



Blog Gorana Hudeca

Predstojeća lansiranja u Svemir (22.6.2020.)

2020.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in **red**. Last change on **22.June.2020**.

June23. 0151UTC [Vega](#) (VV16) SSMS POC (Small Spacecraft Mission Service Proof Of Concept)
Launch site: [Kourou](#), French Guiana

June23. 0215UTC [CZ-3B/YZ-1](#) [Beidou 3](#) G3Q
Launch site: [Xichang](#), China

June23. 2158UTC [Falcon 9](#) [Starlink](#) f10
Launch site: [Cape Canaveral](#), USA

June30. 1955UTC [Falcon 9](#) [GPS IIIA-3](#)
Launch site: [Cape Canaveral](#), USA

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

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

June?? KZ-11 Xiaoxiang-4 Jilin-1 (2A), gamma ray burst detection micro satellite,
Xianrikui-1A, Xianrikui-1B, Yijian Duoxing, Xingyun-1 (01,02)
Launch site: [Jiuquan](#), China

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

June?? [PSLV](#) (C49) RISAT-2BR2 + 4 Kleos + 4 Spiresats
Launch site: [Satish Dhawan Space Centre](#), Sriharikota, India

June?? CZ-2C Yaogan Weixing-30 Group-07 'Chuangxin-5 (19/21)

?? ?? Xidian -1
?? [CZ-3B/G3](#) Tiantong-1 (02) **120**
?? CZ-2F/G ?Experimental Spaceplane

July02. 2100UTC [Electron](#) **CE-SAT 1B, Flock-4v (x5), Faraday-1**
Launch site: [Kaitorete Spit](#), New Zeland

July14. 2051UTC [H-IIA](#) AI Almal [Hope](#) (UAE mission to Mars)
Launch site: [Tanegashima](#), Japan

July15. Minotaur IV NROL 129
Launch site: [Wallops Island](#), USA

July20. 1305UTC [Atlas 5](#) (541) [Mars 2020 rover](#)
Launch site: [Cape Canaveral](#), USA

July20. Rocket v3.0 DARPA Launch Challenge 1
Launch site: [Pacific spaceport complex Alaska](#), USA



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July23. [CZ-5](#) Y4 **TW-1 Tianwen-1** [Mars probe](#) (orbiter + lander + rover)
Launch site: [Wenchang](#), China

July23. [Soyuz-2](#) [Progress MS 15](#)
Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

July28. [Ariane 5](#) VA253 **Galaxy 30 / MEV-2**
Launch site: [Kourou](#), French Guiana

July29. [Soyuz-2-1B/Fregat-M](#) **Glonass K1 / 15L**
Launch site: [Плесецк \(Plesetsk\)](#) Cosmodrome, Russia

July30. [Proton-M/Briz-M](#) **Ekspress 80, Ekspress 103**
Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

July?? [CZ-3B/E](#) Apstar-6D
Launch site: [Xichang](#), China

July??	CZ-6A	Satelllogic (1-13)	
July??	CZ-2D	Shiyan Weixing-6 (02), Chuangxin-3A (02)	
July??	PSLV C51	RISAT_1A	
July??	SSLV D2	Demo 2	
July??	Soyuz-2 1A	Bars-M 3	
July??	Electron	Capella Whitney	
July??	CZ-3B/G3	FY-4B Fengyun-4B	
July??	Falcon 9	Anasis II	100
July??	CZ-4B	HY-3B Haiyang-3B	

?? [Falcon 9](#) SAOCOM-1B, SAOCOM-1C
Launch site: [Cape Canaveral](#), USA

??	Falcon 9	SiriusXM SX7
??	PSLV	Cartosat-3B
??	PSLV	IRNSS-1J
??	Falcon 9	Starlink f11
??	Falcon 9	Starlink f12

Aug02. 0427UTC [Falcon 9](#) **SiriusXM SX8**
Launch site: [Cape Canaveral](#), USA

Aug14. **Cosmic Girl / LauncherOne Launch 1** **ELaNaXX**
Launch site: [Spaceport America](#), USA

Aug25. 0052UTC [Vega](#) **VV-17 Seosat (Ingenio), TARANIS**
Launch site: [Kourou](#), French Guiana

Aug26. [Delta IV-H](#) **NROL-44**

Aug?? Firefly Alpha first flight
Launch site: [Vandenberg](#), USA

Aug??	Falcon 9		GPS IIIA-4
Aug??	GSLV MK II	F12	GISAT -2
Aug??	CZ-8		Taihu -1
Aug??	JL-1 (Y2)		Yizheng-1 , Yizheng-2 two 0,9 m resolution satelites



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Aug?? [PSLV](#) (C50) Oceansat-3A
 Aug?? [GX-1](#) ??

Sep07. [Antares 230](#) [Cygnum OA-14](#)
 Launch site: [Wallops Island](#), USA

Sep20. [Soyuz-2 1B /Fregat-M](#) [Gonets x 3 \(No 27,28,29\)](#)
 Launch site: [Плесецк \(Plesetsk\) Cosmodrome, Russia](#)

Sep?? CZ CBERS-6
 Sep?? ?? GOES-T (National Security Space Launch program) 80
 Sep?? [Atlas 5](#) 531 NROL-101
 Sep?? [PSLV](#) Amazonia
 Sep?? [Soyuz-2 B /Fregat-M](#) CAS500-1; +
 Sep?? CZ-6 5m resolution multispectral satellite
 Sep?? [PSLV](#) HRSAT

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

Oct14. [Falcon 9](#) [Dragon v2 \(USCV-1\)](#)
 Cdr: Victor **Glover**, Mike **Hopkins**, Soichi **Noguchi**, Shannon **Walker**

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

?Oct21. - inaugural flight - Vega-C VV-18 Lares 2
 Launch site: [Kourou](#), French Guiana

Oct30. [Falcon 9 FT](#) [Dragon SpX-21](#)
 Launch site: [Cape Canaveral](#), USA

Oct?? JL-1 Hainan-1 (4)
 Oct?? CZ-6 2m resolution multispectral satellite
 ?? [Falcon 9](#) SARah 1
 ?? [Ariane 5](#) ECA Eutelsat Quantum / Star One D2

Nov03. [Angara A5/ DM 03\(Persei\)](#) Kosmos

Nov06. [Soyuz-2 ST \(VS25\)](#) CSO-2
 Launch site: [Kourou](#), French Guiana

Nov10. [Falcon 9](#) Jason – Sentinel 6A
 Launch site: [Cape Canaveral](#), USA

Nov13. [Atlas 5 422 \(AV082\)](#) CST-100 Starliner unmaned test 60

Nov24. [Ariane 5 VA254](#) MTG-S1/Sentinel-4A

?? [Delta IV-H](#) NROL-82
 ?? [Atlas 5](#) 551 AFSPC-8 (GSSAP 5, GSSAP 6)
 ?? Minotaur 1 NROL 111
 ?? [CZ-3B/G3](#) Tiantong-1 (03)
 ?? [Soyuz-2 1B /Fregat-M](#) Glonass K1 / 16



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Dec04. [CZ-5](#) **Y5** **Chang'e-5 (Sample return)**

Launch site: [Wenchang](#), China

Dec09. [Soyuz-2-1B](#) / **Fregat** **Arktika-M No1**

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

Dec11. [Soyuz-2](#) [Progress MS 16](#)

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

Dec15. [Soyuz-2 ST](#) **Galileo-FOC FM23, Galileo-FOC FM24**

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

??Dec?? 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).

Dec?? [Soyuz-2](#) 1B /[Fregat](#)-M Tundra (Kupol) 4

?? [KZ-1A](#) GeeSat-1A; GeeSat-1B

?? ?? PACE

?? ?? EX-4

?? ?? ACE

?? ?? HypIRI

?? Antares IMAP/STP-05

?? [Falcon H](#) ViaSat 3

?? [Atlas 5](#) 551 STP-03 40

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

?? Rocket v3.0 DARPA Launch Challenge 2

Launch site: [Pacific spaceport complex Alaska](#), USA

?? [Soyuz-2-1A/Fregat](#) 14F01 (Neutron)

Launch site: Плесецк ([Plesetsk](#)) Cosmodrome, Russia

?? [Soyuz-2](#) 1B /[Fregat](#)-M Tundra (Kupol) 5

?? [Soyuz-2](#) 1B /[Fregat](#)-M Tundra (Kupol) 6

?? [Soyuz-2-1B/Fregat](#)-M Glonass M / 61

?? [Soyuz-2](#) 1A [Bars-M](#) 4

?? [Soyuz-2-1B](#) Pion

?? [Soyuz-2-](#) Razdan 1

?? [Soyuz-2-1V](#) ??

?? [Soyuz-2-1V](#) ??

?? [Soyuz-2-1V](#) ??

?? [Angara](#) 1.2 Kosmos

?? CZ FY-4C Fengyun-4C

?? CZ HY-3B Haiyang-3B

?? ?? Hainan-1 (5)

?? ?? Hainan-1 (6)



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??	??	Sanya-1 (1)	
??	??	Sanya-1 (2)	20
??	CZ	FY-3F Fengyun-3F (Batch 2)	
??	CZ	FY-3 Fengyun-3 RM-2	
??	CZ-2D	SJ-19 Shijian-19	
??	CZ-11	CAS-4A, CAS-4B	
Launch site: Taiyuan , China			
??	CZ-11	Fengtai Shaonian-02	
??	CZ-2D	CAS 6	
??	CZ	CBERS-SAR 1	
??	CZ-4C	FY-3E Fengyun-3E	
??	??	EX-3	
??	GSLV	MK II F11	GSAT-10A
Launch site: Satish Dhawan Space Centre , Sriharikota, India			
??	GSLV		GSAT - 32
??	PSLV		ScatSat, NovaSAR
??	PSLV		EnMap
??	PSLV	XL	Aditya'
??	H-IIA		Astro H2 (Hitomi-2), SLIM (Smart Lander for Investigating Moon)
??	H-IIA	204	Inmarsat-6 F1
??	H-IIA		JDRS-1
??	Safir 1 B		Tadbir
??	Safir 3A		Pars sepher

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2021.

Jan?? Vega-C VV-19 Pleiades Neo 1, Pleiades Neo 2
Launch site: [Kourou](#), French Guiana

?? [Ariane 5](#) ECA GSAT-20
?? [Falcon 9](#) GPS IIIA-5

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

Feb?? [Falcon 9](#) GPS IIIA-6
Feb?? [Falcon H](#) AFSPC-44 120
Feb?? [Soyuz-2 B/Fregat](#)-MT OneWeb smalsat (x34)
Feb?? [Antares](#) 230 [Cygnus](#) OA-15



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

?? [Ariane 5](#) Arsat 3
?? [Ariane 5](#) ViaSat-3 Asia
?? [Ariane 5](#) ECA EDRS-D

Mar20. [Soyuz-2](#) [Progress MS 17](#)

Mar31. [Ariane 5](#) ES **JWST (James Webb Space Telescope)**

Mar?? [Atlas 5](#) 411 SBIRS-GEO 5
Mar?? [Soyuz-2](#) B/[Fregat](#)-MT OneWeb smalsat (x32)

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

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

Apr09. [Soyuz-2-1A](#) [Soyuz MS 18](#)
Cdr: Николай Владимирович **Тихонов (Nikolai Tikhonov)**, Андрей Николаевич **Бабкин (Andrei Babkin)**, **xx**

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

Apr?? Ariane 62 Galileo-FOC FM23, Galileo-FOC FM24
Apr?? [Falcon 9](#) IXPE (Imaging X-ray Polarimetry Explorer)

?? [Soyuz-2](#) 1B /[Fregat](#)-M Resurs №4

May?? [Proton-M](#) MLM
Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

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

?? [CZ-5B](#) Y2 Tian He Space Station Core Module **100**
?? [Ariane 5](#) ViaSat 3 EMEA

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

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?? [Angara](#) 1.2 Kompsat-6
June?? [Falcon 9](#) FT [Dragon](#) SpX-23
June?? [Atlas 5](#) 402 USCV-2 (US Commercial Vehicles)

?? CZ7 TZ 2 Tianzhou 2 (Logistic Cargo Vehicle)
?? CZ-2F/G SZ-12 Shenzhou-12

?? [Soyuz-2](#) [Progress MS 19](#)
?? Ariane 62 Galileo-FOC FM25, Galileo-FOC FM26



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??	GSLV MK II	Chandrayan-3	
July??	Vulcan/Minotaur 6/ Falcon 9 v1.1	JPSS-2	
July??	Vega C	Biomass	
July??	GSLV-Mk III.	Gaganyaan-2	
??	Soyuz ST B/ Fregat -MT	EarthCare	
??	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	
Sep??	Falcon 9	OHB SARah 2/3	
Sep??	Atlas 5 552	Dream Chaser Cargo System SNC-1	80
??	Delta IV -H	NROL-91	
Oct01.	Soyuz-2 1a / Fregat	Luna 25 (Luna-Glob-1)	
Launch site: Восточный (Vostochniy) Cosmodrome, Russia			
Oct16.	Atlas 5 401	Lucy	
Oct??	Soyuz-2 -1A	Soyuz MS 19	
CDR: Олѐг Викторович Новицкий (Oleg Novitsky), Пѐтр Валерьевич Дубров (Pyotr Dubrov), Mukhtar Aymakhanov			
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	
??	Soyuz-2 1B	Progress M-UM	
??	Falcon 9	PACE	
Nov??	SLS-1	Artemis-1	Orion (unmanned trip around the Moon) Exploration Mission 1 (Distant Retrograde Orbit (DRO) Tactical DRM)
Dec??	Falcon 9	Dragon v2 USCV-3 (US Commercial Vehicles)	
CDR: Lindgren , ??(NASA), ??(RF)			
Dec??	Soyuz-2 -1A	Soyuz MS 20	
Dec??	Vega C	KOMPSAT 7	
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	60
??	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



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??	Falcon 9	GPS IIIA-7	
??	Falcon 9	GPS IIIA-8	
??	Soyuz-2	Progress MS 20	
??	Soyuz-2-1B/Fregat-M	Transformable Modul	TM
??	Proton-M/Briz-M	Ekspress AMU 3 / Ekspress AMU 7	
??	Proton-M/Briz-M	Elektro L – 4	
??	Proton-M/Briz-M	Space Drone x2	
??	Proton-M/Briz-M	Inmarsat-6 F2	
??	Proton-M/Briz-M	Kosmos	
??	Soyuz-2 1A	Energiya-100	
??	Soyuz-2-1B/Fregat-M	Meteor M No2-4	
??	Soyuz-2-1B/Fregat-M	Smotr R №1	
??	Proton-M/Briz-M	IntelSat	
??	Soyuz-2-1B/Fregat-M	Arktika M 2	
??	Soyuz-2-1B/Fregat-M	Kondor-FKA n.º 2	40
??	Soyuz-2 1B / Fregat-M	Resurs №5	
??	Angara A5/ Briz-M	Luch 5M	
??	Soyuz-2 1B / Fregat-M	Glonass K1 / 17	
??	Soyuz-2-1B/Fregat-M	Glonass K2 / 13	
??	Soyuz-2-1B/Fregat-M	Meteor M No2-3	
??	Soyuz-2-1A/Fregat-M	Gonets x 6	
??	Soyuz-2-1A/Fregat	Resonance 1A, Resonance 1B	RESONANCE is a project to study Earth's magnetosphere consisting of four similar satellites.
??	Soyuz-2-1B	Lotos S1	
??	Soyuz-2-1B	Persona	
??	Soyuz-2-1A	Kobalt M	
??	Soyuz-2-1A	Foton M	
??	Soyuz-2-1B/Fregat-M	Kondor-FKA n.º 1	
??	Soyuz-2-1B	Obzor R -1	
??	??	Zond	
??	??	MKA PN6 (Monika)	
??	??	Картограф-ОЭ №1	
??	Zenit 3 SL / Fregat-SB	Lybid'	
Launch site: Байконур (Baikonur) Cosmodrome, Kazakhstan			
??	Soyuz ST B/ Fregat (VS26)	OneWeb smalsat (x34)	
Launch site: Kourou , French Guiana			
??	Soyuz-2 B/ Fregat	OneWeb smalsat (x36)	
Launch site: Восточный (Vostochniy) Cosmodrome, Russia			
??	Soyuz-2 B/ Fregat	OneWeb smalsat (x34)	20
??	Soyuz-2 B/ Fregat	OneWeb smalsat (x36)	
??	Soyuz-2 B/ Fregat	OneWeb smalsat (x36)	
??	Soyuz-2 B/ Fregat	OneWeb smalsat (x36)	



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??	Soyuz-2 B/Fregat	OneWeb smalsat (x34)
??	Soyuz-2 B/Fregat	OneWeb smalsat (x34)
??	Ariane 5	Heinrich Hertz
??	Ariane 5	SES-17
??	Ariane 5	Comsat NG 1 (Syracuse 4A)
??	Soyuz ST B/Fregat-MT	CSO 2 (Composante Spatiale Optique-2)
??	Soyuz-2 B/Fregat-MT	OneWeb smalsat (x32)
??	Ariane 62	OneWeb
Launch site: Kourou , French Guiana		
??	Vega C CNES/UAE Mars mission	
??	Vega-C Pleiades Neo 3, Pleiades Neo 4	
??	CZ-3B/G2	TCSTAR 1
??	CZ	Venus Global Sensing Probe
??	CZ	FY-3G Fengyun-3G (Batch 2)
??	??	Sansha-1 (1)
??	??	Sansha-1 (2)
??	CZ-4B	HY-2C Haiyang-2C

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2022.

Jan??	??	Solar Sentinels
??	Soyuz-2	Progress MS 21
??	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.

Mar??	Atlas 5	NROL-107 Silentbaker
??	CZ7	TZ 3 Tianzhou 3 (Logistic Cargo Vechile)
??	CZ-2F/G	SZ-14 Shenzhou-14
Apr??	Soyuz-2-1A	Soyuz MS 21
CDR: Aleksandr Misurkin ,		
Apr??	CZ-3B/G2	LSTSAT (Nicasat 1)
??	CZ7	TZ 4 Tianzhou 4 (Logistic Cargo Vechile)
??	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)**



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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)
??	Sunkar ??		
??	Soyuz-2	Progress MS 20	
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: Anton Shkaplerov			
Oct??	Vega C Biomass		
??	Soyuz-2 -1A	Soyuz MS 23	
Cdr: Oleg Artemeyev ,			
Dec??	Soyuz ST B/ Fregat -MT	MetOp-SG B1	
Dec??	Vega C	FLEX (Fluorescence Explorer satellite)	
Dec??	Delta IV -H	NROL-68	
Dec??	Atlas 5 402 / Falcon 9	USCV-5 (US Commercial Vehicles)	
Dec ??	Soyuz 5 / DM	??	
??	Sunkar Federatsia (unmaned)		
??	Soyuz-2	Progress MS 21	
??	Falcon 9	GPS IIIA-9/GPS IIIB-1	
??	Falcon 9	GPS IIIA-10/GPS IIIB-2	
??	Proton-M	НЭМ-1	
??	Proton-M/Briz-M	Ekspress – AMU 5	
??	Proton-M/Briz-M	Ekspress – AMU 6	
??	Proton-M/Briz-M	Ekspress – RV 3, Ekspress – RV 4	
??	Proton-M/Briz-M	Yenisey A1	
??	Proton-M/Briz-M	Ямал-501	
??	Proton-M/Briz-M	Ямал-GK-1	
??	Proton-M	PTK NP	
??	Proton-M/Briz-M	Ekspress-RV1, Ekspress-RV2	
??	Proton-M/Briz-M	Ekspress AMU 4	
??	Proton-M/Briz-M	Anik G2V	
??	Proton-M/Briz-M	Luch-5VM 1	
??	Proton-M/Briz-M	Luch-5VM 2	



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??	Soyuz-2-1B/Fregat-M	Smotr R №2
??	Soyuz-2-	Razdan 2
??	Proton-M/Briz-M	Elektro L - 5
??	Soyuz-2-1B/Fregat-M	Resurs PM - 1
??	Ariane 5	Moon's south pole samples return mission
??	Ariane 5	Comsat NG 2 (Syracuse 4B)
??	Vega	CSpace Rider flight 1
??	Vega	CSpace Rider flight 2
??	Vega	C CryoSat FO
??	CZ	Xuntian (Two Meter Space Telescope)
??	CZ	HY-3C Haiyang-3C

2023.

??	Soyuz-2	Progress MS 22
Apr??	Soyuz-2-1A	Soyuz MS 24
??	CZ7	TZ 5 Tianzhou 5 (Logistic Cargo Vehicle)
??	CZ-2F/G	SZ-16 Shenzhou-16
June??	Atlas 5 402 / Falcon 9	USCV-6 (US Commercial Vehicles)
??	Soyuz-2	Progress MS 23
??	Ariane 5	MTG-S2/Sentinel-4A
Oct??	Soyuz-2-1A	Soyuz MS 25
Dec??	Atlas 5 402 / Falcon 9	USCV-7 (US Commercial Vehicles)
??	Soyuz-2	Progress MS 24
??	SLS Block IA II	Orion: Exploration Mission 3 (Crew to Cislunar)
??	Sunkar Federatsia (unmanned flight to ISS)	
??	A Russian Proton/Briz-M (or Angara) rocket to launch the Laplas-P mission to orbit the moon of Jupiter Ganymede.	
??	Proton-M/Briz-M	Ekspress – AT3, AT4
??	Soyuz-2-1B/Fregat-M	Resurs PM - 3
??	Angara 1.2	Gonets x 3
??	Soyuz-2-1B	Obzor R -2
??	Soyuz-2-1B	Obzor O -1
??	Soyuz-2-1B/Fregat-M	Ellips - 1
??	Angara A5P/DM03	Dopler 1, 2
??	Soyuz-2-1B/Fregat-M	Meteor M No2-5
??	Soyuz-2-1B/Fregat-M	Arktika M 3
??	Soyuz-2-1B/Fregat-M	Resurs PM - 2
??	Vega	C Space Rider 3
??	Vega	C Space Rider 4



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??	Soyuz ST B/Fregat -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
??	GSLV MK III	Shukrayaan (Venus orbiter)
??	Angara A5P/DM03	Lutch 5 – 2
??	Soyuz-2 -1b	Bion-M No. 2
??	Angara A5P/DM03	Lutch 5 – 3
??	??	Ямал GK 2
??	Soyuz-2 1a / Fregat	Luna 26 (Luna-Resurs OA)
2024		
Feb??	Delta IV -H	NROL-70
Apr??	Soyuz-2 -1A	Soyuz MS 26
June??	Atlas 5 402 / Falcon 9	USCV-8 (US Commercial Vehicles)
??	CZ7	TZ 6 Tianzhou 6 (Logistic Cargo Vehicle)
Sep??	GSLV MK III	Mangalyaan – 2 Mars Orbiter
Oct??	Soyuz-2 -1A	Soyuz MS 27
Oct??	EELV	GOES-U
Dec??	Atlas 5 402 / Falcon 9	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)
??	Soyuz-2	Progress MS 25
??	Soyuz-2	Progress MS 26
??	Soyuz-2	Progress MS 27
??	Proton-M / DM-03	Spektr - UF
??	Soyuz-2 -1B/ Fregat -M	Resurs PM - 4
??	Angara 1.2	Gonets x 2, Gonets M
??	Soyuz-2 -1B/ Fregat -M	Arktika M 4
??	??	Ямал GK VEO 1
??	Soyuz-2 -1A	Obzor P -1
??	Soyuz-2 -1B/ Fregat -M	Razdan - 3
??	Soyuz-2 -1B/ Fregat -M	Meteor M No2-6
??	??	DYNAMIC/STP-06
??	CZ	Asteroid (Ceres) Sample Return Mission
??	CZ-5	Chang'e-6 Moon polar area sample return



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?? Lapan Pengorbitan-1 (RPS-01) (Indonesia)

2025

June?? [Atlas 5](#) 402 / [Falcon 9](#) USCVC-10 (US Commercial Vehicles)

?? SLS-1B Artemis-4 Orion (EM-4 Crew to Gateway with landing on Moon)

Aug?? [Soyuz-2](#) 1b Luna 27 (Luna-Resurs PA) Testing an adaptive landing mode with a radio-beacon; delivering a rover

Dec?? [Atlas 5](#) 402 / [Falcon 9](#) USCVC-11 (US Commercial Vehicles)

?? SLS Block IA II Orion: Exploration Mission 5 (Crew to Cislunar)

?? [Soyuz-2](#)-1A [Soyuz MS](#) 28

?? SLS Block I Europa Clipper

?? [Soyuz-2](#) 1b Luna28 (Luna-Grunt-1) delivering a new-generation rover for gathering, analysis and uploading of samples

?? [Soyuz-2](#)-1B/[Fregat](#)-M Resonans 2A, 2B, MKA-PN5

?? ?? Ямал GK VEO 2

?? ?? Ямал GK VEO 3

?? [Angara](#) 1.2 [Gonets](#) x 3

?? [Soyuz-2](#)-1B/[Fregat](#)-M Arktika M 5

?? [Soyuz-2](#)-1B Obzor O -2

?? [Soyuz-2](#)-1B Bion-M No. 3

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)

2027.

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



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2069.

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[Interstellar mission](#)