



Blog Gorana Hudeca

Predstojeća lansiranja u Svemir (27.4.2020.)

2020.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in **red**. Last change on **27.Apr.2020**.

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

??May10. CZ-5B Y1 **New generation manned spacecraft**
Launch site: [Wenchang](#), China

May16. [Atlas 5](#) 551 **AFSPC-7 (X-37B OTV 6)**
Launch site: [Cape Canaveral](#), USA

May20. 1730UTC [H-2B](#) (F10) [HTV9](#)
Launch site: [Tanegashima](#), Japan

May21. [Vega](#) (VV16) **SSMS POC (Small Spacecraft Mission Service Proof Of Concept)**
Launch site: [Kourou](#), French Guiana

May27. 2032UTC [Falcon 9](#) (SPx-DM2) [Dragon v2](#)
CDR: Robert **Benkhen**, Doug **Hurley**
Launch site: [Cape Canaveral](#), USA

May27. [KZ-1A](#) (Y6) **Xingyun-2 (01,02)** 140
Launch site: [Jiuquan](#), China

May?? Cosmic Girl / LauncherOne Test Launch
Launch site: [Spaceport America](#), USA

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

May?? [CZ-11](#) CX-6-1
Launch site: [Xichang](#), China

May?? [PSLV](#) C51 RISAT_1A
May?? [CZ-3B/YZ-1](#) [Beidou 3](#) G3Q
May?? [Electron](#) Capella Whitney
May?? [Falcon 9](#) **Starlink f8**

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

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

?? [Electron](#) ElaNa; Andesite
Launch site: [Kaitorete Spit](#), New Zeland

?? CZ-2F/G ?Experimental Spaceplane

June16. [CZ-3B/E](#) **Apstar-6D**
Launch site: [Xichang](#), China



Blog Gorana Hudeca

June20. [Vega](#) **Seosat (Ingenio), TARANIS**

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

June27. [Soyuz-2-1B/Fregat-M](#) **Glonass K1 / 15L**

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

June30. [Falcon 9](#) **GPS IIIA-3**

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

June?? [Safir 1 B](#) Nahid-1

Launch site: [Semnan](#), Iran

June?? [Ariane 5](#) VA253 Galaxy 30 / MEV-2

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

June?? [Falcon 9](#) SAOCOM-1B, SAOCOM-1C

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

June?? [Delta IV-H](#) NROL-44

June?? [PSLV](#) (C50) Oceansat-3A **120**

June?? [GX-1](#) ??

?? Rocket v3.0 DARPA Launch Challenge 1

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

?? ?? Xidian -1

?? [Angara](#) A5/ Briz M Kosmos

?? [SSLV](#) D2 Demo 2

?? [CZ-3B/G3](#) Tiantong-1 (02)

July14. [H-IIA](#) **Al Amal [Hope](#) (UAE mission to Mars)**

Launch site: [Tanegashima](#), Japan

July17. 1300UTC [Atlas 5](#) (541) **[Mars 2020 rover](#)**

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

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

July?? [Proton-M/Briz-M](#) Ekspress 80, Ekspress 103

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

July?? [CZ-6A](#) Satellogic (1-13)

?? [Falcon 9](#) SiriusXM SX7

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

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

?? [Ariane 5](#) MTG-S1/Sentinel-4A

?? [Falcon 9](#) Anasis II

Aug?? Firefly Alpha first flight

Launch site: [Vandenberg](#), USA



Blog Gorana Hudeca

Aug?? [Falcon 9](#) GPS IIIA-4
 Aug?? [PSLV](#) HRSAT 100
 Aug?? [GSLV](#) MK II F12 GISAT -2
 Aug?? ??CZ-8 Taihu -1

?? 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

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

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

Sep15. [Soyuz-2 ST A \(VS24\)](#) [Falcon Eye 2](#)
 Launch site: [Kourou](#), French Guiana

Sep?? CZ CBERS-6
 Sep?? [Falcon 9](#) GPS IIIA-5
 Sep?? ?? GOES-T (National Security Space Launch program)
 Sep?? [Atlas 5](#) 531 NROL-101
 Sep?? [Soyuz-2](#) 1B / [Fregat](#)-M [Gonets](#) x 3 (No 27,28,29)
 Sep?? [PSLV](#) Amazonia
 Sep?? [Soyuz-2](#) B / [Fregat](#)-M CAS500-1; +
 Sep?? - inaugural flight - Vega-C Lares 2

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

?? [Ariane 5](#) ECA GSAT-20

Oct14. [Soyuz 2-1A](#) [Soyuz MS 17 \(S63/64\)](#)
 CDR: ??, ??, Stephen **Bowen**
 Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

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

Oct15. [Soyuz-2 ST \(VS25\)](#) [CSO-2](#)
 Launch site: [Kourou](#), French Guiana

Oct30. [Falcon 9 FT](#) [Dragon SpX-21](#) 80
 Launch site: [Cape Canaveral](#), USA

Oct?? [Atlas 5](#) 422 (AV082) CST-100 Starliner unmaned test

Oct?? JL-1 Hainan-1 (4)

?? [Falcon 9](#) SARah 1
 ?? [Falcon 9](#) SiriusXM SX8
 ?? [Ariane 5](#) ECA Eutelsat Quantum / Star One D2
 ?? [CZ-2C](#) HY-1D Haiyang-1D

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



Blog Gorana Hudeca

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

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

Launch site: [Wenchang](#), China

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

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

??	Angara A5/ DM 03(Persei)	Kosmos	60
??	KZ-1A (Y6)	GeeSat-1A ; GeeSat-1B	

??	??	PACE
??	??	EX-4
??	??	ACE
??	??	HyspIRI
??	Antares	IMAP/STP-05

??	Falcon H	ViaSat 3
??	Atlas 5 551	STP-03
??	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](#) 1A [Bars-M](#) 3

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	??



Blog Gorana Hudeca

??	Soyuz-2-1V	??	40
??	Soyuz-2-1V	??	
??	Angara 1.2	Kosmos	
??	Soyuz-2 B/Fregat	OneWeb smalsat (x36)	
Launch site: Восточный (Vostochniy) Cosmodrome, Russia			
??	Soyuz-2 B/Fregat	OneWeb smalsat (x34)	
??	Soyuz-2 B/Fregat	OneWeb smalsat (x36)	
??	Soyuz-2B/Fregat-MT	OneWeb smalsat (x36)	
??	Soyuz-2B/Fregat	OneWeb smalsat (x36)	
??	Soyuz-2 B/Fregat-MT	OneWeb smalsat (x34)	
??	Soyuz-2 B/Fregat	OneWeb smalsat (x34)	
??	Ariane 5	Arsat 3	
??	Ariane 5	ViaSat-3 Asia	
??	Ariane 5 ECA	EDRS-D	
??	CZ	FY-4C Fengyun-4C	
??	CZ	HY-3B Haiyang-3B	
??	??	Hainan-1 (5)	
??	??	Hainan-1 (6)	
??	??	Sanya-1 (1)	
??	??	Sanya-1 (2)	
??	??	Gaofen-5 (2)	
??	CZ	FY-3F Fengyun-3F (Batch 2)	20
??	CZ	FY-3 Fengyun-3 RM-2	
??	CZ-2D	SJ-19 Shijian-19	
??	CZ-11	CAS-4A, CAS-4B	
Launch site: Taiyuan , China			
??	CZ	FY-4B Fengyun-4B	
??	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)	



Blog Gorana Hudeca

?? [H-IIA 204](#) Inmarsat-6 F1
 ?? [H-IIA](#) JDRS-1
 ?? [Safir 1 B](#) Tadbir
 ?? [Safir 3A](#) Pars sepher

26 + 146

2021.

Jan14. [Atlas 5](#) **Landsat 9**

Jan?? [Falcon 9](#) FT [Dragon](#) SpX-22

Feb?? [Falcon 9](#) GPS IIIA-6

Feb?? [Falcon H](#) AFSPC-44

Feb?? [Soyuz-2 B/Fregat](#)-MT OneWeb smalsat (x34)

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

Mar12. [Antares 230](#) [Cygнус OA-15](#)

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

Mar?? [Atlas 5](#) 411 SBIRS-GEO 5

Mar?? [Soyuz-2](#) [Progress MS](#) 17

Mar?? [Soyuz-2 B/Fregat](#)-MT OneWeb smalsat (x32)

?? [Atlas 5](#) 402 CST 100 Starliner

Cdr: John **Cassada**, Sunita **Williams**, 100

?? [Proton-M](#) MLM

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

Apr?? [Soyuz-2](#)-1A [Soyuz MS](#) 18

Cdr: Сергей Николаевич **Рыжиков**, Сергей Владимирович **Кудь-Сверчков**, Kathleen **Rubins**

Apr?? Ariane 62 Galileo-FOC FM23, Galileo-FOC FM24

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

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

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

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

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

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?? [Falcon 9](#) DART (Double Asteroid Redirection Test)



Blog Gorana Hudeca

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	
??	GSLV MK II	Chandrayan-3	
July??	Vulcan/Minotaur 6/ Falcon 9 v1.1	JPSS-2	
July??	Vega C	Biomass	80
July??	GSLV-Mk III.	Gaganyaan-2	
??	Soyuz ST B/ Fregat -MT	EarthCare	
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	
??	Atlas 5 422 (AV083)	CST-100 Starliner	
CDR: Michael Fincke , Chris Ferguson , Nicole Aunapu Mann			
Launch site: Cape Canaveral , USA			
??	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 , Пѐтр Валерьевич Дубров			
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 -1A	Soyuz MS 20	
??	Soyuz-2 1B	Progress M-UM	
??	Falcon 9	PACE	
Dec??	Falcon 9	Dragon v2 USCV-3 (US Commercial Vehicles)	
CDR: Lindgren , ??(NASA), ??(RF)			
Dec??	Vega C KOMPSAT 7		
Dec??	GSLV-Mk III.	Gaganyaan-3	60
Dec??	Falcon 9	NROL-85 Intruder 13A713B	
Dec??	Falcon 9	NROL-87	
??	SLS-1	Artemis-1	Orion (unmanned trip around the Moon) Exploration Mission 1
(Distant Retrograde Orbit (DRO) Tactical DRM)			
??	Ariane 5	MTG-I1	



Blog Gorana Hudeca

??	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	
??	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	40
??	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	
??	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	20
??	??	Zond	
??	??	MKA PN6 (Monika)	
??	??	Картограф-ОЭ №1	
??	Zenit 3 SL /Fregat-SB	Lybid'	

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



Blog Gorana Hudeca

?? [Soyuz ST B/Fregat](#) (VS26) OneWeb smalsat (x34)
Launch site: [Kourou](#), French Guiana

?? [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

111

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 Vehicle)
?? CZ-2F/G SZ-14 Shenzhou-14

Apr?? [Soyuz-2-1A](#) [Soyuz MS 21](#)
CDR: ??Николай Владимирович **Тихонов** (Nikolai **Tikhonov**), Андрей Николаевич **Бабкин** (Andrei **Babkin**),

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



Blog Gorana Hudeca

May20.	Ariane 5ECA	JUICE (JUperiter 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)
??	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
Oct??	Vega C Biomass	
??	Soyuz-2 -1A	Soyuz MS 23
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
??	Soyuz-2 -1B/ Fregat -M	Smotr R №2



Blog Gorana Hudeca

??	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
??	Soyuz ST	B/Fregat-MT Sentinel-1C



Blog Gorana Hudeca

??	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



Blog Gorana Hudeca

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

2025

June?? [Atlas 5](#) 402 / [Falcon 9](#) USCV-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](#) USCV-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](#) USCV-12 (US Commercial Vehicles)

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

2069.



Blog Gorana Hudeca

??

??

[Interstellar mission](#)