



# Blog Gorana Hudeca

## Predstojeća lansiranja u Svemir (25.1.2021.)

2021.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in red. Last change on 25. Jan. 2021.

**Jan29. 1300UTC Falcon 9 Starlink L17**

Launch site: [Cape Canaveral](#), USA

Jan?? CZ-6 Satellogic sats

Launch site: [Taiyuan](#), China

Jan?? JL-1 (Y2) Hainan-1, 4

Launch site: [Wenchang](#), China

Jan?? [KZ-1A](#) Jilin-1, Gaofen-02F

**Feb04. CZ-4C Yaogan Weixing -31 Group-2**

Launch site: [Jiuquan](#), China 180

**Feb05. CZ-3B/G2 Tianhui??**

Launch site: [Xichang](#), China

**Feb10. Simrogh Pars-1 or Nahid-2**

Launch site: [Semnan](#), Iran

**Feb15. Soyuz-2 Progress MS 16**

Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

**Feb20. 1736UTC Antares 230 Cygnus OA-15**

Launch site: [Wallops Island](#), USA

**Feb25. Soyuz-2 B/Fregat-MT F5 OneWeb smalsat (x36)**

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

**Feb26. Atlas 5 551 STP-03**

Launch site: [Cape Canaveral](#), USA

**Feb28. 0454UTC PSLV - DL (C51) Amazonia-1**

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

**Feb28. Falcon H AFSPC-44**

Launch site: [Cape Canaveral](#), USA

**Feb28. Soyuz-2-1B / Fregat Arktika-M No1**

Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

Feb?? CZ-6 Satellogic sats

Launch site: [Taiyuan](#), China

Feb?? Firefly Alpha first flight

Launch site: [Vandenberg](#), USA

Feb?? [Electron F19](#) Gunsmoke - J



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Launch site: [Kaitorete Spit](#), New Zeland

Feb?? [Falcon 9](#) SARah 1  
Feb?? [Falcon 9](#) Starlink L18

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

?? [GSLV](#) F10 GISAT 1  
Launch site: [Satish Dhawan Space Centre](#), Sriharikota, India

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

?? [Soyuz-2-1A/Fregat](#) 14F01 (Neutron)  
Launch site: Плесецк ([Plesetsk](#)) Cosmodrome, Russia

?? [CZ-3B/G3](#) FY-4B Fengyun-4B  
?? Minotaur 1 NROL 111 160  
?? [Soyuz-2](#) 1B /[Fregat](#)-M Tundra (Kupol) 4  
?? [Soyuz-2](#)-1V Nivelir 3  
?? [Soyuz-2](#)-1B Pion  
?? [Soyuz-2](#)- Razdan 1  
?? [Soyuz-2](#) 1A [Bars-M](#) 3  
?? [Electron](#) F18 STP 27R  
?? [Soyuz-2](#) 1B /[Fregat](#)-M Glonass K1 / 16

**Mar20.** [Soyuz-2 B /Fregat-M](#) **CAS500-1; +**  
Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

**Mar29.** [Atlas 5](#) 422 (AV082) CST-100 Starliner unmaned test  
Launch site: [Cape Canaveral](#), USA

Mar?? [CZ-5B](#) Y2 Tian He Space Station Core Module

Mar?? CZ-6 Satellogic sats  
Launch site: [Taiyuan](#), China

Mar?? [Atlas 5](#) 411 SBIRS-GEO 5  
Mar?? [Soyuz-2](#) B/[Fregat](#)-MT OneWeb smalsat (x32)  
Mar?? [GSLV](#) MK II Chandrayan-3  
Mar?? [Atlas 5](#) 511 (AV-085) AFSPC-8 (GSSAP 5, GSSAP 6)  
Mar?? [CZ-7A](#) Y2 [XJY-6-2](#) Xinjishu Yanzheng-6-2

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

?? CZ-6 LC-16 Qilu-1, Qilu-4  
Launch site: [Taiyuan](#), China

?? [CZ-11](#) Fengtai Shaonian-02  
?? [CZ-2D](#) CAS 6 140  
?? CZ CBERS-SAR 1  
?? [CZ-4C](#) FY-3E Fengyun-3E  
?? CZ CBERS-6  
?? [KZ-1A](#) GeeSat-1A; GeeSat-1B



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??	??	EX-3	
??	JL-1 (Y2)		Yizheng-1, Yizheng-2 two 0,9 m resolution satellite
??	??		Xidian -1
??	CZ-6		HY-3A Haiyang-3A
??	<a href="#">CZ-4C</a>		Gaofen-3 (02)
??	CZ-6		2m resolution multispectral satellite

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

**Apr09.**      [Soyuz-2-1A](#)              [Soyuz MS 18](#)

CDR: Олэг Вікторович **Новіцкий** (Oleg **Novitsky**), Пётр Валерьевич **Дубров** (Pyotr **Dubrov**), Сергей Владимирович **Корсаков** (Sergei Vladimirovich **Korsakov**), Олег Артемьев

Apr??      [Falcon 9](#)              [Dragon v2](#) (USCV-2)

Cdr: Shane **Kimbrough**, Megan **McArthur**, Akihiko **Hoshide**, Thomas **Pesquet**

Apr??      Shuang Quxian-1 SQX-1 (Y2) Fangzhou-2

Launch site: [Jiuquan](#), China

Apr??      [Vega](#)      VV-18              Pleiades Neo 1

**Apr??**      CZ-7              TZ 2 Tianzhou 2 (Logistic Cargo Vehicle)

??      [GSLV](#) MK II F11              GSAT-10A

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

**??**      [Electron](#)/Photon              CAPSTONE (Cislunar Autonomous Positioning System Technology Operations and Navigation Experiment)

Launch site: [Wallops Island](#), USA

??	<a href="#">PSLV</a>		Oceansat-3A	
??	<a href="#">PSLV</a>		RISAT_1A	120
??	<a href="#">GSLV</a> MK II	F12	GISAT -2	
??	<a href="#">GSLV</a>		GSAT - 32	
??	SSLV	D2	Demo 2	
??	<a href="#">PSLV</a>		ScatSat, NovaSAR	
??	<a href="#">Delta IV</a> -H		NROL-82	
??	<a href="#">Soyuz-2</a> 1B / <a href="#">Fregat</a> -M		Resurs №4	

**May12.**      [Falcon 9](#) FT              [Dragon SpX-22](#)

**May??**      [Ariane 5](#) ECA              VA254 Eutelsat Quantum / Star One D2

Launch site: [Kourou](#), French Guiana

??      [PSLV](#)              HRSAT

??      [PSLV](#)              Cartosat-3B

??      [PSLV](#)              IRNSS-1J

??      [CZ-2D](#)              SJ-19 Shijian-19

**??**      [H-IIA](#)      Astro H2 (Hitomi-2), SLIM (Smart Lander for Investigating Moon)

**??**      [H-IIA](#) 204              Inmarsat-6 F1

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

**June30.**      [Soyuz-2](#)              [Progress MS 17](#)

June??      [Atlas 5](#) 422 (AV083)              CST-100 Starliner

CDR: Barry **Wilmore**, Michael **Fincke**, Nicole Aunapu **Mann**



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Launch site: [Cape Canaveral](#), USA

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

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??. - inaugural flight - Vega-C VV-19 Lares 2  
Launch site: [Kourou](#), French Guiana 100

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

?? [Soyuz-2](#) 1B /[Fregat](#)-M Tundra (Kupol) 5  
?? [Soyuz-2](#) 1B /[Fregat](#)-M Tundra (Kupol) 6  
?? [Soyuz-2](#)-1B/[Fregat](#)-M Glonass M / 61  
?? [Falcon 9](#) GPS IIIA-6  
?? [Soyuz-2](#) 1A [Bars-M](#) 4  
?? [Angara](#) A5/ DM 03(Persei) Kosmos  
?? [Soyuz-2](#)-1V ??  
?? [Soyuz-2](#)-1V ??  
?? [Angara](#) 1.2 Kosmos

**July01.** [Falcon 9](#) **GPS IIIA-5**

**July15.** [Proton-M](#) **MLM**  
Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

July?? Vulcan/Minotaur 6/[Falcon 9](#) v1.1 JPSS-2  
July?? GSLV-Mk III. Gaganyaan-2  
July?? [Antares](#) 230 [Cygnus](#) OA-16

?? [Soyuz ST](#) B/[Fregat](#)-MT EarthCare

Aug?? [Atlas 5](#) 551 AFSPC-12 (WFOV (Wide Field of View Testbed missile-warning satellite))

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

Aug?? [Soyuz-2](#)-1B/[Fregat](#)-M Meteor M No2-3  
Aug?? [Ariane 5](#) VA255 SES-17 / [Ovzon3](#) 80  
Aug?? CZ7 TZ 3 Tianzhou 3 (Logistic Cargo Vehicle)

?? [Proton-M](#)/[Briz-M](#) Luch-5VM 1

**Sep01.** [Falcon 9](#) FT [Dragon](#) SpX-23

**Sep12.** [Falcon 9](#) [Dragon v2](#) USCV-3 (US Commercial Vehicles)  
CDR: Thomas **Marshburn**, Raja **Chari**, Kayla **Barron**, Mathias **Maurer** (ESA)

Sep?? CZ-2F/G SZ-13 Shenzhou-13

Sep?? [Soyuz ST](#) B/[Fregat](#)-MT MetOp-SG A1/EPS-SG-a/Sentinel-5A  
Sep?? [Falcon 9](#) SWOT



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- Sep?? [Falcon 9](#) OHB SARah 2/3  
 Sep?? [Soyuz ST](#) Galileo-FOC FM23, Galileo-FOC FM24
- ?? [Delta IV-H](#) NROL-91  
 ?? [Soyuz-2](#) 1B / [Fregat-M](#) Glonass K1 / 17
- Oct01.** [Soyuz-2 1a](#) / [Fregat](#) **Luna 25 (Luna-Glob-1)**  
 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**), Дмитрий Александрович Петелин (**Dmitriy Aleksandrovich Petelin**)
- Oct16.** [Atlas 5](#) 401 **Lucy**
- Oct28.** [Soyuz-2](#) [Progress MS 18](#)
- Oct31.** [Ariane 5](#) ES **VA256** **JWST (James Webb Space Telescope)**
- Oct31.** [Angara](#) 1.2 **Kompsat-6**
- Oct?? [Falcon 9](#) [Dragon v2](#) Axiom 1 Crew Dragon  
 Cdr: Michael **Lopez-Alegria**, Thomas **Cruise**, Eytan **Stibbe**, Doug **Liman**
- Oct?? [Atlas 5](#) 401/[Falcon 9](#) v1.1 JPSS Free Flyer 2 (TSIS-2)  
 Oct?? [Vega](#) C CERES (x3) **60**
- ?? 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).
- Nov15.** [Falcon 9](#) FT **Dragon SpX-24**
- Nov17.** [Soyuz-2](#) [Progress MS 19](#)
- Nov24.** [Soyuz-2](#) 1B **Progress M-UM**
- Nov?? SLS-1 Artemis-1 Orion (unmanned trip around the Moon) Exploration Mission 1  
 (Distant Retrograde Orbit (DRO) Tactical DRM)
- Nov?? [Falcon 9](#) IXPE (Imaging X-ray Polarimetry Explorer)
- ?? [PSLV](#) EnMAP  
 ?? [Proton-M/Briz-M](#) Ekspress AMU 3 / Ekspress AMU 7  
 ?? [Vega](#) Cosmo-SkyMed Secon Gen 2 CSG-2  
 ?? [Soyuz-2-1B/Fregat-M](#) Glonass K2 / 13
- 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**),
- Dec?? GSLV-Mk III. Gaganyaan-3  
 Dec?? [Falcon 9](#) NROL-85 Intruder 13A713B  
 Dec?? [Falcon 9](#) NROL-87  
 Dec?? [Ariane 5](#) VA257 ViaSat 3 EMEA / Comsat NG 1 (Syracuse 4A)



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??	<a href="#">Atlas 5</a>	552	Dream Chaser Cargo System SNC-2	
??	<a href="#">Atlas 5</a>	551	Asteroid Retrieval Spacecraft (ARS)	
??	<a href="#">Falcon H</a>		ViaSat 3	
??	??		Seosat-Ingenio-2	40
??	<a href="#">Falcon 9</a>		GPS IIIA-7	
??	<a href="#">Falcon 9</a>		GPS IIIA-8	
??	<a href="#">Soyuz-2</a>	1A	Energiya-100	
??	<a href="#">Soyuz-2-1B/Fregat-M</a>		Meteor M No2-4	
??	<a href="#">Soyuz-2-1B/Fregat-M</a>		Smotr R №1	
??	<a href="#">Soyuz-2-1B/Fregat-M</a>		Arktika M 2	
??	<a href="#">Soyuz-2-1B/Fregat-M</a>		Kondor-FKA n.º 2	
??	<a href="#">Soyuz-2</a>	1B / <a href="#">Fregat-M</a>	Resurs №5	
??	<a href="#">Angara</a>	A5/ <a href="#">Briz-M</a>	Luch 5M	
??	<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	20
??	<a href="#">Soyuz ST</a>	B/ <a href="#">Fregat</a> (VS26)	OneWeb smalsat (x34)	
Launch site: <a href="#">Kourou</a> , French Guiana				
??	<a href="#">Soyuz-2</a>	B/ <a href="#">Fregat</a>	OneWeb smalsat (x36)	
Launch site: Восточный ( <a href="#">Vostochniy</a> ) Cosmodrome, Russia				
??	<a href="#">Soyuz-2</a>	B/ <a href="#">Fregat</a>	OneWeb smalsat (x34)	
??	<a href="#">Soyuz-2</a>	B/ <a href="#">Fregat</a>	OneWeb smalsat (x36)	
??	<a href="#">Soyuz-2B/Fregat</a>		OneWeb smalsat (x36)	
??	<a href="#">Soyuz-2</a>	B/ <a href="#">Fregat</a>	OneWeb smalsat (x36)	
??	<a href="#">Soyuz-2</a>	B/ <a href="#">Fregat</a>	OneWeb smalsat (x34)	
??	<a href="#">Soyuz-2</a>	B/ <a href="#">Fregat</a>	OneWeb smalsat (x34)	
??	<a href="#">CZ-3B/G2</a>		TCSTAR 1	
??	CZ		Venus Global Sensing Probe	
??	??		Sansha-1 (1)	
??	??		Sansha-1 (2)	
??	<a href="#">CZ-4C</a>		HY-3B Haiyang-3B	



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??            ??            Hainan-1 (5)  
 ??            ??            Hainan-1 (6)  
 ??            ??            Sanya-1 (1)  
 ??            ??            Sanya-1 (2)

??    [Safir 1 B](#)        Tadbir  
 ??    Safir 3A         Pars sepher

6 + 184

## 2022.

Jan??            [Atlas 5](#) 402            CST 100 Starliner 1  
 Cdr: Sunita **Williams**, Josh **Cassada**, Jeanette **Epps** , Koichi **Wakata**

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

??            [CZ-5](#) B Wentian Lab module    Space station module  
 ??            [Atlas 5](#) 552            Dream Chaser Cargo System SNC-1  
 ??            [Proton-M/Briz-M](#)            Elektro L - 4  
 ??            [Ariane 5](#) ECA            GSAT-20  
 ??            [Ariane 5](#)                MTG-I1

**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: Олег Германович **Артемьев** (Oleg Germanovich **Artemyev**),

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

??            CZ-2F/G            SZ-14 Shenzhou-14  
 ??            [Ariane 5](#)            Arsat 3  
 ??            [Ariane 5](#)            ViaSat-3 Asia  
 ??            [Ariane 5](#) ECA            EDRS-D

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

??            CZ-7            TZ 4 Tianzhou 4 (Logistic Cargo Vechile)  
 ??            [CZ-5](#) B Mengtian Lab module    Space station module  
 ??            CZ-2F/G            SZ-15 Shenzhou-15  
 ??            Ariane 62            Galileo-FOC FM25, Galileo-FOC FM26  
 ??            Ariane 62            CSO-3

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

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



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June??	Ariane 5	MTG-I2	
June??	<a href="#">Atlas 5</a> 402	USCV-4 (US Commercial Vehicles)	
??	SLS-1	Artemis-2	Orion (manned trip around the Moon)
July??	<a href="#">Soyuz-2</a>	<a href="#">Progress MS</a> 21	
??	Sunkar ??		
Aug??	H2B	Phobos sample return	
Aug??	<a href="#">Atlas 5</a> 411	SBIRS-GEO 6	

**Sept20.** [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

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

Oct?? [Vega](#) C Biomass

?? [Soyuz-2](#)-1A [Soyuz MS](#) 23  
Cdr: Прокопьев,

Nov?? [Soyuz-2](#) [Progress MS](#) 22

**Dec15.** [Falcon 9](#) **PACE (Plankton, Aerosol, Cloud, ocean Ecosystem)**

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 (unmanned)

??	<a href="#">Falcon 9</a>	GPS IIIA-9/GPS IIIB-1
??	<a href="#">Falcon 9</a>	GPS IIIA-10/GPS IIIB-2
??	??	ACE (Aerosol-Cloud-Ecosystems)

??	<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

?? [Proton-M/Briz-M](#) Space Drone x2

??	<a href="#">Ariane 5</a>	Heinrich Hertz
??	<a href="#">Soyuz ST</a> B/ <a href="#">Fregat</a> -MT	CSO 2 (Composante Spatiale Optique-2) 20
??	<a href="#">Soyuz-2</a> B/ <a href="#">Fregat</a> -MT	OneWeb smalsat (x32)

?? Ariane 62 OneWeb  
Launch site: [Kourou](#), French Guiana

?? [Vega](#) C CNES/UAE Mars mission





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??	<a href="#">Vega</a> -C	Pleiades Neo 3, Pleiades Neo 4
??	<a href="#">Ariane 5</a>	Moon's south pole samples return mission
??	<a href="#">Ariane 5</a>	Comsat NG 2 (Syracuse 4B)
??	<a href="#">Vega</a> _C	Space Rider flight 1
??	<a href="#">Vega</a> _C	Space Rider flight 2
??	<a href="#">Vega</a>	C CryoSat FO
??	<a href="#">Vega</a>	OpSis
??	<a href="#">Vega</a>	SSMS - 2 (Small Spacecraft Mission Service)
??	<a href="#">Vega</a>	Proba 3
??	<a href="#">Vega</a>	C KOMPSAT 7
??	CZ	HY-3C Haiyang-3C
??	CZ	FY-3F Fengyun-3F (Batch 2)
??	CZ	FY-3 Fengyun-3 RM-2
??	CZ	FY-3G Fengyun-3G (Batch 2)
??	CZ	FY-4C Fengyun-4C
??	CZ	<b>Advanced Space-Based Solar Observatory (ASO-S)</b>

## 2023.

Jan??	<a href="#">Soyuz-2</a>	<a href="#">Progress MS</a> 23
??	<a href="#">Proton-M/Briz-M</a>	Elektro L - 5
Apr??	<a href="#">Soyuz-2</a> -1A	<a href="#">Soyuz MS</a> 24
	Cdr: Oleg <b>Artmeyer</b> , Mukhtar <b>Aymakhanov</b>	
??	CZ-7	TZ 5 Tianzhou 5 (Logistic Cargo Vehicle)
??	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
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)
??	<a href="#">Angara</a> <b>Opel</b>	(unmanned flight to ISS)
??	<a href="#">Proton-M/Briz-M</a>	Ekspress - AT3, AT4
??	<a href="#">Soyuz-2</a> -1B/ <a href="#">Fregat</a> -M	Resurs PM - 3
??	<a href="#">Angara</a> 1.2	<a href="#">Gonets</a> x 3
??	<a href="#">Soyuz-2</a> -1B	Obzor R - 2
??	<a href="#">Soyuz-2</a> -1B	Obzor O - 1
??	<a href="#">Soyuz-2</a> -1B/ <a href="#">Fregat</a> -M	Ellips - 1
??	<a href="#">Angara</a> A5P/DM03	Dopler 1, 2



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??	<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>	Ekspress AMU 4
??	<a href="#">Proton-M/Briz-M</a>	??
??	<a href="#">Proton-M/Briz-M</a>	??
??	<a href="#">Ariane 5</a> VA254	MTG-S1/Sentinel-4A
Launch site: <a href="#">Kourou</a> , French Guiana		
??	<a href="#">Vega C</a>	Space Rider 3
??	<a href="#">Vega C</a>	Space Rider 4
??	<a href="#">Soyuz ST B/Fregat-MT</a>	Sentinel-1C
??	CZ	SPORT (Solar Polar Orbit Radio Telescope)
??	CZ	FY-4D Fengyun-4D
??	CZ	Chang'e-7 (Moon south pole landing)
??	<a href="#">CZ-3B/G3</a>	Palapa N1R
??	<a href="#">Angara</a> A5P/DM03	Lutch 5 – 2
??	<a href="#">Soyuz-2-1b</a>	Bion-M No. 2
??	<a href="#">Angara</a> A5P/DM03	Lutch 5 – 3
??	??	Ямал GK 2
??	<a href="#">Soyuz-2</a> 1a / <a href="#">Fregat</a>	<a href="#">Luna 26</a> (Luna-Resurs OA)

## 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)
??	CZ-7	TZ 6 Tianzhou 6 (Logistic Cargo Vehicle)
Sep??	<a href="#">GSLV</a> MK III	Mangalyaan – 2 Mars Orbiter
<b>Oct01.</b>	<b>Falcon-9</b>	<b>IMAP/STP-05 (Interstellar Mapping and Acceleration Probe) [STP-05 - Solar-Terrestrial Probes-05]</b>
Oct??	<a href="#">Soyuz-2-1A</a>	<a href="#">Soyuz MS</a> 27
Oct??	EELV	GOES-U
??	<a href="#">Proton-M</a>	НЭМ-1
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)



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??	Sunkar	Federatsia (Light 14t – 2 man to ISS)
??	<a href="#">Soyuz-2-1B/Fregat-M</a>	Resurs PM - 4
??	<a href="#">Angara 1.2</a>	<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
??	<a href="#">Proton-M/Briz-M</a>	Ямал-501
??	<a href="#">Proton-M/Briz-M</a>	Luch-5VM 2
??	<a href="#">Proton-M/Briz-M</a>	??
??	<a href="#">Proton-M/Briz-M</a>	??
??	??	DYNAMIC/STP-06
??	CZ	Asteroid (Ceres) Sample Return Mission
??	<a href="#">CZ-5</a>	Chang'e-6 Moon polar area sample return
??	CZ	Xuntian (Two Meter Space Telescope)
??	<a href="#">GSLV</a> MK III	Shukrayaan (Venus orbiter)
??	Lapan	Pengorbitan-1 (RPS-01) (Indonesia)
<b>2025</b>		
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)
??	SLS Block IA II	Orion: Exploration Mission 5 (Crew to Cislunar)
??	<a href="#">Soyuz-2-1A</a>	<a href="#">Soyuz MS</a> 28
??	SLS Block I	Europa Clipper
??	<a href="#">Soyuz-2</a> 1b	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
??	<a href="#">Proton-M/Briz-M</a>	Ямал-502
??	<a href="#">Proton-M/Briz-M</a>	Anik G2V



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## 2026.

- June?? [Atlas 5](#) 402 / [Falcon 9](#) USCVC-12 (US Commercial Vehicles)
- Dec?? [Atlas 5](#) 402 / [Falcon 9](#) USCVC-13 (US Commercial Vehicles)
- ??June?? [Angara](#) A5P/KVTK A mission to Venus (*Venera D*) 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)
- ?? [Angara](#) A5/DM03 Bumerang (FobosGrunt 2)
- ?? A Russian [Proton/Briz-M](#) (or Angara) rocket to launch the [Laplas-P](#) mission to orbit the moon of Jupiter Ganymede.

## 2027.

- June?? [Atlas 5](#) 402 / [Falcon 9](#) USCVC-14 (US Commercial Vehicles)

## 2069.

- ?? ?? [Interstellar mission](#)