



# Blog Gorana Hudeca

## Predstojeća lansiranja u Svemir (14.9.2020.)

2020.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in **red**. Last change on **14.Sep.2020**.

**Sep15. 0100UTC CZ-11H Gaofen-3 (01)**  
Launch site: **Yellow sea**

**?Sep15. CZ-11 CAS-5A, CAS-5B, CAS-7A, CAS-/C**  
Launch site: [Jiuquan](#), China

**Sep17. 1817UTC Falcon 9 Starlink f13**  
Launch site: [Cape Canaveral](#), USA

**Sep18. 0430UTC Delta IV-H NROL-44**  
Launch site: [Cape Canaveral](#), USA

**Sep22. CZ-4B HY-2C Haiyang-2C**  
Launch site: [Jiuquan](#), China

**Sep28. 1120UTC Soyuz-2 1B /Fregat-M Gonets x 3 (No 27, 28, 29)**  
Launch site: [Плесецк \(Plesetsk\)](#) Cosmodrome, Russia

**Sep30. Antares 230 Cygnus OA-14**  
Launch site: [Wallops Island](#), USA

Sep?? [Electron](#) STP 27R  
Sep?? CZ-4C Gaofen-3 (02)

?? SSLV D1 Microsat 2A  
Launch site: [Satish Dhawan Space Centre](#), Sriharikota, India **80**

?? [Falcon 9](#) [Starlink f14](#)  
?? [Falcon 9](#) SiriusXM SX7  
?? ?? Xidian -1  
?? SSLV D2 Demo 2  
?? [Soyuz-2 1A](#) [Bars-M 3](#)

?? [Safir 1 B](#) Nahid-1  
Launch site: [Semnan](#), Iran

**Oct01. 0000UTC Falcon 9 GPS IIIA-4**  
Launch site: [Cape Canaveral](#), USA

**Oct02. CZ-3B/G3 Tiantong-1 (02)**

**Oct14. Soyuz 2-1A Soyuz MS 17 (S63/64)**  
CDR: Сергей Николаевич **Рыжиков** (Sergey **Ryzhikov**), Сергей Владимирович **Кудь-Сверчков** (Sergey **Kud-Sverchkov**), Kathleen **Rubins**  
Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

**Oct17. 0133UTC Soyuz-2 ST A (VS24) Falcon Eye 2**  
Launch site: [Kourou](#), French Guiana





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Nov??	CZ-6	HY-3A Haiyang-3A	
??	Minotaur 1	NROL 111	
??	<a href="#">CZ-3B/G3</a>	Tiantong-1 (03)	
??	<a href="#">Soyuz-2</a> 1B / <a href="#">Fregat</a> -M	Glonass K1 / 16	
??	<a href="#">KZ-1A</a>	Jilin-1, Gaofen-02F	
<b>Dec09.</b>	<a href="#">Soyuz-2-1B</a> / <a href="#">Fregat</a>	<b>Arktika-M No1</b>	
Launch site: Байконур ( <a href="#">Baikonur</a> ) Cosmodrome, Kazakhstan			
<b>Dec11.</b>	<a href="#">Soyuz-2</a>	<a href="#">Progress MS 16</a>	
Launch site: Байконур ( <a href="#">Baikonur</a> ) Cosmodrome, Kazakhstan			
<b>Dec16.</b>	<a href="#">Falcon 9</a>	<b>Sherpa-FX</b>	
Launch site: <a href="#">Cape Canaveral</a> , USA			
<b>Dec??</b>	<a href="#">PSLV</a> (C49)	RISAT-2BR2 + 4 Kleos + 4 Spiresats	
Launch site: <a href="#">Satish Dhawan Space Centre</a> , Sriharikota, India <b>40</b>			
Dec??	<a href="#">Soyuz-2</a> 1B / <a href="#">Fregat</a> -M	Tundra (Kupol) 4	
Dec??	<a href="#">Delta IV</a> -H	NROL-82	
Dec??	<a href="#">Vega</a> <b>VV-18</b>	??	
??	<a href="#">KZ-1A</a>	GeeSat-1A; GeeSat-1B	
??	??	PACE	
??	??	EX-4	
??	??	ACE	
??	??	HypIRI	
??	Antares	IMAP/STP-05	
??	<a href="#">Falcon H</a>	ViaSat 3	
??	<a href="#">Atlas 5</a> 551	STP-03	
??	<a href="#">Atlas 5</a> 551	AFSPC-12 (WFOV (Wide Field of View Testbed missile-warning satellite))	
??	Rocket v3.1	DARPA Launch Challenge 3	
Launch site: <a href="#">Pacific spaceport complex Alaska</a> , USA			
??	<a href="#">Soyuz-2-1A</a> / <a href="#">Fregat</a>	14F01 (Neutron)	
Launch site: Плесецк ( <a href="#">Plesetsk</a> ) Cosmodrome, Russia			
??	<a href="#">Soyuz-2-1V</a>	??	
??	<a href="#">Soyuz-2-1B</a>	Pion	
??	<a href="#">Soyuz-2-</a>	Razdan 1	
??	CZ	FY-4C Fengyun-4C	
??	??	Hainan-1 (5)	
??	??	Hainan-1 (6)	<b>20</b>
??	??	Sanya-1 (1)	
??	??	Sanya-1 (2)	
??	CZ	FY-3F Fengyun-3F (Batch 2)	
??	CZ	FY-3 Fengyun-3 RM-2	



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??	<a href="#">CZ-2D</a>	SJ-19 Shijan-19
??	<a href="#">CZ-11</a>	Fengtai Shaonian-02
??	<a href="#">CZ-2D</a>	CAS 6
??	CZ	CBERS-SAR 1
??	CZ-4C	FY-3E Fengyun-3E
??	CZ-2C	Yaogan Weixing-30 Group-07 'Chuangxin-5 (19/21)
??	CZ	CBERS-6
??	??	EX-3
??	JL-1 (Y2)	Yizheng-1, Yizheng-2 two 0,9 m resolution satelites
??	<a href="#">GSLV</a>	F10 GISAT 1

Launch site: [Satish Dhawan Space Centre](#), Sriharikota, India

??	<a href="#">H-IIA</a>	Astro H2 (Hitomi-2), SLIM (Smart Lander for Investigating Moon)
??	<a href="#">H-IIA</a> 204	Inmarsat-6 F1
??	<a href="#">H-IIA</a>	JDRS-1
??	<a href="#">Safir 1 B</a>	Tadbir
??	Safir 3A	Pars sepher

64 + 91

## 2021.

### Jan04. [Atlas 5](#) 422 (AV082) CST-100 Starliner unmaned test

Jan??	<a href="#">Ariane 5</a> ECA	Eutelsat Quantum / Star One D2
??	<a href="#">Ariane 5</a> ECA	GSAT-20
??	<a href="#">Falcon 9</a>	GPS IIIA-5

### Feb25. [Falcon 9](#) FT [Dragon](#) SpX-22

### Feb28. [Falcon H](#) AFSPC-44

Feb??	<a href="#">Soyuz-2</a> B/ <a href="#">Fregat</a> -MT	OneWeb smalsat (x34)
Feb??	<a href="#">Antares</a> 230 <a href="#">Cygnum</a>	OA-15
Feb??	<a href="#">Falcon 9</a>	SARah 1

?? [Electron](#)/Photon CAPSTONE (Cislunar Autonomous Positioning System Technology Operations and Navigation Experiment  
Launch site: [Wallops Island](#), USA

?? - inaugural flight - Vega-C VV-19 Lares 2  
Launch site: [Kourou](#), French Guiana

?? [Falcon 9](#) SiriusXM SX8  
Launch site: [Cape Canaveral](#), USA

??	<a href="#">Ariane 5</a>	Arsat 3
??	<a href="#">Ariane 5</a>	ViaSat-3 Asia
??	<a href="#">Ariane 5</a> ECA	EDRS-D



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?? [CZ-3B/G3](#) FY-4B Fengyun-4B

**Mar19.** [Soyuz-2](#) [Progress MS 17](#)

**Mar30.** [Falcon 9](#) [Dragon v2 \(USCV-2\)](#)  
 Cdr: Shane **Kimbrough**, Megan **McArthur**, Akihiko **Hoshide**, Thomas **Pesquet**

Mar?? [Atlas 5](#) 411 SBIRS-GEO 5  
 Mar?? [Soyuz-2 B/Fregat](#)-MT OneWeb smalsat (x32) **120**  
 Mar?? [GSLV](#) MK II Chandrayan-3  
 Mar?? [CZ-5B](#) Y2 Tian He Space Station Core Module  
 Mar?? [PSLV](#) (C50) [GSAT 12R](#)

?? [Atlas 5](#) 402 CST 100 Starliner  
 Cdr: John **Cassada**, Sunita **Williams**

?? Vega-C VV-20 Pleiades Neo 1, Pleiades Neo 2  
 Launch site: [Kourou](#), French Guiana

?? [GSLV-Mk III](#). Gaganyaan-1 Dr B N Suresh and Mr Madan Lal, Vikram Sarabhai Space Centre (VSSC) presented the concept for the manned space mission including the development of an autonomous Orbital Vehicle (4,000kg manned capsule).

?? [Soyuz-2 ST](#) Galileo-FOC FM23, Galileo-FOC FM24  
 Launch site: [Kourou](#), French Guiana

**Apr01.** [Soyuz-2-1A](#) [Soyuz MS 18](#)  
 CDR: Олѐг Вікторович **Новицкий** (Oleg **Novitsky**), Пѐтр Валерьевич **Дубров** (Pyotr **Dubrov**), Андрей Иванович **Борисенко** (Andrei Ivanovich **Borisenko**)

**Apr08.** [Atlas 5](#) [Landsat 9](#)

**Apr20.** [Proton-M](#) [MLM](#)  
 Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

Apr?? [Falcon 9](#) IXPE (Imaging X-ray Polarimetry Explorer)

?? [Soyuz-2](#) 1B /[Fregat](#)-M Resurs N°4

?? [GSLV](#) MK II F11 [GSAT-10A](#)  
 Launch site: [Satish Dhawan Space Centre](#), Sriharikota, India

?? [PSLV](#) Oceansat-3A  
 ?? [PSLV](#) RISAT\_1A  
 ?? [GSLV](#) MK II F12 [GISAT -2](#) **140**

?? [GSLV](#) [GSAT - 32](#)

?? [PSLV](#) ScatSat, NovaSAR

?? [PSLV](#) EnMap

May?? CZ7 TZ 2 Tianzhou 2 (Logistic Cargo Vechile)

?? [Ariane 5](#) ViaSat 3 EMEA



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??	Ariane 62	Galileo-FOC FM23, Galileo-FOC FM24
??	<a href="#">PSLV</a>	Amazonia
??	<a href="#">PSLV</a>	HRSAT
??	<a href="#">PSLV</a>	Cartosat-3B
??	<a href="#">PSLV</a>	IRNSS-1J

**June22. [Falcon 9](#) **DART (Double Asteroid Redirection Test)****

June?? [Atlas 5](#) 422 (AV083) CST-100 Starliner  
 CDR: Michael **Fincke**, Chris **Ferguson**, Nicole Aunapu **Mann**  
 Launch site: [Cape Canaveral](#), USA 100

June?? [Soyuz ST](#) B/[Fregat](#) MT Euclid  
 Euclid will depart Earth on a Soyuz rocket launched from French Guiana and head for the L2 Lagrange point.

June??	<a href="#">Angara</a> 1.2	Kompsat-6
June??	<a href="#">Falcon 9</a> FT	<a href="#">Dragon</a> SpX-23

??	Ariane 62	Galileo-FOC FM25, Galileo-FOC FM26
??	<a href="#">Soyuz-2</a> 1B / <a href="#">Fregat</a> -M	Tundra (Kupol) 5
??	<a href="#">Soyuz-2</a> 1B / <a href="#">Fregat</a> -M	Tundra (Kupol) 6
??	<a href="#">Soyuz-2</a> -1B/ <a href="#">Fregat</a> -M	Glonass M / 61
??	<a href="#">Falcon 9</a>	GPS IIIA-6

??	<a href="#">Soyuz-2</a> 1A	<a href="#">Bars-M</a> 4
??	<a href="#">Angara</a> A5/ DM 03(Persei)	Kosmos
??	<a href="#">Soyuz-2</a> -1V	??
??	<a href="#">Soyuz-2</a> -1V	??
??	<a href="#">Angara</a> 1.2	Kosmos

July?? CZ-2F/G SZ-12 Shenzhou-12

July??	Vulcan/Minotaur 6/ <a href="#">Falcon 9</a> v1.1	JPSS-2
July??	<a href="#">Vega</a> C	Biomass
July??	GSLV-Mk III.	Gaganyaan-2

??	<a href="#">Soyuz ST</a> B/ <a href="#">Fregat</a> -MT	EarthCare
??	CZ-2F/G	SZ-13 Shenzhou-13

**Aug12. [Falcon 9](#) **Dragon v2 USCV-3 (US Commercial Vehicles)****  
 CDR: Lindgren, ??(NASA), ??(RF) 80

Aug?? [Soyuz-2](#) [Progress MS](#) 18

**Sep06. [Soyuz-2](#) 1B **Progress M-UM****

**Sep16. [Atlas 5](#) 552 **Dream Chaser Cargo System SNC-1****

Sep??	<a href="#">Soyuz ST</a> B/ <a href="#">Fregat</a> -MT	MetOp-SG A1/EPS-SG-a/Sentinel-5A
Sep??	<a href="#">Falcon 9</a>	SWOT
Sep??	<a href="#">Falcon 9</a>	OHB SARah 2/3

??	<a href="#">Delta IV</a> -H	NROL-91
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**Oct01. [Soyuz-2](#) 1a / [Fregat](#) **Luna 25 (Luna-Glob-1)****



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Launch site: Восточный ([Vostochniy](#)) Cosmodrome, Russia

**Oct05.**      [Soyuz-2-1A](#)                      [Soyuz MS 19](#)  
 CDR: Антон Николаевич **Шкаплеров** (Anton Nikolaevich **Shkaplerov**), Андрей Николаевич **Бабкин** (Andrei **Babkin**), Сергей Владимирович **Корсаков** (Sergei Vladimirovich **Korsakov**)

**Oct16.**      [Atlas 5 401](#)                      **Lucy**

**Oct31.**      [Ariane 5 ES](#)                      **JWST (James Webb Space Telescope)**

Oct??      [Atlas 5 401/Falcon 9](#) v1.1      JPSS Free Flyer 2 (TSIS-2)

Oct??      Ariane 62                      CSO-3

Oct??      [Antares 230](#)                      [Cygnus](#) OA-16

??      [Falcon 9](#)                      PACE

**Nov17.**      [Soyuz-2](#)                      [Progress MS 19](#)

Nov??      SLS-1                      Artemis-1      Orion (unmanned trip around the Moon) Exploration Mission 1  
 (Distant Retrograde Orbit (DRO) Tactical DRM)

**Dec07.**      [Atlas 5 541](#)                      **GOES-T (National Security Space Launch program)**

**Dec08.**      [Soyuz-2-1A](#)                      [Soyuz MS 20](#)  
 CDR: Александр Александрович **Мисуркин** (Alexander Alexanderovich **Misurkin**), **xx,yy**

Dec??      [Vega](#) C KOMPSAT 7                      60

Dec??      GSLV-Mk III.      Gaganyaan-3

Dec??      [Falcon 9](#)                      NROL-85 Intruder 13A713B

Dec??      [Falcon 9](#)                      NROL-87

??      [Ariane 5](#)                      MTG-I1

??      [Atlas 5 552](#)                      Dream Chaser Cargo System SNC-2

??      [Atlas 5 551](#)                      Asteroid Retrieval Spacecraft (ARS)

??      ??                      Seosat-Ingenio-2

??      [Vega](#)                      OpSis

??      [Vega](#) C                      CERES (x3)

??      [Vega](#)                      SSMS – 2 (Small Spacecraft Mission Service)

??      [Vega](#)                      Proba 3

??      [Vega](#) C Cosmo-SkyMed Secon Gen 2      CSG-2

??      [Falcon 9](#)                      GPS IIIA-7

??      [Falcon 9](#)                      GPS IIIA-8

??      [Proton-M/Briz-M](#)                      Ekspress AMU 3 / Ekspress AMU 7

??      [Proton-M/Briz-M](#)                      Ekspress AMU 4

??      [Soyuz-2 1A](#)                      Energiya-100

??      [Soyuz-2-1B/Fregat-M](#)      Meteor M No2-4

??      [Soyuz-2-1B/Fregat-M](#)      Smotr R №1

??      [Soyuz-2-1B/Fregat-M](#)      Arktika M 2                      40

??      [Soyuz-2-1B/Fregat-M](#)                      Kondor-FKA n.º 2

??      [Soyuz-2 1B /Fregat-M](#)      Resurs №5



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??	<a href="#">Angara A5/ Briz-M</a>	Luch 5M
??	<a href="#">Soyuz-2 1B /Fregat-M</a>	Glonass K1 / 17
??	<a href="#">Soyuz-2-1B/Fregat-M</a>	Glonass K2 / 13
??	<a href="#">Soyuz-2-1B/Fregat-M</a>	Meteor M No2-3
??	<a href="#">Soyuz-2-1A/Fregat-M</a>	<a href="#">Gonets</a> x 6
??	<a href="#">Soyuz-2-1A/Fregat</a>	Resonance 1A, Resonance 1B RESONANCE is a project to study Earth's magnetosphere consisting of four similar satellites.
??	<a href="#">Soyuz-2-1B</a>	Lotos S1
??	<a href="#">Soyuz-2-1B</a>	Persona
??	<a href="#">Soyuz-2-1A</a>	Kobalt M
??	<a href="#">Soyuz-2-1A</a>	Foton M
??	<a href="#">Soyuz-2-1B/Fregat-M</a>	Kondor-FKA n.º 1
??	<a href="#">Soyuz-2-1B</a>	Obzor R -1
??	??	Zond
??	??	MKA PN6 (Monika)
??	??	Картограф-ОЭ №1
??	<a href="#">Soyuz ST B/Fregat</a> (VS26)	OneWeb smalsat (x34)
Launch site: <a href="#">Kourou</a> , French Guiana		
??	<a href="#">Soyuz-2 B/Fregat</a>	OneWeb smalsat (x36)
Launch site: <a href="#">Восточный (Vostochniy)</a> Cosmodrome, Russia		
??	<a href="#">Soyuz-2 B/Fregat</a>	OneWeb smalsat (x34) <b>20</b>
??	<a href="#">Soyuz-2 B/Fregat</a>	OneWeb smalsat (x36)
??	<a href="#">Soyuz-2B/Fregat</a>	OneWeb smalsat (x36)
??	<a href="#">Soyuz-2 B/Fregat</a>	OneWeb smalsat (x36)
??	<a href="#">Soyuz-2 B/Fregat</a>	OneWeb smalsat (x34)
??	<a href="#">Soyuz-2 B/Fregat</a>	OneWeb smalsat (x34)
??	<a href="#">Ariane 5</a>	Heinrich Hertz
??	<a href="#">Ariane 5</a>	SES-17
??	<a href="#">Ariane 5</a>	Comsat NG 1 (Syracuse 4A)
??	<a href="#">Soyuz ST B/Fregat-MT</a>	CSO 2 (Composante Spatiale Optique-2)
??	<a href="#">Soyuz-2 B/Fregat-MT</a>	OneWeb smalsat (x32)
??	Ariane 62	OneWeb
Launch site: <a href="#">Kourou</a> , French Guiana		
??	<a href="#">Vega C</a> CNES/UAE Mars mission	
??	<a href="#">Vega-C</a> Pleiades Neo 3, Pleiades Neo 4	
??	<a href="#">CZ-3B/G2</a>	TCSTAR 1
??	CZ	Venus Global Sensing Probe
??	CZ	FY-3G Fengyun-3G (Batch 2)
??	??	Sansha-1 (1)
??	??	Sansha-1 (2)
??	CZ-4B	HY-3B Haiyang-3B





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## 2022.

Jan?? ?? Solar Sentinels  
 Jan?? [PSLV](#) XL [Aditya'](#)

?? [CZ-5](#) B Wentian Lab module Space station module

**Mar17.CZ3** Asteroid rendezvous and touchdown Rendezvous with the asteroid Apophis on 18 March 2023, entering its orbit. After 220 days, the probe will depart and then proceed toward asteroid 2002EX11. Flyby is expected on 6 October 2025 at a 9.8 km/s speed. Third and final leg of its journey, the probe will make a rendezvous with asteroid 1996FG3 on 1 January 2027 and enter its orbit. After 180 days, the probe will eventually make landing on its surface on 30 June 2027.

**Mar18.** [Soyuz-2-1A](#) [Soyuz MS 21](#)  
 CDR: Николай **Чуб** (Nikolai Aleksandrovich **Chub**),

Mar?? [Atlas 5](#) NROL-107 Silentbaker  
 Mar?? [Soyuz-2](#) [Progress MS 20](#)  
 Mar?? [Proton-M/Briz-M](#) Angosat - 2

?? CZ7 TZ 3 Tianzhou 3 (Logistic Cargo Vehicle)  
 ?? CZ-2F/G SZ-14 Shenzhou-14

Apr?? [CZ-3B/G2](#) LSTSAT (Nicasat 1)

?? CZ7 TZ 4 Tianzhou 4 (Logistic Cargo Vehicle)  
 ?? [CZ-5](#) B Mengtian Lab module Space station module  
 ?? CZ-2F/G SZ-15 Shenzhou-15

**May20.** [Ariane 5ECA](#) **JUICE (JU** **piter ICy moon Explorer)**

**June04.** **SLS Block I** **Orion: Exploration Mission 2 (Crew to Cislunar) Mission)**

June?? Ariane 5 MTG-I2  
 June?? [Atlas 5](#) 402 USCV-4 (US Commercial Vehicles)

?? SLS-1 Artemis-2 Orion (manned trip around the Moon)

July?? [Soyuz-2](#) [Progress MS 21](#)

?? Sunkar ??

Aug?? [Proton-M/Briz-M](#) ExoMars (CM+DM) An ESA exobiology rover equipped with a deep drill developed by Astrium Satellites in the United Kingdom will launch in 2020. A Russian-built entry, descent and landing package will shepherd the rover to the red planet's surface.  
 Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

Aug?? H2B Phobos sample return  
 Aug?? [Atlas 5](#) 411 SBIRS-GEO 6

Oct?? [Soyuz-2-1A](#) [Soyuz MS 22](#)  
 Cdr: Олег **Кононенко** (Oleg **Кононенко**), Анна **Кикина** (Anna **Kikina**),



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Oct??	<a href="#">Vega</a> C Biomass	
??	<a href="#">Soyuz-2</a> -1A	<a href="#">Soyuz MS</a> 23
Cdr: Прокопьев,		
Nov??	<a href="#">Soyuz-2</a>	<a href="#">Progress MS</a> 22
Dec??	<a href="#">Soyuz ST</a> B/ <a href="#">Fregat</a> -MT	MetOp-SG B1
Dec??	<a href="#">Vega</a> C	FLEX (Fluorescence Explorer satellite)
Dec??	<a href="#">Delta IV</a> -H	NROL-68
Dec??	<a href="#">Atlas 5</a> 402 / <a href="#">Falcon 9</a>	USCV-5 (US Commercial Vehicles)
Dec ??	Soyuz 5 / DM	??
??	Sunkar Federatsia (unmaned)	
??	<a href="#">Falcon 9</a>	GPS IIIA-9/GPS IIIB-1
??	<a href="#">Falcon 9</a>	GPS IIIA-10/GPS IIIB-2
??	<a href="#">Proton-M/Briz-M</a>	Elektro L - 4
??	<a href="#">Proton-M/Briz-M</a>	Elektro L - 5
??	<a href="#">Soyuz-2</a> -1B/ <a href="#">Fregat</a> -M	Smotr R №2
??	<a href="#">Soyuz-2</a> -	Razdan 2
??	<a href="#">Soyuz-2</a> -1B/ <a href="#">Fregat</a> -M	Resurs PM - 1
??	<a href="#">Ariane 5</a>	Moon's south pole samples return mission
??	<a href="#">Ariane 5</a>	Comsat NG 2 (Syracuse 4B)
??	Vega_CSpace Rider flight 1	
??	Vega_CSpace Rider flight 2	
??	<a href="#">Vega</a> C	CryoSat FO
??	CZ	Xuntian (Two Meter Space Telescope)
??	CZ	HY-3C Haiyang-3C

## 2023.

Jan??	<a href="#">Soyuz-2</a>	<a href="#">Progress MS</a> 23
Apr??	<a href="#">Soyuz-2</a> -1A	<a href="#">Soyuz MS</a> 24
??	CZ7	TZ 5 Tianzhou 5 (Logistic Cargo Vechile)
??	CZ-2F/G	SZ-16 Shenzhou-16
June??	<a href="#">Atlas 5</a> 402 / <a href="#">Falcon 9</a>	USCV-6 (US Commercial Vehicles)
July??	<a href="#">Soyuz-2</a>	<a href="#">Progress MS</a> 24
??	<a href="#">Ariane 5</a>	MTG-S2/Sentinel-4A
Oct??	<a href="#">Soyuz-2</a> -1A	<a href="#">Soyuz MS</a> 25
Nov??	<a href="#">Soyuz-2</a>	<a href="#">Progress MS</a> 25



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Dec??	<a href="#">Atlas 5</a> 402 / <a href="#">Falcon 9</a>	USCV-7 (US Commercial Vehicles)
??	SLS Block IA II	Orion: Exploration Mission 3 (Crew to Cislunar)
??	Sunkar Federatsia (unmanned flight to ISS)	
??	A Russian <a href="#">Proton/Briz-M</a> (or Angara) rocket to launch the <a href="#">Laplas-P</a> mission to orbit the moon of Jupiter Ganymede.	
??	<a href="#">Proton-M/Briz-M</a>	Ekspress – AT3, AT4
??	<a href="#">Soyuz-2-1B/Fregat-M</a>	Resurs PM - 3
??	<a href="#">Angara</a> 1.2	<a href="#">Gonets</a> x 3
??	<a href="#">Soyuz-2-1B</a>	Obzor R -2
??	<a href="#">Soyuz-2-1B</a>	Obzor O -1
??	<a href="#">Soyuz-2-1B/Fregat-M</a>	Ellips - 1
??	<a href="#">Angara</a> A5P/DM03	Dopler 1, 2
??	<a href="#">Soyuz-2-1B/Fregat-M</a>	Meteor M No2-5
??	<a href="#">Soyuz-2-1B/Fregat-M</a>	Arktika M 3
??	<a href="#">Soyuz-2-1B/Fregat-M</a>	Resurs PM - 2
??	<a href="#">Proton-M/Briz-M</a>	Space Drone x2
??	<a href="#">Proton-M/Briz-M</a>	Inmarsat-6 F2
??	<a href="#">Proton-M/Briz-M</a>	Kosmos
??	<a href="#">Proton-M</a>	НЭМ-1
??	<a href="#">Proton-M/Briz-M</a>	Ekspress – AMU 5
??	<a href="#">Proton-M/Briz-M</a>	Ekspress – AMU 6
??	<a href="#">Proton-M/Briz-M</a>	Ekspress – RV 3, Ekspress – RV 4
??	<a href="#">Proton-M/Briz-M</a>	Yenisey A1
??	<a href="#">Proton-M/Briz-M</a>	Ямал-501
??	<a href="#">Proton-M/Briz-M</a>	Ямал-GK-1
??	<a href="#">Proton-M</a>	PTK NP
??	<a href="#">Proton-M/Briz-M</a>	Ekspress-RV1, Ekspress-RV2
??	<a href="#">Proton-M/Briz-M</a>	Anik G2V
??	<a href="#">Proton-M/Briz-M</a>	Luch-5VM 1
??	<a href="#">Proton-M/Briz-M</a>	Luch-5VM 2
??	<a href="#">Vega</a> C Space Rider 3	
??	<a href="#">Vega</a> C Space Rider 4	
??	<a href="#">Soyuz ST</a> B/ <a href="#">Fregat</a> -MT	Sentinel-1C
??	CZ	SPORT (Solar Polar Orbit Radio Telescope)
??	CZ	FY-4D Fengyun-4D
??	CZ	Chang'e-7 (Moon south pole landing)
??	CZ-3B/G2	Palapa N1R
??	<a href="#">GSLV</a> MK III	Shukrayaan (Venus orbiter)
??	<a href="#">Angara</a> A5P/DM03	Luch 5 – 2
??	<a href="#">Soyuz-2-1b</a>	Bion-M No. 2
??	<a href="#">Angara</a> A5P/DM03	Luch 5 – 3
??	??	Ямал GK 2
??	<a href="#">Soyuz-2</a> 1a / <a href="#">Fregat</a>	<a href="#">Luna 26</a> (Luna-Resurs OA)



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## 2024

Jan??	<a href="#">Soyuz-2</a>	<a href="#">Progress MS</a> 26
Feb??	<a href="#">Delta IV-H</a>	NROL-70
Mar??	<a href="#">Soyuz-2</a>	<a href="#">Progress MS</a> 27
Apr??	<a href="#">Soyuz-2-1A</a>	<a href="#">Soyuz MS</a> 26
June??	<a href="#">Atlas 5</a> 402 / <a href="#">Falcon 9</a>	USCV-8 (US Commercial Vehicles)
??	CZ7	TZ 6 Tianzhou 6 (Logistic Cargo Vehicle)
Sep??	<a href="#">GSLV</a> MK III	Mangalyaan – 2 Mars Orbiter
Oct??	<a href="#">Soyuz-2-1A</a>	<a href="#">Soyuz MS</a> 27
Oct??	EELV	GOES-U
Dec??	<a href="#">Atlas 5</a> 402 / <a href="#">Falcon 9</a>	USCV-9 (US Commercial Vehicles)
??	SLS-1	Artemis-3 Orion (EM-3 Crew to Gateway with landing on Moon)
??	Sunkar	Federatsia (Light 14t – 2 man to ISS)
??	<a href="#">Proton-M</a> / DM-03	Spektr - UF
??	<a href="#">Soyuz-2-1B/Fregat-M</a>	Resurs PM - 4
??	<a href="#">Angara</a> 1.2	<a href="#">Gonets</a> x 2, Gonets M
??	<a href="#">Soyuz-2-1B/Fregat-M</a>	Arktika M 4
??	??	Ямал GK VEO 1
??	<a href="#">Soyuz-2-1A</a>	Obzor P -1
??	<a href="#">Soyuz-2-1B/Fregat-M</a>	Razdan - 3
??	<a href="#">Soyuz-2-1B/Fregat-M</a>	Meteor M No2-6
??	??	DYNAMIC/STP-06
??	CZ	Asteroid (Ceres) Sample Return Mission
??	<a href="#">CZ-5</a>	Chang'e-6 Moon polar area sample return
??	Lapan	Pengorbitan-1 (RPS-01) (Indonesia)

## 2025

June??	<a href="#">Atlas 5</a> 402 / <a href="#">Falcon 9</a>	USCV-10 (US Commercial Vehicles)
??	SLS-1B Artemis-4	Orion (EM-4 Crew to Gateway with landing on Moon)
Aug??	<a href="#">Soyuz-2</a> 1b	Luna 27 (Luna-Resurs PA) Testing an adaptive landing mode with a radio-beacon; delivering a rover
Dec??	<a href="#">Atlas 5</a> 402 / <a href="#">Falcon 9</a>	USCV-11 (US Commercial Vehicles)



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??	SLS Block IA II	Orion: Exploration Mission 5 (Crew to Cislunar)
??	<a href="#">Soyuz-2-1A</a>	<a href="#">Soyuz MS 28</a>
??	SLS Block I	Europa Clipper
??	<a href="#">Soyuz-2 1b</a>	Luna28 (Luna-Grunt-1) delivering a new-generation rover for gathering, analysis and uploading of samples
??	<a href="#">Soyuz-2-1B/Fregat-M</a>	Resonans 2A, 2B, MKA-PN5
??	??	Ямал GK VEO 2
??	??	Ямал GK VEO 3
??	<a href="#">Angara 1.2</a>	<a href="#">Gonets</a> x 3
??	<a href="#">Soyuz-2-1B/Fregat-M</a>	Arktika M 5
??	<a href="#">Soyuz-2-1B</a>	Obzor O -2
??	<a href="#">Soyuz-2-1B</a>	Bion-M No. 3

## 2026.

June??	<a href="#">Atlas 5</a> 402 / <a href="#">Falcon 9</a>	USCV-12 (US Commercial Vehicles)
Dec??	<a href="#">Atlas 5</a> 402 / <a href="#">Falcon 9</a>	USCV-13 (US Commercial Vehicles)
??June??	<a href="#">Angara</a> A5P/KVTK	A mission to Venus ( <i>Venera D</i> ) would be launched
??	SLS-1B Artemis-5	Orion (EM-5 Crew to Gateway with landing on Moon)
??	SLS-1B Artemis-6	Orion (EM-6 Crew to Gateway with landing on Moon)
??	CZ	Jupiter Orbiter
??	CZ	Mars Sample Return
??	CZ	Chang'e-8 (Moon north pole landing)
??	<a href="#">Angara</a> A5/DM03	Bumerang (FobosGrunt 2)

## 2027.

June??	<a href="#">Atlas 5</a> 402 / <a href="#">Falcon 9</a>	USCV-14 (US Commercial Vehicles)
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## 2069.

??	??	<a href="#">Interstellar mission</a>
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