

## **Appendix I**

### **Order of Battle**

#### **Group of Russian Forces in Syrian Arab Republic, 2015-2017**

In early 2016, some 5,000 Russian military personnel were in Syria. By end of 2017 this had grown to nearly 6,000 personnel. Most these personnel served between three and four month tours of duty in Syria. The President Putin said in December 2017 that some 48,000 Russian personnel served in Syria between 2015 and the end of 2017.

***Headquarters Group of Russian Forces in Syrian Arab Republic (GRFS)***  
Based in Damascus, most likely inside Russian Embassy compound. Commanded by a colonel general or lieutenant general ranked officer.

#### ***Commanders of Group of Russian Forces in Syria***

- Aug 15-Jul 16 Colonel General Alexander Dvornikov (formerly the deputy commander of Central Military District, then promoted to commander Southern Military District)
- Jul 16-Dec 16 Lieutenant General Alexander Zhuravlev (former GRFS Chief of Staff up to Jul 16)
- Dec 16-Apr 17 Colonel General Andrei Kartapolov (former Chief of the Main Operational Directorate of the General Staff, then promoted commander Western Military District)
- Apr 17 - Dec 17 Colonel General Sergei Surovikin. (Commander Eastern Military District)
- Dec 17- ?? Colonel General Alexander Zhuravlev (for second time, also commander Eastern Military District)

Chiefs of Staff Group of Russian Forces in Syria

- Sept 16 to Jul 17 Lieutenant General Alexander Zhuravlev
- ?? -Nov 17 Lieutenant General Alexander Lapin (promoted to command Central Military District)

#### ***Centre for Reconciliation of Warring Parties in Syrian Arab Republic***

Located Hmeinyan in Latakia province, under the command of lieutenant general. Some 200 personnel are reported assigned to the centre. It has established forward operating bases in Aleppo, Homs and Dier Ez Zor provinces. It has also co-ordinated the deployment of Russian mine clearing and medical units across Syria.

#### ***Commanders Centre for Reconciliation of Opposing Sides in Syrian Arab Republic***

- Jan 16-Jul 16? Lieutenant General Sergei Kuralenko (former commander intelligence centre with Iraq and Iran in Baghdad)
- Jul 16-Dec 16 Lieutenant General Vladimir Savchenko  
Chief of Staff Centre for Reconciliation of Opposing Sides in Syrian Arab Republic
- Late 2017 Major General Yevgeny Poplavsky (met leader of YPG in Dier Ez Zor in December 2017)

### ***Aerospace and Missile Defence Group***

Operations one S-300 and two S-400 surface-to-air missile systems, as well as detachments of Pantsir-S1 point defence systems. S-400 and Pantsir-S1 have been located at Hmeinyan airbase since November 2015. A second S-400/Pantsir site was set up at Masya in Hama province in the summer of 2017. A S-300 Syria was deployed to Syria in November but its operational site has not yet been publicly identified. Pantsir-S1 teams have also been identified deployed to Palmyra and Kweires airbase.

### ***Artillery Group***

A brigade-sized artillery group has been deployed in Syria since September 2015, comprising sub-units equipped with the MSTA-B 2A65 towed 152mm howitzer, TOS-1A thermobaric multiple launch rocket launchers, BM-30/9K58 Smerch multiple launch rocket system and Orlan-10 mini unmanned aerial vehicle. A detachment of 9K720 Iskander theatre ballistic missiles have been based at Hmeinyan airbase since early 2016. Artillery units identified as deployed troops to Syria include the 120th and 291st Artillery Brigades. The TOS-1A have been operated by the 29th NBC Regiment.

### ***Security Detachment***

This is located at Hmeinyan and is based around a infantry battalion, supported by a detachment of T-90 tanks and BTR armoured vehicles. These units have been provided by the 18th, 21st, 27th, 28th, 34th, 74th and 136th Motor Rifle Brigades, as well as the 7th Tank Brigade.

### ***Military Police Battalions***

Four battalions of military police have been deployed to various locations around Syria to support the activities of the Reconciliation Centre. The first unit, of Chechen MPs, deployed to Aleppo in December 2016. During 2017 this was expanded to four battalions, each of around 400 troops, based in de-escalation zones in Idlib province, Homs province, the Damascus region and southern Syria. Units have been drawn from MP units recruited from the Caucasus region, including Dagestan and Ingushetia. One unit was withdrawn in December 2017

### ***Special Forces Group***

This provides teams of combat advisors and forward air controllers to operate with front line Syrian units. Drawn from units of the Special Forces of the Main Directorate of the General Staff of the Russian Armed Forces, known as the Spetsnaz GRU. Units identified as provide personnel to work in Syria include the 3rd Guards, 9th, 22nd and 346th Spetsnaz Reconnaissance Brigades.

### ***Training Mission to Syria Arab Army***

This is headed by a lieutenant general ranked officer and comprises several training teams based in Syrian garrisons and advisory teams who work with Syrian army units in the field. Russian private military companies also assist in this work.

### ***Commanders Training Mission to Syria Arab Army***

- Summer 2016 Major General Sergey Sevryukov (worked with Ba'ath Bri-

gades in Aleppo summer 2016, then takes over Command 5th Corps)

•?? To Feb 17 Major General Peter Milyuhin (wounded near T-4 by IED)

•Feb 17 to Aug 17 Lt Gen Valery Asapov (former chief of staff to Centre for Reconciliation then commander 5th Corps, killed in action in Dier Ez Zor Sept 17)

#### ***Air Force Group in Syrian Arab Republic***

Operated mainly from Hmeinyan airbase in Latakia province, where the Russian air operations centre is also located. Commanded by a major general. Forward operating bases for aircraft and helicopters have been established at Shayrat, T-4, Palmyra, Kweires and Dier Ez Zor airbases.

Unless marked all units are based forward based at Hmeinyan airbase, Syria. The personnel from the units rotated to Syria for three to four months at a time.

##### *Sukhoi Su-24M strike aircraft*

4th Centre for Combat Application and Crew Training, Lipestk

11th Composite Aviation Regiment, Marinovk

37th Composite Regiment, Gvardeyskoy

98th Separate Mixed Aviation Regiment, Monchegorsk

277th Bomb Aviation Regiment (Su-24M2), Komosomolsk-an-Amor

455th Bomber Aviation Regiment, Voronezh

559th Bomber Aviation Regiment, Morozovsk

6980th (ex 2nd Composite Aviation Regiment), Chelyabinsk/Shagol

##### *Sukhoi Su-25SM ground attack aircraft*

18th Guards Red Banner Assault Aviation Regiment, Chernigovka

37th Composite Aviation Regiment, Gvardeyskoye

266th Assault Aviation Regiment, Step

368th Assault Aviation Regiment (Su-25SM/SM3), Budyannovsk

960th Assault Aviation Regiment (Su-25SM/SM3), Primosko Akhtarsk

999th, Kant

##### *Su-30SM fighter aircraft*

3rd Guards Fighter Aviation Regiment, Krymsk

14th Fighter Aviation Regiment, Khalino

22nd Fighter Aviation Regiment, Tsentralnaya Uglovaya

23rd Fighter Aviation Regiment, Dzengi

31st Guards Fighter Regiment, Millerovo

120th Mixed Aviation Regiment, Domma

929th V.P. Chkalova State Flight Test Centre, Akhtubinsk

##### *Sukhoi Su-34 strike aircraft*

47th Separate Mixed Aviation Regiment, Buturlinovka

257th Independent Composite Aviation Regiment, Khabarovsk Krai

277th Bomber Aviation Regiment, Komosomolsk-an-Amor

559th Separate Bomber Aviation Regiment, Morozovsk

##### *Sukhoi Su-35S fighter aircraft*

22nd Fighter Aviation Regiment, Tsentralnaya Uglovaya

23rd Fighter Aviation Regiment, Dzengi

159th Composite Aviation Regiment, Besovets

##### *A-50 radar surveillance and command aircraft*

144th Airborne Early Warning Aviation Regiment, Ivanovo

*Tupolev Tu-22M-3 long range bomber*

6950th (ex Red Banner Naval Missile Carrying Aviation Group), Olenegorsk (forward based at Mozdok)

52nd Heavy Bomber Aviation Regiment, Shaykovko (forward based at Mozdok)

6952nd (ex 200th Heavy Bomber Aviation Regiment), Belaya/Irkursk (forward based at Mozdok)

*Tupolev Tu-95 bomber*

6950th (ex 184th Heavy Bomber Aviation Regiment) (home based at Engels)

*Tupolev Tu-160 bomber*

6950th (ex 121st Heavy Bomber Aviation Regiment) (home based at Engels)

*MiG-29SMT multi-role fighter*

116th Fighter Aviation Combat Employment Centre, Astrakhan (Sept to Dec 2017)

*Ilyushin Il-20M signals intelligence aircraft*

535th Independent Composite Transport Aviation Regiment, Rostov-on-Don (forward based at Hmeinyan airbase and Damascus International Airport)

*Ilyushin Il-22PP signals intelligence aircraft*

117th Independent Composite Transport Aviation Regiment, Orenburg (forward based at Hmeinyan airbase and Damascus International Airport)

*Tupolev Tu-214R multi-sensor surveillance aircraft*

RuAF?/Kazan Aircraft Production Company, Kazan

*Forpost unmanned aerial vehicle*

368th Assault Aviation Regiment, Budyannovsk

**Russian Navy**

*Black Sea Fleet Contingent*

The Black Sea Fleet is responsible for providing naval support to the Russian Group of Forces in Syria, as well as for the operation and security of the Russian naval base at Tartus in Syria. Force protection elements include a detachment of the 11th Independent Coastal Missile-Artillery Brigade K-300P Bastion-P anti-ship/land attack missile system based in the hills above Tartus. In September 2015, a battalion group of the 810th Naval Infantry Brigade deployed to Tartus. It deployed force protection teams to Aleppo and Palmyra. Contingents from the 61st and 336th Naval Infantry Brigades have since rotated into Syria.

**Russian Navy Black Sea Fleet Deployments to Syria**

(Dates refer to north/south bound transits through Bosphorous)

Moskova (Slava-class Cruiser) 25/9/15 to 8/1/16

Smetlivyy (Kashin-class Destroyer) 19/09/2015 to 27/12/15, 07/03/2016 to 9/6/16, 29/10/16 to 5/3/17, 22/05/2017 to 2/6/17

Ladnyy (Krivak-class frigate) 24/09/2015 to 7/10/15, 06/05/2016 to 9/6/16

Pytlivyy (Krivak-class frigate) 26/05/2016 to 2/7/16, 6/8/16 to 26/11/16, 22/7/17 to 3/8/17, 12/9/17 to 14/9/17

Admiral Grigorovich (Admiral Grigorovich-class frigate) 25/09/2016 to 16/10/16, 4/11/16 to 18/12/16, 02/03/2017 to 29/3/17, 7/4/17 to 11/7/17, 25/9/17 to 3/10/17, 2/12/17 to ??

Admiral Essen (Admiral Grigorovich-class frigate) 10/07/2017 to 21/9/17  
 Kovrovets (Natya I class Minesweeper) 14/02/2016 to 27/5/16, 27/12/16 to 2/5/17  
 Ivan Golubets (Natya I Minesweeper) 03/11/2017 to ??  
 Valentin Pikul (Natya I Minesweeper) 14/05/2016 to 17/8/16, 24/03/2017 to 7/8/17  
 Mirazh (Nanuchka-III Guided Missile Corvette) 16/11/16 to ??, 05/10/2016 to 20/11/16  
 Zeleni Dol (Buyan-M Guided Missile Corvette) 14/02/2016 to 13/4/16, 12/8/16 to 16/9/16, 5/10/16 to ?  
 Serpuhov (Buyan-M Guided Missile Corvette) 31/03/2018, 12/8/16 to 16/9/16, 5/10/16 to ??  
 R-109 (Tarantul-III Missile Boat) 24/09/2016 to ??  
 Ivanovets (Tarantul-III Missile Boat) 13/06/2016 to 19/10/16  
 Veliky Novgorod (Improved Kilo Submarine) Sept to Nov 17  
 Rostov-on-Don (Improved Kilo Submarine) Nov to Dec 16  
 Kolpino (Improved Kilo Submarine) Sept to Nov 17  
 Krasnodar (Improved Kilo Submarine) May to June 17  
***Russian Northern Fleet Task Group***  
 Admiral Kuznetsov (Kuznetsov class aircraft carrier) 15/10/2016 to 9/2/17  
 Pyotr Velikiy (Kirov class nuclear powered battlecruiser) 15/10/2016 to 9/2/17  
 Severomorsk (Udaloy-I class destroyer) 15/10/2016 to 9/2/17  
 Vice Admiral Kulakov (Udaloy-I class destroyer) 15/10/2016 to 2/12/16  
***Russian Naval Aviation (embarked Admiral Kuznetsov, Oct 2016 - Jan 2017)***  
 MiG-29KR multi-role combat aircraft  
 •110th Independent Shipborne Fighter Aviation Regiment, Severomorsk-3  
 Su-33 multi-role combat aircraft  
 •110th Independent Shipborne Fighter Aviation Regiment, Severomorsk-3  
 Ka-27PS&PL/KA-29TB naval helicopters  
 •830th Independent Shipborne Anti-Submarine Helicopter Regiment, Severomorsk-3  
***Caspian Sea Flotilla warships engaged in Kalibr cruise missile strikes, Oct 2015***  
 Dagestan (Gepard-class frigate)  
 Grad Sviyazhsk (Buyan-M-class corvette)  
 Uglich (Buyan-M-class corvette)  
 Veliky Ustyug (Buyan-M-class corvette)

***Syria Express - Logistic Shipping sailings from Black Sea ports to Tartus, Syria***

(Number of north/south bound transits through Bosphorous)

*Russian Navy Landing Ships*

	2015	2016	2017	Total
Saratov (Black Sea Fleet)	7	6		13
Nikolay Filchenkov (Black Sea Fleet)	8	4	6	18
Aleksandr Otrakovskiy(Northern Fleet)	9	6	3	18
Minsk (Baltic Fleet)	1	11	2	14
Georgiy Pobedonosets (Northern Fleet)		10	2	12
Aleksandr Shabalin (Baltic Fleet)	5	6	1	12
Tsezar Kunikov (Black Sea Fleet)	10	9	9	28
Novocherkassk (Black Sea Fleet)	11	5		16
Yamal (Black Sea Fleet)	5	8	11	24
Azov (Black Sea Fleet)	9	5	3	17
Korolev (Black Sea Fleet)	10	1	4	15
Total				187

*Merchant Vessels chartered by Russian MOD logistic company, Oboronlogistica*

(Number of north/south bound transits through Bosphorous)

	2015	2016	2017	Total
Dvinitza50 (ex MV Alican Deval)	1	4	5	10
Yauza	2	3		5
Kyzyl-60	1	2	3	6
Aleksandr Tkachenko	3	5	8	16
Leo 1		1		1
Taya Y		2		2
Atlantic Prodigy	1			1
Kazan-60 (ex Georgiy Agafonov")	1	3		4
Transfair	1			1
Vologda-50 (ex MV Dadali)	2	3		5
Transmar	1			1
Total				36