



Blog Gorana Hudeca

Predstojeća lansiranja u Svemir (22.7.2019.)

2019.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in red. Last change 22. July 2019. Next one on 01.Aug 2019.

July22. 0913UTC [GSLV](#) **Mk III D3** **Chandrayaan 2**

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

July24. 2224UTC [Falcon 9](#) **Dragon SpX-18**

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

July25. 0500UTC **Hyperbola-1** **SQX-1** **7 satellites**

Launch site: [Jiuquan](#), China

July26. 0330UTC [CZ-2C](#) **Yaogan 30-5**

Launch site: [Xichang](#), China

100

July30. 1930UTC [Ariane 5](#) ECA **VA249** **Intelsat 39 / EDRS-C (Hylas 3)**

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

July31. 1231UTC [Soyuz-2](#) **Progress MS 12**

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

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

Meridian 18L

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

14F01 (Neutron)

Aug03. 2250UTC [Falcon 9](#) **Amos 17**

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

Aug05. 2137UTC [Proton-M/Briz-M](#) **Blagovest 4**

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

Aug08. 0950UTC [Atlas 5](#) 551 **AEHF 5**

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

Aug16. [CZ-3B/E](#) **Apstar-6D**

Launch site: [Xichang](#), China

Aug22. 1455UTC [Delta IV](#) **GPS IIIA-2**

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

Aug22. [Soyuz-2 1A](#) **Soyuz 14 GVK**

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

Aug22. [CZ-4B](#) **ZY-2D Ziyuan-2D**

Launch site: [Taiyuan](#), China

Aug?? [Rokot / Briz KMGeo IK 2](#) 13L

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

Aug?? **Jielong-1 JL-1** **Tianqi-2, CAS-7B/BP-1P**

Launch site: [Jiuquan](#), China



Blog Gorana Hudeca

Aug?? SSLV D1 Two defence sats
 Aug?? [PSLV](#) C47 CARTOSAT-3, NEMO-AM
 Aug?? [Electron](#) KSM-1,KSM-2,KSM-3 (Kleos Scouting Mission)

?? [PSLV](#) C48 - XL RISAT-2BR1
 ?? [CZ-3A](#) [Beidou 3](#) I3Q
 ?? [Soyuz-2](#)-1V ??

Sep01. Cosmic Girl / LauncherOne Test Launch
 Launch site: [Spaceport America](#), USA 80

Sep09. Vega SSMS POC (Small Spacecraft Mission Service Proof Of Concept)
 Launch site: [Kourou](#), French Guiana

Sep11. H-2B (F9) HTV8

Sep20. Astra Space NSLSat-1
 Launch site: Kodiak, USA

Sep20. Proton-M/Briz-M EutelSat 5 West B / MEV

Sep25. Soyuz-2-1A Soyuz MS 15 (S61/62)
 CDR : Олѐг Ива́нович **Скрипочка**, (Oleg Ivanovich **Skripotscka**), Jessica **Meir**, Hazzaa **Al Mansouri**

Sep30. Falcon 9 Starlink v1 Flight 1

Sep?? Pegasus-XL ICON ([Helio EX-1](#))
 ??Launch site: [Cape Canaveral](#), USA

Sep?? [GSLV](#) MK II F12 GISAT -1
 Sep?? CZ-6A Satellogic (1-13)
 Sep?? [CZ-11](#) Zhuhai-1 Group-3

?? [Atlas 5](#) 551 (AV-086) AEHF-6
 ?? [Ariane 5](#) Inmarsat-5 F5 (GX-5)
 ?? [Electron](#) BlackSky Global 4
 ?? [Electron](#) Dove / Flock-y

Oct15. Soyuz ST B/Fregat-MT Cosmo-SkyMed Secon Gen 1 CSG-1 / CHEOPS
 (Characterising ExOPlanet Satellite)

Oct19. Antares 230 Cygnus OA-12

Oct?? [CZ-3A](#) [Beidou 3](#) MEO M19, [Beidou 3](#) MEO M20
 Launch site: [Xichang](#), China

Oct?? Atlas 5 N22 (AV80) CST-100 Starliner (unmanned test)
 Launch site: [Cape Canaveral](#), USA

Oct?? KZ-1A ??
 Launch site: [Jiuquan](#), China

Oct?? [Atlas 5](#) 551 STP-03 60
 Oct?? SSLV D2 Demo 2
 Oct?? [PSLV](#) RISAT-2BR2



Blog Gorana Hudeca

??	CZ-4B	CBERS-4° A	
??	Falcon 9	JCSat 18	
Nov15.	Falcon 9 (SPx-DM2)	Dragon v2	
CDR: Robert Benkhen , Doug Hurley			
Nov20.	Soyuz ST B/Fregat-MT	OneWeb smalsat (x32)	
Nov30.	Atlas 5 422 (AV082) CST-100 Starliner		
CDR: Michael Fincke , Chris Ferguson , Nicole Aunapu Mann			
Nov??	Vega	Falcon Eye 2	
Nov??	GSLV	GISAT -2	
Nov??	CZ-2D	ETRSS-1 (Ethiopian multi-spectral Remote Sensing Satellite)	
Nov??	Falcon 9	Anasis II	
??	Ariane 5	JCSat 17	
??	Kuaizhou-1A	Hainan-1 (1), Hainan-1 (2), Hainan-1 (3)	
??	Minotaur 1	NROL 111	
??	Falcon 9	SiriusXM SX7	
??	Minotaur IV	NROL 129	
??	PSLV	HRSAT	
??	CZ-5 Y3	SJ-20 (DFH-5 platform)	
Dec04.	Falcon 9 FT	Dragon SpX-19	
Dec05.	Soyuz ST B/Fregat-MT	OneWeb smalsat (x32)	40
Dec20.	Soyuz-2	Progress MS 13	
Dec??	Rokot / Briz KM	Gonets x 3 (No 24,25,26), Blits-M	
Launch site: Плесецк (Plesetsk) Cosmodrome, Russia			
Dec??	Proton-M/Briz-M	Elektro L – 3	
Launch site: Байконур (Baikonur) Cosmodrome, Kazakhstan			
Dec??	Proton-M/Briz-M	Ekspress 80, Ekspress 103	
Dec??	Soyuz-2-1B/Fregat-M	CAS500-1	
Dec??	Soyuz-2-1B/Fregat	Glonass K2 / 13	
Dec??	CZ-3B/YZ-1	Beidou 3 MEO M21, Beidou 3 MEO M22	
Dec??	Angara A5/ Briz M	Kosmos	
Dec??	Falcon 9	GPS IIIA-3	
??	Atlas 5 551	AFSPC-7 (X-37B OTV 6)	
??	Atlas 5 551	Asteroid Retrieval Spacecraft (ARS)	
??	??	EX-3	
??	Ariane 5 ECA	Eutelsat BB4A (African Broadband Satellite)	
??	Ariane 5 ECA	Star One D2	
??	Vega	OpSis	
??	Soyuz-2-	Razdan 1	



Blog Gorana Hudeca

??	Proton-M/Briz-M	Kosmos	
??	Soyuz-2 1A	Energiya-100	
??	Soyuz-2-1B	Pion	
??	Soyuz-2 1B /Fregat-M	Tundra 3	20
??	Soyuz-2 1B /Fregat-M	Tundra 4	
??	Soyuz-2-1B/ Fregat-M	Glonass K1 15	
??	Soyuz-2-1B/Fregat M	Meridian 19L	
??	CZ	FY-3E Fengyun-3E	
??	CZ	FY-4B Fengyun-4B	
??	CZ-2C	HY-1D Haiyang-1D	
??	CZ-4B	HY-2C Haiyang-2C	
??	CZ-6A	HY-2D Haiyang-3A	
??	CZ	CBERS-SAR 1	
??	CZ-??	CAS-4A, CAS-4B	
Launch site: Taiyuan , China			
??	KZ-11	Xiaoxiang-4 Jilin-1 (2A), gamma ray burst detection micro satellite, Yinhe, Xianrikui-1A, Xianrikui-1B, Yijian Duoxing, Xingyun-1 (01,02)	
??	KZ-1A	Jilin 1-10	
??	KZ-1A	Jilin 1-11	
??	KZ-1A	Jilin 1-12	
??	CZ-2D	GF-7 Gaofen-7	
??	CZ-11	Fengtai Shaonian-02	
??	CZ-3B/G2	ZX-18 Zhongxing-18	
??	PSLV	RISAT_1A	
??	PSLV	IRNSS-1J	
8 + 9			
41 + 103			

2020.

Jan??	Falcon 9	Dragon SpX-20
?? - inaugural flight - Vega-C - Kourou	ZLV	
??	Falcon 9	SAOCOM-1B, SAOCOM-1C
??	Ariane 5 ECA	GSAT-20
Feb05.	Atlas 5	Solar Orbiter (Solo) (ESA)
Feb??	H-2B (F10)	HTV9
Feb??	CZ-3B/YZ-1	Beidou 3 2GQ



Blog Gorana Hudeca

Feb??	Soyuz-2	Progress MS 14	
Feb??	GSLV	GSAT - 32	
Feb??	Soyuz ST B/ Fregat -MT	OneWeb smalsat (x32)	
??	Soyuz-2 1A	Bars-M 3	
Launch site:	Плесецк (Plesetsk) Cosmodrome, Russia		120
??	Vega	SSMS – 2 (Small Spacecraft Mission Service)	
??	Soyuz ST B/ Fregat -MT	OneWeb smalsat (x32)	
??	Ariane 5 ECA	Eutelsat Quantum	
??	Ariane 5 ECA	GSAT 30	
??	Falcon 9	GPS IIIA-4	
Mar??	Delta IV -M	DMSP-5D3 F20	
Mar??	Soyuz-2 -1B/ Fregat -M	Glonass K1 / 22	
Mar??	Atlas 5 551	AFSPC-12 (WFOV (Wide Field of View Testbed missile-warning satellite))	
??	Ariane 5	Galaxy 30 / MEV-2	
??	Ariane 5 ECA	GEO-KOMPSAT-2B , Cheollian 2B	
??	Soyuz-2 -1B/ Fregat -M	Glonass M 59	
??	Soyuz-2 -1B/ Fregat -M	Glonass M 60	
Apr15.	Soyuz 2-1A	Soyuz MS 16 (S62/63)	
CDR:	Николай Владимирович Тихонов (Nikolai Tikhonov), Андрей Николаевич Бабкин (Andrei Babkin), Hoshide		
Apr??	CZ-3B /YZ-1	Beidou 3 MEO M23, Beidou 3 MEO M24	
Apr??	Angara-1.2/AM Gonets x 3 (No 30,31,32)		
Apr??	Soyuz-2 1B / Fregat -M	CAS500-1	
Apr??	CZ-5 B	Test flight	
??	Vega CCERES (x3)		
May??	Falcon 9	Dragon v2 (USCV-1)	
Cdr:	Victor Glover , Mike Hopkins , Soichi Noguchi , Ryzhkov??		
May??	Soyuz-2 1B	Progress M-UM	
May??	Ariane 62	CSO-2	
June??	Ariane 5	MTG-S1/Sentinel-4A	
June??	CZ-3C	Beidou 3 G3Q	
June??	Vega_C	Space Rider flight 1	
June??	Atlas 5 551	AFSPC-8 (GSSAP 5, GSSAP 6)	
June??	Soyuz-2	Progress MS 15	
??	Vega	Seosat (Ingenio)	
July16	Ariane 62	OneWeb	
July17.	Atlas 5 (541)	Mars 2020 rover	
July23.	CZ-5 Y4	Mars probe (orbiter + lander + rover)	



Blog Gorana Hudeca

July25. [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.

July??	Soyuz-2-1B/Fregat-M	Glonass K2 / 14	
July??	Soyuz-2-1B / Fregat	Arktika-M	
??	Vega-C Pleiades Neo 1, Pleiades Neo 2		
??	Ariane 5	ViaSat 3 EMEA	
Aug??	Falcon 9 FT	Dragon SpX-21	
Sep??	CZ	CBERS-6	80
Sep??	Soyuz-2-1B/Fregat-M	Glonass K2 / 15	
Sep??	Falcon 9	GPS IIIA-5	
Sep??	Atlas 5 552	Dream Chaser Cargo System SNC-1	
Sep??	Soyuz-2	Progress MS 16	
Sep??	??	GOES-T (National Security Space Launch program)	
??	CZ-2F/G	SZ-13 Shenzhou-13	

Oct21. **Soyuz 2-1A** **Soyuz MS 17 (S63/64)**
 CDR: **Иванишин (Ivanishin), Вагнер (Vagner),** Christopher J. **Cassidy**

Oct??	Vega	Proba 3	
Oct??	Soyuz-2 1B / Fregat-M	Gonets x 3 (No 27,28,29)	
Oct??	Proton-M	MLM	
Oct??	CZ-5B Y1	New generation manned spacecraft	
??	Falcon 9	SARah 1	
??	Angara A5/ DM 03(Persei)	Kosmos	
Nov??	Atlas 5 402	CST 100 Starliner (USCV-2)	
Cdr: John Cassada , Sunita Williams ,			
Nov??	Soyuz-2	Progress MS 15	
Nov??	Soyuz-2 1B / Fregat-M	Resurs N°4	
??	SLS-1	Orion (unmanned trip around the Moon)	Exploration Mission 1 (Distant Retrograde Orbit (DRO) Tactical DRM)

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

Dec15. [Atlas 5](#) **Landsat 9**

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	Progress MS 17	
??	??	PACE	60
??	??	EX-4	
??	??	ACE	
??	??	HyspIRI	
??	Antares	IMAP/STP-05	



Blog Gorana Hudeca

??	Falcon 9 FT	Dragon SpX-22	
??	Falcon H	ViaSat 3	
??	Falcon 9	KPLO (Korea Pathfinder Lunar Orbiter)	
??	Soyuz-2 1B / Fregat -M	Glonass K1 / 16	
??	Soyuz-2 1B / Fregat -M	Glonass K1 / 17	
??	Soyuz-2-1B / Fregat -M	Meteor M No2-3	
??	Angara 1.2	Kompsat-6	
??	Soyuz-2-1A / Fregat -M	Gonets x 6	
??	Proton-M / Briz-M	AOneSat-1	
??	Proton-M / Briz-M	Terrestar-2	
??	Proton-M / Briz-M	SkyTerra 2	
??	Proton-M / Briz-M	Ekspress AMU 3 / Ekspress AMU 7	
??	Proton-M / Briz-M	Yenisey A1	
??	Proton-M / Briz-M	Ямал-501	
??	Proton-M / Briz-M	EutelSat	
??	Proton-M / Briz-M	Ямал-GK-1	40
??	Proton-M	PTK NP	

?? [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	

?? [Angara 1.2](#) Kosmos

?? [Zenit 3 SL](#) /[Fregat](#)-SB Lybid'
 Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

??	Ariane 5	Arsat 3	
??	Ariane 5	ViaSat-3 Asia	
??	Ariane 5 ECA	EDRS-D	

?? ?? Seosat-Ingenio-2

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

??	CZ	Two Meter Space Telescope	
??	CZ	FY-4C Fengyun-4C	20
??	CZ	HY-3B Haiyang-3B	
??	CZ-3B / Palapa 1N		



Blog Gorana Hudeca

??	??	Hainan-1 (4)
??	??	Hainan-1 (5)
??	??	Hainan-1 (6)
??	??	Sanya-1 (1)
??	??	Sanya-1 (2)
??	CZ	FY-3F Fengyun-3F (Batch 2)
??	CZ	FY-3 Fengyun-3 RM-2
??	CZ-2D	SJ-19 Shijian-19
??	GSLV MK II F11	GSAT-10A
Launch site: Satish Dhawan Space Centre , Sriharikota, India		
??	PSLV	ScatSat, NovaSAR
??	GSLV MK III	MOM-2 Follow on Mars Mission
??	PSLV	EnMap
??	PSLV XL	Aditya'
??	H-IIA	Hope (UAE mission to Mars)
??	H-IIA	Astro H2 (Hitomi-2), SLIM (Smart Lander for Investigating Moon)
??	H-IIA	Inmarsat-6 F1
??	Safir 1 B	Tadbir
??	Safir 3A	Pars sepher

130

2021.

Feb??	Soyuz-2	Progress MS 18
Feb??	Falcon 9	GPS IIIA-6
Feb??	Falcon H	AFSPC-44

Mar30. [Soyuz-2-1A](#) [Soyuz MS 18](#)
 Cdr: **Borisenko, Chub, Bowen**

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

Mar??	Atlas 5 411	SBIRS-GEO 5
Apr??	Ariane 62	Galileo-FOC FM23, Galileo-FOC FM24
Apr??	Falcon 9	IXPE (Imaging X-ray Polarimetry Explorer)
May??	Falcon 9	Dragon v2 USCV-3 (US Commercial Vehicles)
CDR: Lindgren , ??(NASA), ??(RF)		
??	CZ-5B Y2	Tian He Space Station Core Module

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.



Blog Gorana Hudeca

June??	Falcon 9	DART (Double Asteroid Redirection Test)
??	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
July??	Vulcan/Minotaur 6/ Falcon 9 v1.1	JPSS-2
July??	Vega C	Biomass
July??	Soyuz-2 1a / Fregat	Luna 25 (Luna-Glob-1)
July??	GSLV-Mk III. Gaganyaan-2	
??	Soyuz ST B/ Fregat -MT	EarthCare
Sep30.	Soyuz-2-1A	Soyuz MS 18
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
Oct16.	Atlas 5 401	Lucy
Oct??	Atlas 5 401/ Falcon 9 v1.1	JPSS Free Flyer 2 (TSIS-2)
Oct??	Ariane 62	CSO-3
Nov??	Atlas 5 402	USCV-4 (US Commercial Vehicles)
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
??	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	HЭM-1
??	Soyuz-2 -1B/ Fregat -M	Meteor M No2-4
??	Angara 1.2	Gonets x 3
??	Proton-M/Briz-M	Ekspress-RV1, Ekspress-RV2
??	Proton-M/Briz-M	Ekspress AMU 4
??	Soyuz-2 -1B/ Fregat -M	Smotr R №1
??	Proton-M/Briz-M	IntelSat
??	Proton-M/Briz-M	Elektro L - 4
??	Soyuz-2 -1B/ Fregat -M	Arktika M 2
??	Proton-M/ DM-03	Glonass-M /K21,K22,K23
??	Soyuz-2 -1B/ Fregat -M	Kondor-FKA n.º 2
??	Soyuz-2 1B / Fregat -M	Resurs №5



Blog Gorana Hudeca

??	Angara A5/ Briz-M	Luch 5M
??	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 ST B/Fregat -MT	OneWeb smalsat (x32)
??	Soyuz ST B/Fregat -MT	OneWeb smalsat (x32)
??	Vega C	Space Rider 2
??	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)

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.

Mar30. [Soyuz-2-1A](#) [Soyuz MS 19](#)

Mar??	Atlas 5	NROL-107 Silentbaker
??	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 (JUper ICy moon Explorer)**

May??	Atlas 5 402 / Falcon 9	USCV-5 (US Commercial Vehicles)
-------	--	---------------------------------

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



Blog Gorana Hudeca

June??	Ariane 5	MTG-I2
??	Sunkar ??	
??	Soyuz-2	Progress MS 20
Aug??	H2B	Phobos sample return
Aug??	Atlas 5 411	SBIRS-GEO 6
Sep30.	Soyuz-2-1A	Soyuz MS 20
Nov??	Atlas 5 402 / Falcon 9	USCV-6 (US Commercial Vehicles)
Dec??	Soyuz ST B/ Fregat -MT	MetOp-SG B1
Dec??	Vega C	FLEX (Fluorescence Explorer satellite)
??	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/Briz-M	Ekspress – AMU 5
??	Proton-M/Briz-M	Ekspress – AMU 6
??	Proton-M/Briz-M	Ekspress – RV 3, Ekspress – RV 4
??	Angara 1.2	Gonets x 3
??	Proton-M/Briz-M	Eutelsat
??	Proton-M/Briz-M	Intelsat
??	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
??	Angara A5/ Briz-M	Luch 5M
??	Ariane 5	Moon's south pole samples return mission
??	Ariane 5	Comsat NG 2 (Syracuse 4B)
??	Vega C	Space Rider 3
??	Vega C	CryoSat FO
??	CZ	HY-3C Haiyang-3C
2023.		
??	Soyuz-2	Progress MS 22
Mar30.	Soyuz-2-1A	Soyuz MS 21
May??	Atlas 5 402 / Falcon 9	USCV-7 (US Commercial Vehicles)
??	CZ7	TZ 5 Tianzhou 5 (Logistic Cargo Vechile)
??	CZ-2F/G	SZ-16 Shenzhou-16
??	Soyuz-2	Progress MS 23



Blog Gorana Hudeca

??	Ariane 5	MTG-S2/Sentinel-4A	
Sep30.	Soyuz-2-1A	Soyuz MS 22	
Nov??	Atlas 5 402 / Falcon 9	USCV-8 (US Commercial Vehicles)	
??	Soyuz-2	Progress MS 24	
??	SLS Block IA II	Orion: Exploration Mission 3 (Crew to Cislunar)	
??	Sunkar Federatsia (unmaned 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 4		
??	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)	
??	GSLV MK III	Mission to Venus	
??	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

Mar30.	Soyuz-2-1A	Soyuz MS 23	
May??	Atlas 5 402 / Falcon 9	USCV-9 (US Commercial Vehicles)	
??	CZ7	TZ 6 Tianzhou 6 (Logistic Cargo Vechile)	
Sep30.	Soyuz-2-1A	Soyuz MS 24	
Oct??	EELV	GOES-U	
Nov??	Atlas 5 402 / Falcon 9	USCV-10 (US Commercial Vehicles)	



Blog Gorana Hudeca

??	SLS Block IA II	Orion: Exploration Mission 4 (Crew to Cislunar)
??	Sunkar	Federatsia (Light 14t – 2 man to ISS)
??	Soyuz-2	Progress MS 25
??	Soyuz-2	Progress MS 26
??	Soyuz-2	Progress MS 27
??	Soyuz-2 1b	Luna 27 (Luna-Resurs PA) Testing an adaptive landing mode with a radio-beacon; delivering a rover
??	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
??	Lapan	Pengorbitan-1 (RPS-01) (Indonesia)
2025		
May??	Atlas 5 402 / Falcon 9	USCV-11 (US Commercial Vehicles)
Nov??	Atlas 5 402 / Falcon 9	USCV-12 (US Commercial Vehicles)
??	SLS Block IA II	Orion: Exploration Mission 5 (Crew to Cislunar)
??	Soyuz-2-1A	Soyuz MS 25
??	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.		
May??	Atlas 5 402 / Falcon 9	USCV-13 (US Commercial Vehicles)



Blog Gorana Hudeca

- Nov?? [Atlas 5](#) 402 / [Falcon 9](#) USCX-14 (US Commercial Vehicles)
- June?? [Angara](#) A5P/KVTK A mission to Venus (*Venera D*) would be launched
- ?? CZ Jupiter Orbiter
- ?? CZ Mars Sample Return
- ?? CZ Chang'e-8 (Moon north pole landing)
- ?? [Angara](#) A5/DM03 Bumerang (FobosGrunt 2)

2069.

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