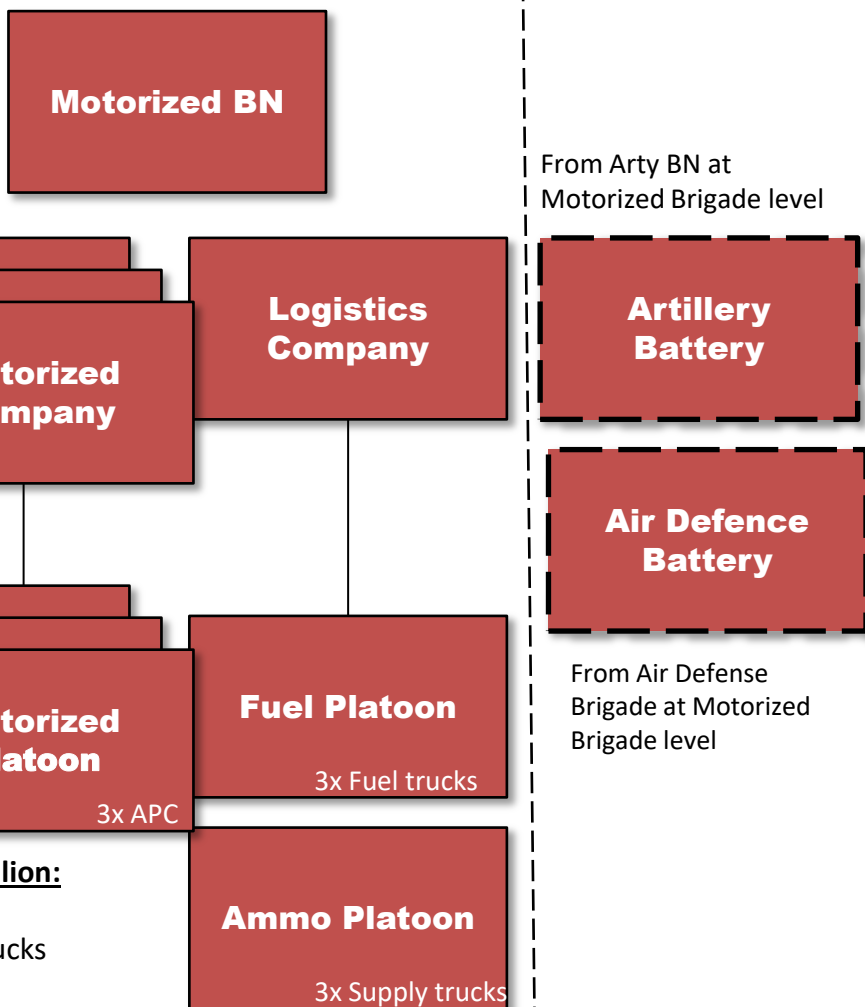
12x ZSU 23/4 (or SA9)

12x 9

6x Transport GAZ-66



# Motorized Battalion



## Motorized Battalion:

### **3x Companies :**

27 APC+3 fueltrucks

+3 ammo trucks

### **Artillery Battery:**

6 Arty + 3 ammo trucks

### **Air Defence Battery:**

4x ZSU 23/4 (or SA9)

4x SA9

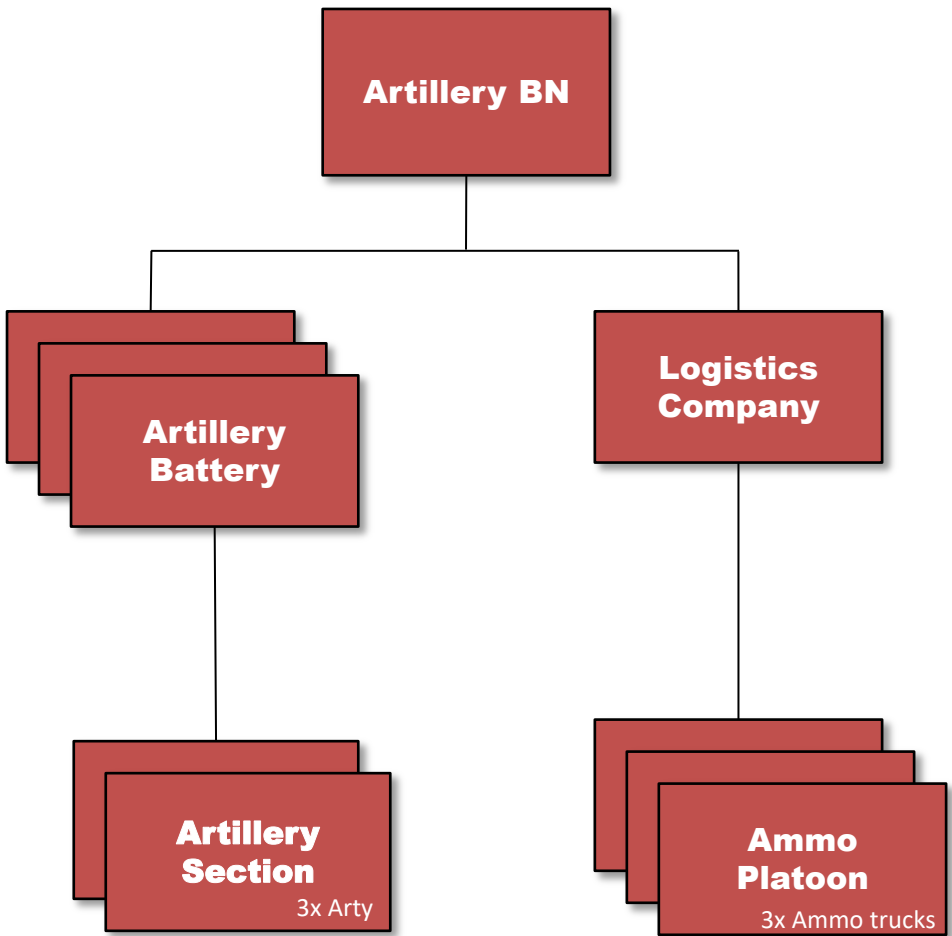
2x Transport GAZ-66



BTR-80



# Artillery Battalion



SPH 2S19 Msta



SPH 2S3 Akatsia



SPH 2S1 Gvodzika



Transport URAL-4320-31 Armored

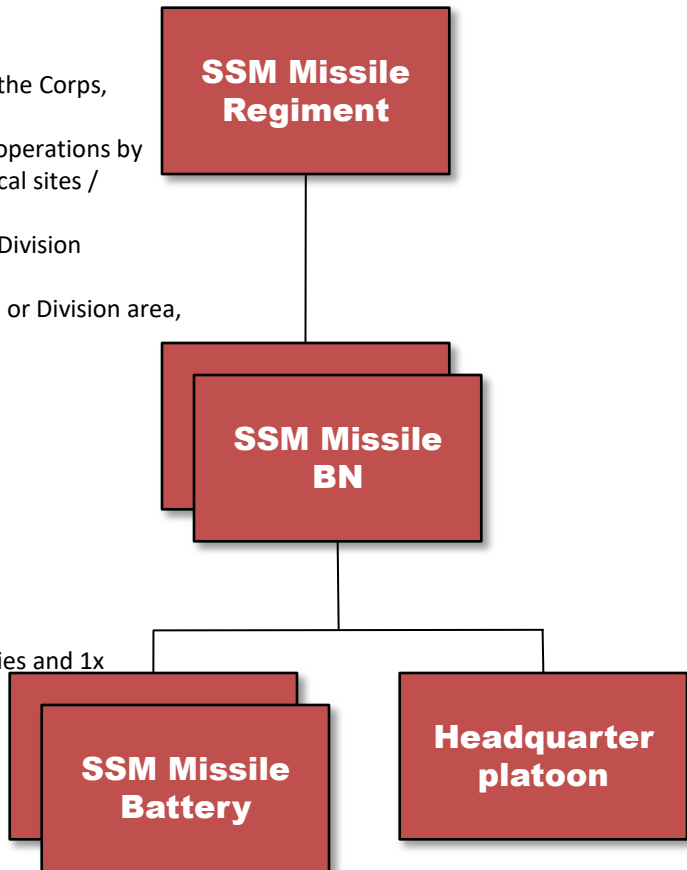


# SSM Missile Regiment

The SSM missile Regiment support the Corps, and is a Corps high value target.  
Will support offensive or defensive operations by attacking High Value Targets (logistical sites / headquarters /airfields /FARPs).  
May be assigned to the Main Effort Division (offensive/defensive).  
Will normally be placed in the Corps or Division area, protected by Corps/ Division Air Defence assets.

**TOTAL:**  
8 SCUDs  
4x Transport URAL-4320T  
6x CP URAL-375 PBU

The regiment contains:  
2 Battalions  
Each battalion have 2 Missile batteries and 1x headquarter platoon.



SSM Missile Battery:  
2x TEL (launcher vehicles) per battery  
+ 1x Transport URAL-4320T

Headquarter platoon  
3x CP URAL-375 PBU



SCUD B Launcher (TEL)



Transport URAL-4320T



CP URAL-375 PBU



# Rocket Artillery Regiment

The Rocket Artillery Regiment support the Corps, and is a high value target

**TOTAL:**  
4 SMERCH TEL  
4x URAGAN TEL  
4x Transport URAL-4320T  
6x CP URAL-375 PBU

The regiment contains:  
2 Heavy rocket artillery Battalions  
Each battalion have 2 MLRS batteries and 1x headquarter platoon.

## Rocket Artillery Regiment

### Heavy Rocket Artillery BN

#### Smerch Battery

2x SMERCH TEL  
1x URAL-4320T

#### Uragan Battery

2x URAGAN TEL  
1x URAL-4320T

#### Headquarter platoon

Headquarter platoon  
3x CP URAL-375 PBU



Transport URAL-4320T



MLRS 9A52 SMERCH  
(TEL)



MLRS 9K57 URAGAN  
BM-27 (TEL)



CP URAL-375 PBU



# Rocket Artillery BN

**Rocket  
Artillery BN**

**Rocket  
Artillery  
Battery**

2x BM-21 GRAD  
1x URAL-4320T

**Headquarter  
platoon**

Headquarter platoon  
3x CP URAL-375 PBU

The Rocket Artillery BN supports a maneuver division, and is a division high value target. Will normally support an offensive, and will be forward deployed to the brigade in the offense during the offensive or start of the offensive. Will normally attack assembly areas, high value targets (logistics and C2) or BN frontline sized units. In defensive, it will stay back, protected by Division Air Defence Assets, camouflaged.

**TOTAL:**

4x BM-21 GRAD  
2x Transport URAL-4320T  
3x CP URAL-375 PBU



**MLRS BM-21 GRAD**



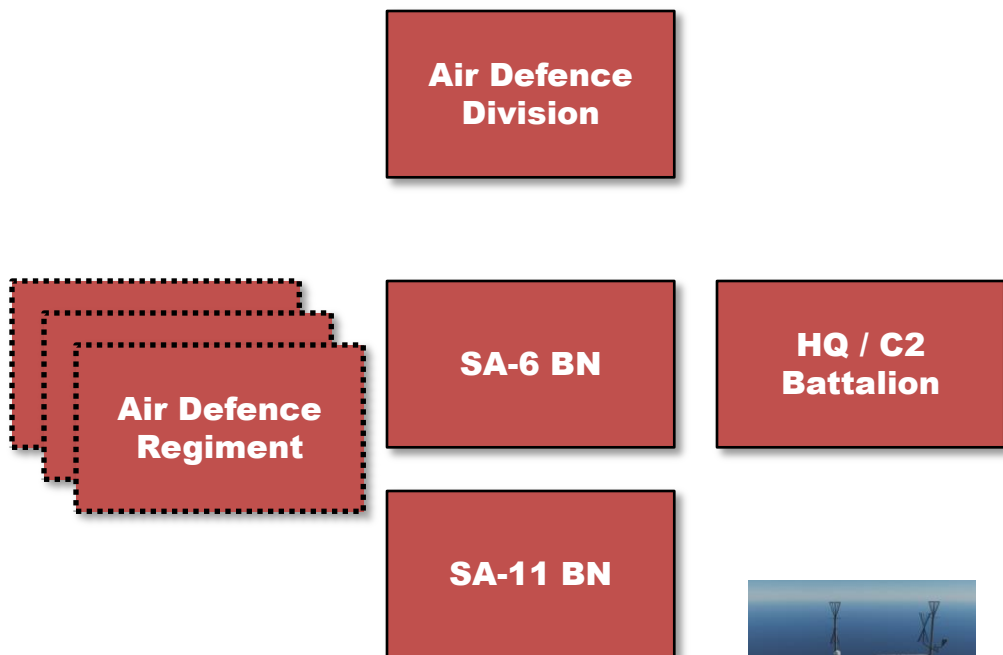
**CP URAL-375 PBU**



**Transport URAL-4320T**



# Air Defence Division



Each Air Defence Regiment is attached to the Armored, Motorized and Mechanized Divisions

SA-6 BN and SA-11 BN is used to protect Corps High Value targets (Such as: Headquarter, Logisitcal sites, Missile regiments , Rocket Artillery regiments)

HQ/C2 BN is used to coordinate the effort between all Air Defence Regiments and the independent Battalions.

The HQ/C2 BN makes it possible for the Air Defence Division to use the long range radars in the SA-6 or SA-11 BN to provide targeting data for the Air Defence Regiments.

HQ/C2 BN consist of:

- 1x CP SKP 11 ATC Mobile Command Post (C2)
- 1x CP URAL-375 PBU (Communcation Node)
- 1x GPU APA-5D (Power)



**CP SKP-11 ATC Mobile Command Post**



**CP URAL-375 PBU**



**GPU APA-5D on URAL-4320**



# Air Defence Regiment

## Air Defence Regiment

### Air Defence Battalion

#### SA-8 BN

4x Launchers  
+ Manpads  
  
+ 1x Transport GAZ-66

#### SA-15 BN

4x Launchers  
+ CP Sborka  
+ Manpads  
  
+ 1x Transport GAZ-66

Each Air Defence Battalion is assigned to a Brigade (Armored, Motorized or Mechanized) within the Division the Air Defence Regiment supports

SA8 BN and SA-15 BN support the Division High Value Targets. SA-15 BN may also be used for point defence .



GAZ-66



SA-15



SA-8



CP Sborka





# Air Defence Battalion

## Air Defence Battalion

Each Air Defence Battery is detached to "line" battalions (Armored, Motorized or Mechanized)



Air Defence Battalion supports Maneuver Brigade  
1x Air Defence Battery supporting a maneuver BN

Air Defence Platoon comes in 6 Different variants depending on the unit they are supporting:

- #1: 1x ZSU23/4 + SA-9 (Motorized) + 1x Transport GAZ-66
- #2: 1x ZSU23/4 + SA-13 (Mechanized) + 1x Transport GAZ-66
- #3: 1x ZSU23/4 +SA-19 (Armor) + 1x Transport GAZ-66
- #4: 1x SA-19+ SA-19 (Armor) + 1x Transport GAZ-66
- #5: 1x SA-13 + SA-13 (Mechanized) + 1x Transport GAZ-66
- #6: 1x SA-9 + SA-9 (Motorized) + 1x Transport GAZ-66



Transport GAZ-66



ZSU 23/4



SA-13



SA-19



SA-9



# Recon Regiment

**Reconnaissance  
Regiment**

**Recon  
Battalion**

**Long Range  
Recon  
Battalion**

**Special Recon  
Battalion**



**CP URAL-375 PBU**

**Total:**

**3x Recon Battalions:**

- 18 wheeled (1 BN)
- 36 tracked (2x BN)

**1x Long Range BN:**

- Infantry in groups of 4

**1x Special Recon BN:**

- 18x CP URAL 375 PBU

1 Recon Battalion per Division, 1 Company per Brigade (used to recon the Brigades main axis of advance)

**Long Range Recon:**

Long range Recon uses RW, plane (parachute) or infiltrates by foot, deep behind enemy lines.

Primary task to locate high value targets, such as logistics, Artillery and C2 of enemy forces or to prepare LZ for the Airborne Brigade.

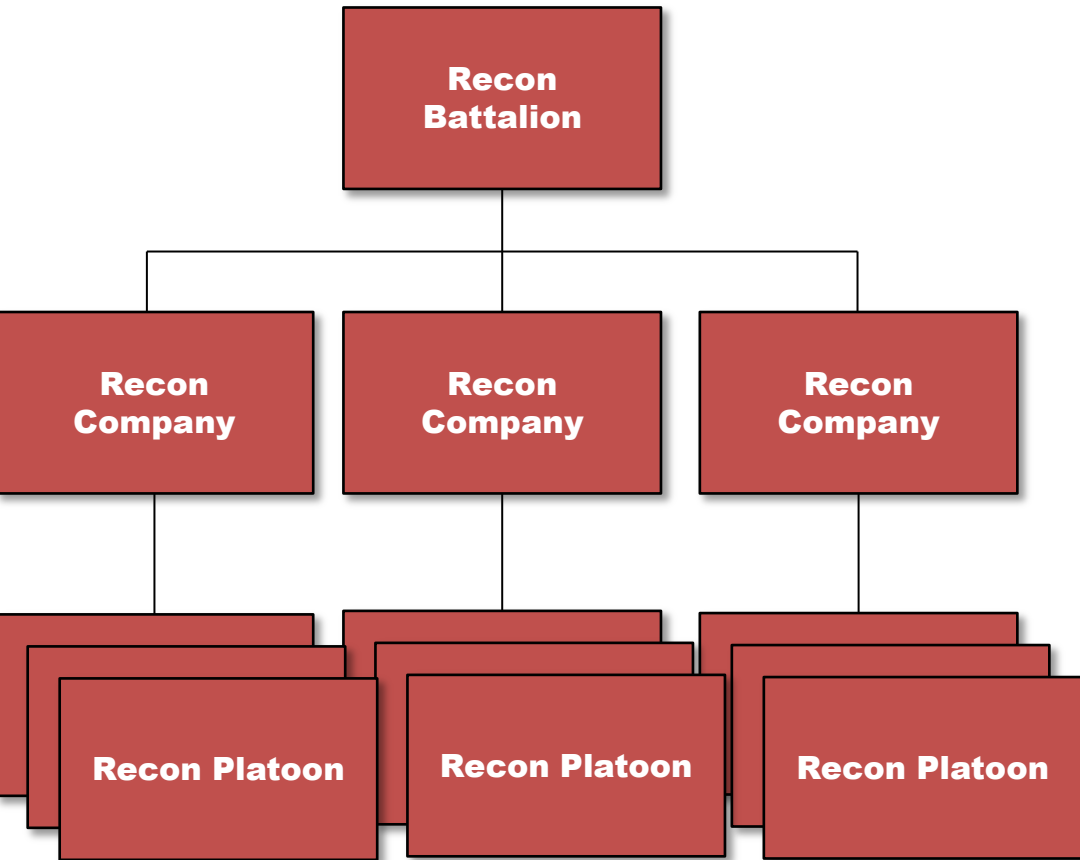
**Special Recon:**

Uses Electronic warfare, both for jamming, direction finding, and collecting intelligence on enemy forces.

**NOTE:** Recon units due to its nature of collecting intelligence operates close to the FLOT, or on the enemy side of the FLOT.



# Recon BN

**NOTE:**

Recon BN is either tracked or wheeled.

Recon BN supporting Armor or Mechanized forces use ARV-MTLB-U.

Recon BN supporting Motorized company use the ARV BRDM-2

In each platoon there are 2 vehicles

Recon units work together in pairs.



**ARV MTLB-U BOMAN**



**ARV BRDM-2**

**Total:**

6x Recon Vehicle per company

18 vehicles in the BN



# Special Recon BN

**Special Recon  
Battalion**

**Company**

**NOTE:** Special Recon BN only operate in company sized in order to use Electronic Warfare (EW) in a proper way.

Each Company have 6 CP URAL 375 PBU (vehicle identified by the antenna used for EW and Command and Control)

The vehicles always operates as pairs. So if you see 2 CP URAL-375 PBU it is likely part of the Special Recon BN.

Special Recon BN can be used either in support of the frontline combat forces (collecting intelligence, jamming, direction finding).

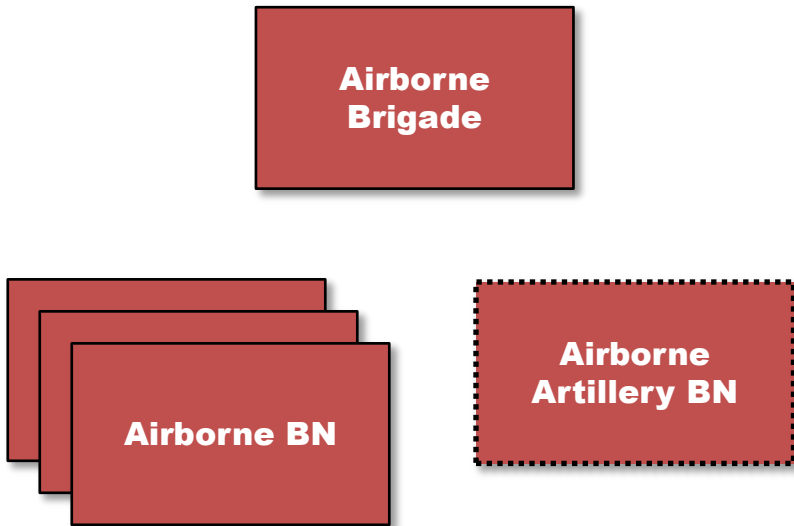
Companies may also be assigned certain areas in the rear where they are doing force protection, for example by jamming various frequencies.



**CP URAL-375 PBU**



# Airborne Brigade

**TOTAL:**

81x IFV

27x ARV BTR-RD

18x Arty

= 126 vehicles = 42 IL-76 Sorties to move the Airborne Brigade

Inserted via IL-76MD

One IL-76 can carry 3 BMD (1 Airborne Platoon)



IFV BMD-1



ARV BTR-RD



SPH 2S9 NONA



# Airborne Battalion

**Airborne  
Battalion**

**Airborne  
Company**

IFV BMD-1

27 vehicles

**Airborne  
Anti-tank  
Company**

ARV BTR-RD

9 vehicles

**Airborne  
Artillery  
Company**

SPH 2S9 NONA

6 vehicles

42 vehicles total = 14 IL-76 to move one Airborne BN

Inserted via IL-76MD

One IL-76 can carry 3 BMD (1 Airborne Platoon)



IFV BMD-1



ARV BTR-RD



SPH 2S9 NONA

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# Helicopter Regiment

## Helicopter Regiment

### Attack Helicopter Squadron

### Transport Helicopter Squadron

### Transport Helicopter Squadron

Attack Helicopter Squadron (AHS).  
Consist of 6x MI-24.

Attack Helicopter Squadrons are used for CAS mission in support of combat forces, and Armed Reconnaissance further behind the enemy FLOT.

Transport Helicopter Squadron (THS).  
Consist of 6x MI-26.

Transport Helicopter Squadrons are used for transport of supplies, medevacs, air assaults, insertion of long range recon forces.



MI-24



MI-26



# Logistic Regiment

## Logistic Regiment

### FARP BN

2x FARPs

Per FARP:

- 1x CP SKP-11 ATC Mobile Command Post (C2)
- Transport URAL 375 (ammo)
- GPU APA-80 on ZiL-131
- Fuel Truck ATMZ-5

### Logistic BN

Large supply point in the rear. Transfer to frontline Divisions

Ammo  
Fuel  
Food

### Medical BN



Fuel Truck ATMZ-5



Transport KAMAZ 43101



Transport URAL-375



CP SKP-11 ATC Mobile Command Post

Specific vehicles: (same throughout all echelons)  
Ammo: URAL-375  
Fuel: Fuel Truck ATMZ-5  
Food: KAMAZ 43101

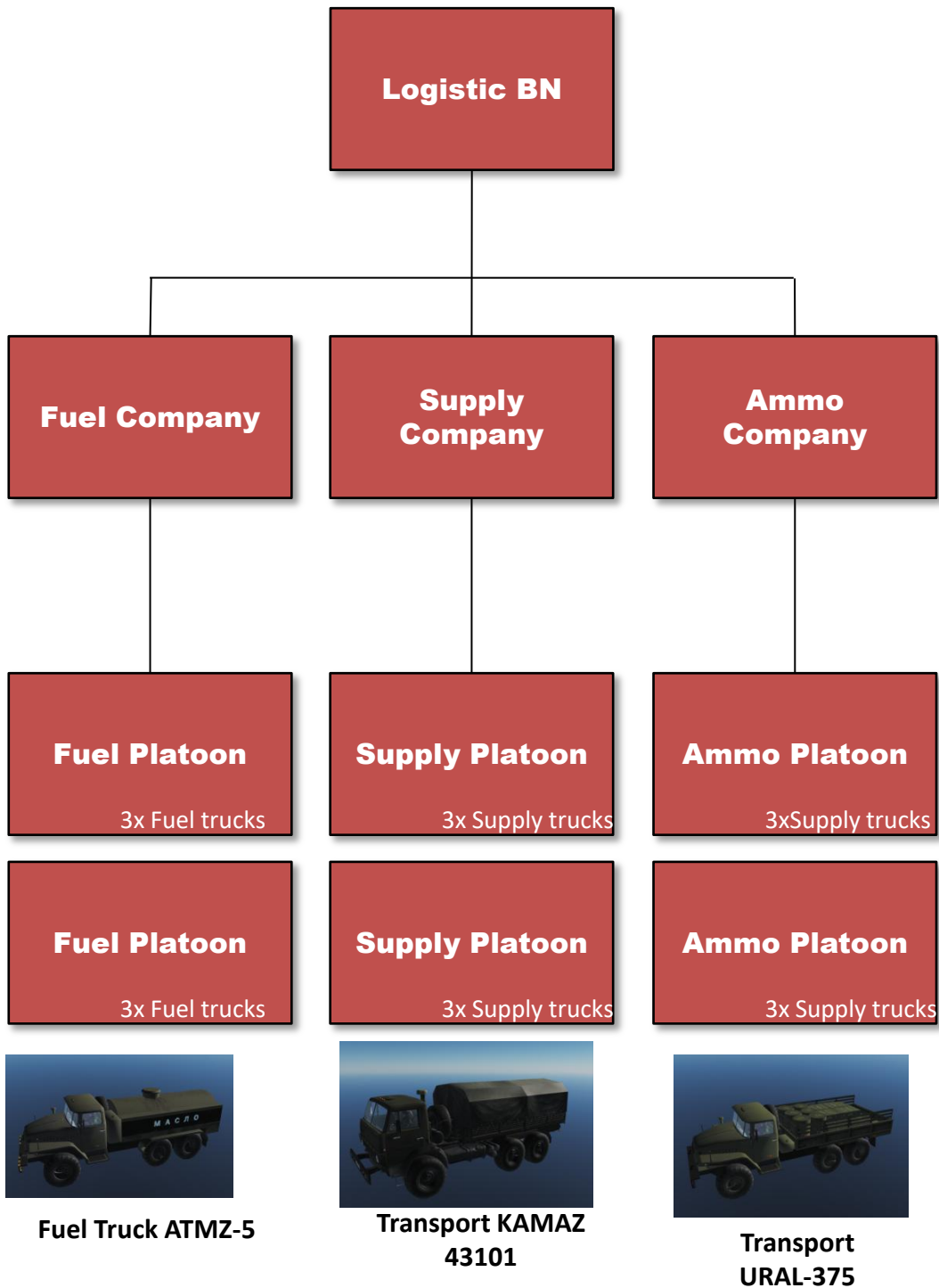


GPU APA-80 on ZiL-131





# Logistic Battalion

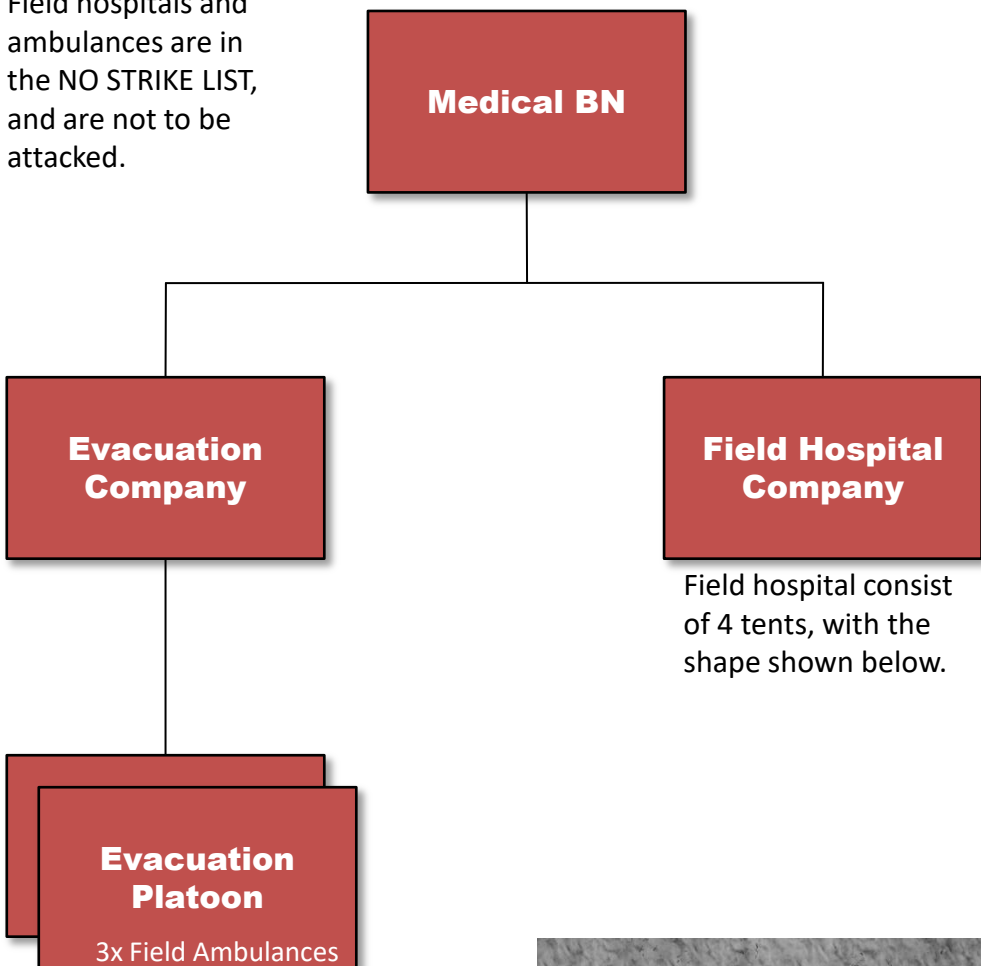




# Medical Battalion

**NOTE:**

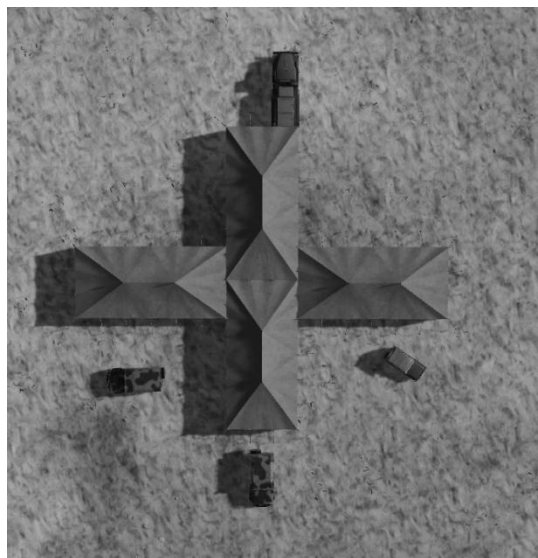
Field hospitals and ambulances are in the NO STRIKE LIST, and are not to be attacked.



Field hospital consist of 4 tents, with the shape shown below.



**APC TIGR**  
**233036**





# Air Defense Forces (ADF)

This section includes information about the Air Defense Forces protecting critical installations.

Controlled by the Air Force.



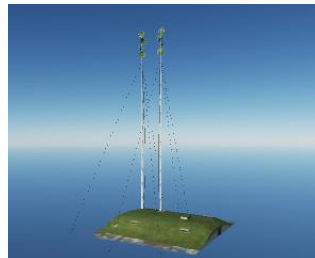
# Air Defense Force Region

**ADF  
Region**

Air Defence Force's are organized in regions. Each region is controlled from a centralized Command and Control (C2) center, located in bunkers. In order to function properly the C2 centre need power, and if it is cut from its powersupply it will be unable to conduct its function, and the IADS network in the region will not function.



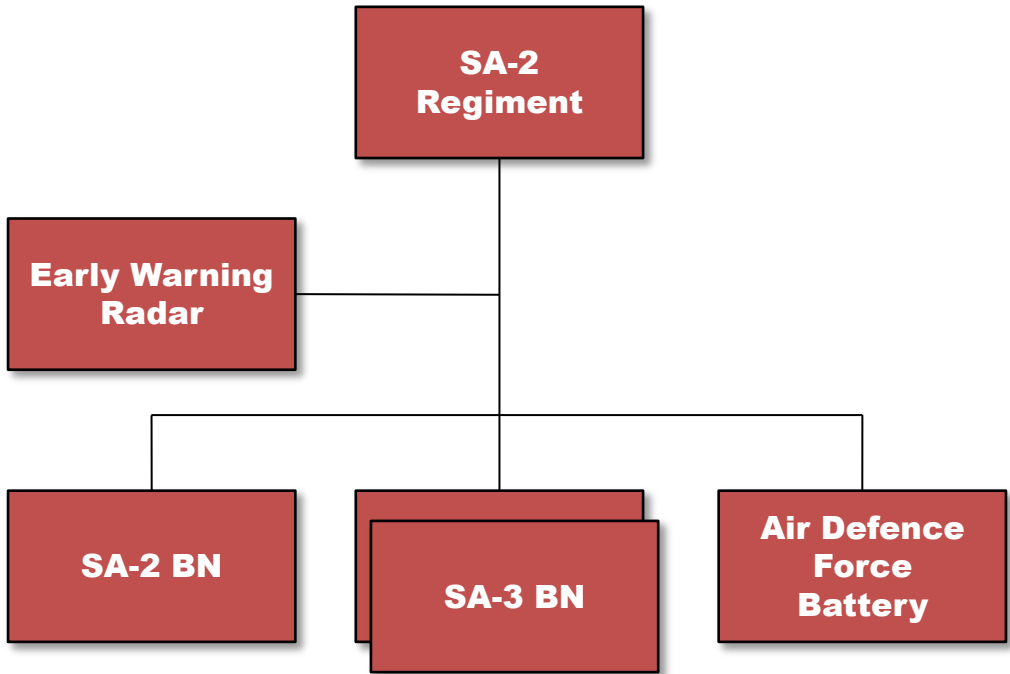
**Powersupply**



**C2 Centre**



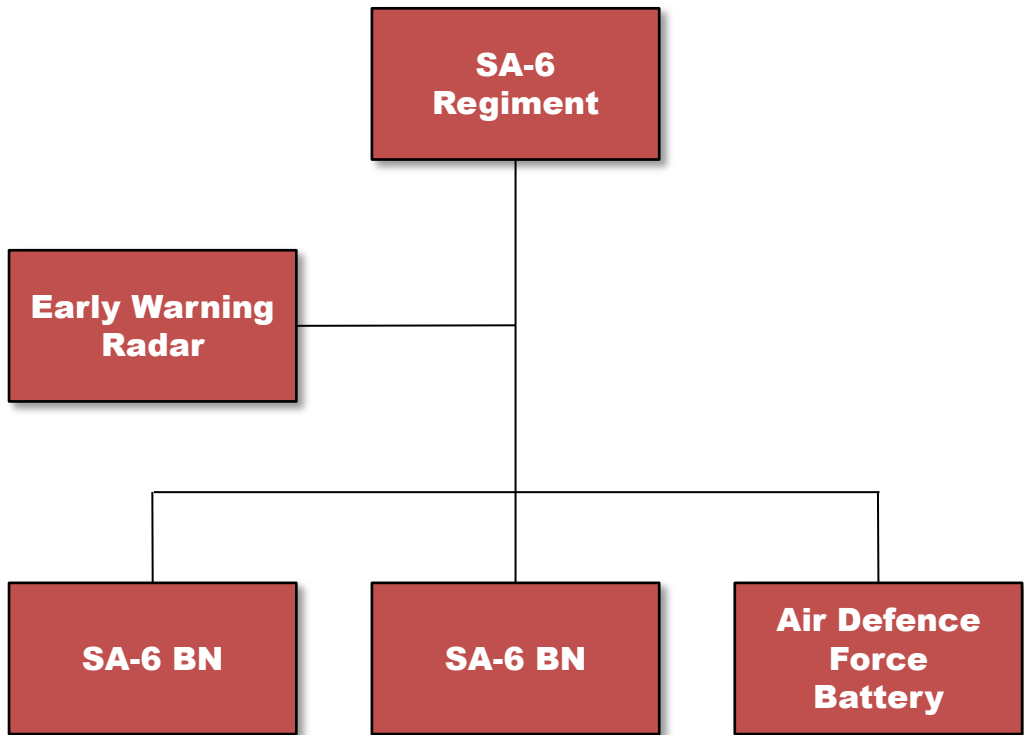
# SA-2 Regiment



The SA-2 Regiment is used to provide area defence in important areas. The regiment have a Early Warning Radar for early warning. The EWR is tied into the regions IADS and provide information to the rest of the IADS. It also contains a SA-2 BN that provide coverage in medium and high altitudes. It also have 2 SA-3 BN's for low-medium coverage in anticipated avenues of approach where low-level flying would make it possible for aircraft to close in on the SA-2. In addition the regiment also have a ADF battery to provide close protection of the SA-2 or SA-3 BN's.



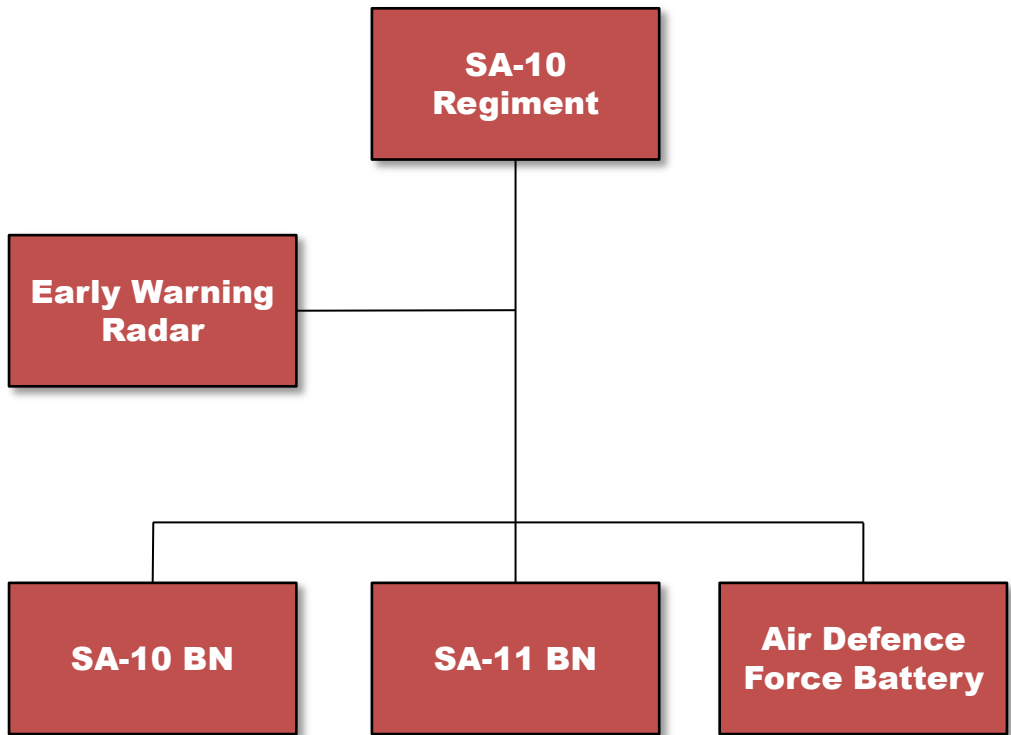
# SA-6 Regiment



The SA-6 Regiment is used to protect important areas. The SA-6 Regiment is highly maneuverable and will use its connection with the IADS to the maximum extent possible keeping the SAM sites dark and only going active once enemy aircraft are within range. The SA-6 regiment consists of 1 EWR site, that is connected to the region IADS. There are 2 SA-6 BNs and a ADF battery providing close protection to the SA-6 BNs.



# SA-10 Regiment



The SA-10 Regiment is used to protect critical and high value targets, such as airfields. The various SAM battalions are maneuverable and will shift positions regularly to avoid enemy detection. The Regiment will use connection to the IADS and stay dark as much as possible, and only go active enemy aircraft are within range. The SA-10 regiment consist of a EWR that is tied into the regions IADS. In the main effort is the SA-10 BN that is a high treat to all aircraft operating in its vicinity. In order to make it more difficult to target the high value target, and the SA-10 BN a SA-11 BN is supporting, and a ADF Battery provide close protection.



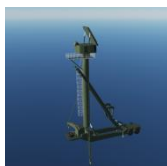
# SA-10 Battalion

## SA-10 Battalion

SA-10 Battalions are the key part of a SA-10 regiment, and protect high value targets such as enemy airfields or other critically important targets.

### A SA-10 Battalion consist of:

- 1x S300 PS TR 30N6 (Tracking radar)
- 1x S300 PS SR 5N66M (Search radar)
- 1x S300 PS SR 64H6E (Search radar)
- 1x S300 PS CP54K6 (Command and control and communication node)
- 4x S300 PS LN 5P85D (Launcher)
- 4x S300 PS LN 5P85C (Launcher)
- 2x Transport GAZ-66 (Resupply)



S-300PS  
TR 30N6



S-300PS SR  
5N66M



S-300PS SR 64H6E



S-300 PS CP  
54K6



S-300 LN 5P85D



S-300 LN 5P85C



Transport GAZ-66





# SA-2 Battalion

## SA-2 Battalion

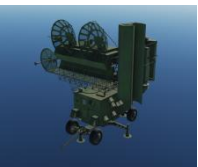
SA-2 Battalions are static sites that do not move often. SA-2 have a long range and are the key element in a SA-2 regiment. SA-2 Battalions normally protect high value targets and are a area defence SAM.

### A SA-2 Battalion consist of:

- 1x SA-2 TR SNR 75 Fan Song (Tracking radar)
- 1x SR P-19 (Search radar)
- 6x SA-2 LN SM-90 (Launcher)
- 1x CP URAL-375 PBU (Command and control and communication node)
- 3x Transport GAZ-66 (Resupply)



CP URAL-375 PBU



SA-2 TR SNR  
75



SR P-19



SA-2 LN SM-90



Transport GAZ-66



# SA-3 Battalion

## SA-3 Battalion

SA-3 Battalions are static sites that do not move often. SA-3 Battalions are normally part of SA-2 regiments guarding low altitude avenues of approach that may be a threat to the SA-2 site.

### A SA-3 Battalion consist of:

- 1x SR P-19 (Search Radar)
- 1x S-125 TR SNR (Tracking Radar)
- 4x S-125 LN 5P73 (Launchers)
- 1x CP URAL-375 PBU (Command and Control & Communication node)
- 2x Transport GAZ-66 (Resupply)



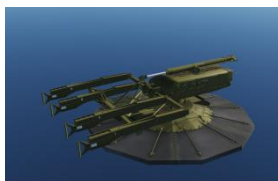
CP URAL-375 PBU



SR P-19



S-125 TR SNR



S-125 LN 5P73



Transport GAZ-66



# SA-6 Battalion

## SA-6 Battalion

SA-6 Battalions are mobile and rarely operate at the same spot for more than a few hours. SA-6 battalions can either support the ground forces as a Corps resource in the Air Defence Division, or support the Air Defence Forces normally organized in SA-6 regiments.

### A SA-6 Battalion consist of:

- 1x SA-6 KUB STR 9S81 (Search Radar)
- 4x SA-6 KUB LN 2P25 (Launcher)
- 1x CP URAL 375 PBU (Command and Control & Communication node)
- 2x Transport GAZ-66 (Resupply)



SA-6 STR 9S91



SA-6 LN 2P25



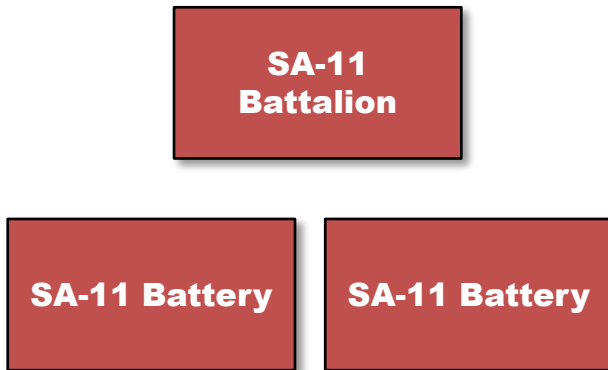
CP URAL-375 PBU



Transport GAZ-66



# SA-11 Battalion



SA-11 battalion consist of 2x SA-11 batteries.

SA-11 battalions can either work independently supporting the ground forces, or be connected into the Air Defence Forces as battalion or batteries.

A SA-11 battery consist of:

- 1x SA-11 SR 9S18M1 (Search Radar)
- 1x SA-11 CC 9S470M1 (Command and Control)
- 2x SA-11 LN 9A319N1 (Launcher)
- 1x Transport GAZ-66 (Resupply)



**SA-11 LN  
9A319N1**



**SA-11 CC  
9S470M1**



**SA-11 SR  
9S18M1**



**Transport GAZ-66**



# SA-11 Battery

## SA-11 Battery

SA-11 battery's work independently or connected in the IADS.

### SA-11 battery consist of:

- 1x SA-11 SR 9S18M1 (Search Radar)
- 1x SA-11 CC 9S470M1 (Command and Control)
- 2x SA-11 LN 9A319N1 (Launcher)
- 1x Transport GAZ-66 (Resupply)



SA-11 LN  
9A319N1



SA-11 CC  
9S470M1



SA-11 SR  
9S18M1



Transport GAZ-66



# Air Defence Force Battalion

Air Defence Force  
Battalion

Air Defence Force  
Battery

Air Defence Force  
Battery

Air Defence Force  
HQ Battery

Air Defence Force (ADF) Battalion are used for point defence of important targets or important avenues of approach. The ADF BN have a HQ battery with a CP Sborka that is used as a search radar, and the the commandsite will give directions and order the ADF batteries and platoons to turn on. This make it harder to locate the individual SAMs as they can stay cold until ordered to be activated.

## The ADF HQ Battery consist of:

- 1x CP-SKP 11 : Command and Control
- 1x CP Sborka: Search radar
- 1x CP Ural-376 PBU: Communication node
- 1x GPU APA 5-D : Powersupply

If these targets hit, the ADF batteries will then either go active and search for targets, or stay dark as they are not aware of the problems.



CP Sborka



GPU APA-5D on URAL-4320



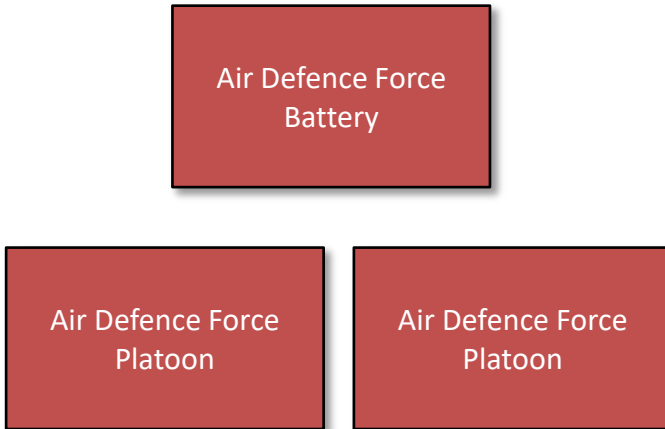
CP URAL-375 PBU



CP SKP-11  
ATC Mobile  
Command  
Post



# Air Defence Force Battery



One Air Defence Force (ADF) Battery will have 2 ADF platoons. ADF batteries can be used to support bigger SAM systems or be tied together in a ADB BN to protect targets or avenues of approach.

ADF Platoons come in two variants, light and heavy.

### Heavy platoon:

- 1x SA-15, 1x ZSU 23/4 and 1x Transport GAZ-66

### Light platoon:

- 2x SA-19 and 1x Transport GAZ-66



SA-15



SA-19



ZSU 23/4



Transport GAZ-66



# Air Defence Force Platoon

Air Defence Force  
Platoon

Air Defence Force (ADF) Platoons come in two variants, light and heavy. Individual ADF Platoons are used for close, point protection of bigger SAM systems.

## Heavy platoon:

- 1x SA-15, 1x ZSU 23/4 and 1x Transport GAZ-66

## Light platoon:

- 2x SA-19 and 1x Transport GAZ-66



SA-15



SA-19



ZSU 23/4



Transport GAZ-66