
OSCAR's mit analogem Transponder

OSCAR-7 (AO-7)

=====

[Keine News (aktiv<www.amsat.org/status/>)]

OSCAR-29 (FO-29)

=====

[Keine News (aktiv<www.amsat.org/status/>)]

OSCAR-73 (AO-73)

=====

[Keine News (IB 06.22)]

OSCAR-88 (EO-88 / Nayif-1)

=====

[Keine News (IB 08.22)]

CAS-4B

=====

[Keine News (aktiv<www.amsat.org/status/>)]

CAS-4A

=====

[Keine News (aktiv<www.amsat.org/status/>)]

OSCAR-100 (QO-100 / Es'hail-2/P4A)

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[Keine News (aktiv)]

[WebSDR:

<https://eshail.batc.org.uk/>

<http://websdr.is0grb.it:8901/>

<http://appr.org.br:8902/>

DX-Cluster:

<http://cluster.f5len.org/index.php?what=qo100>

<http://www.dxsummit.fi/#/?include=2.3GHz,10GHz&sat=true>
]

OSCAR-97 (JO-97 / JY1Sat)

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[Keine News (aktiv<www.amsat.org/status/>)]

OSCAR-108 (TO-108 / CAS-6)

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[Keine News (aktiv<www.amsat.org/status/>)]

Radio-Sputnik-44 (RS-44 / DOSAAF-85)

=====

[Keine News (aktiv<www.amsat.org/status/>)]

OSCAR-113 (HO-113 / XW-3 (CAS-9))

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[Keine News (aktiv<www.amsat.org/status/>)]

OSCAR's mit digitalem Transponder / Repeater

OSCAR-27 (AO-27 / EyeSat-A)

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[News-Artikel folgt. (aktiv<www.amsat.org/status/>)]

OSCAR-50 (SO-50)

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[Keine News (aktiv)]

OSCAR-91 (AO-91 / RadFxSat/Fox-1B)

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[Keine News (aktiv<www.amsat.org/status/>)]

OSCAR-92 (AO-92 / RadFxSat/Fox-1D)

=====
[Keine News (IB 07.22)]

OSCAR-101 (PO-101 / Diwata-2)
=====
[Keine News (aktiv<www.amsat.org/status/>)]

CubeSat's und andere Satelliten mit Amateurfunkfrequenz

OSCAR-11 (UO-11)
=====
[Keine News (aktiv - 145.8250 MHz FM)]

OSCAR-55 (CO-55 / Cute-1)
=====
[Keine News (aktiv? - 436.8354 MHz CW-Sinus)]

OSCAR-57 (CO-57 / XI-IV)
=====
[Keine News (aktiv - 436.8484 MHz CW(USB))]

Mozhayets-4
=====
[Keine News (aktiv? - 435.3525 MHz FM(DOKA-B))]

OSCAR-58 (CO-58 / XI-V)
=====
[Keine News (aktiv - 437.4649 MHz CW(USB))]

OSCAR-65 (CO-65 / Cute-1.7+APD II)
=====
[Keine News (aktiv - 437.2743 MHz CW(USB))]

OSCAR-66 (CO-66 / SEEDS-2)

=====

[Keine News (aktiv - 437.4856 MHz CW(USB))]

PRISM

=====

[Keine News (aktiv - 437.2505 MHz CW(USB))]

KKS-1

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[Keine News (IB 06.22 - 437.3863 MHz CW(USB))]

SwissCube-1

=====

[Keine News (01.23 ex - 437.5013 MHz CW(USB))]

SOMP

=====

[Keine News (IB 07.22 - 437.5011 MHz)]

[Frequenz wandert!]

GOMX-1

=====

[Keine News (IB 06.22 - 437.2516 MHz)]

OSCAR-74 (LO-74 / CubeBug-2)

=====

[Keine News (IB 06.22 - 437.4435 MHz FM)]

BugSat-1

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[Keine News (IB 08.22 - 437.4450 MHz FM)]

GRIFEX

=====

[Keine News (IB 03.22 - 437.4780 MHz FM)]

LilacSat-2

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[Keine News (aktiv - 437.2240 MHz FM)]

AAUSAT4

=====

[Keine News (aktiv? - 437.4235 MHz)]

CAS-2T

=====

[Keine News (aktiv? - 435.7089 MHz CW(USB))]

Shaonian Xing "Youth Star" (MXSat-1, Juvenile-1F)

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[Keine News (1B 06.22 - 436.3725 MHz FM)]

CP7 (DAVE)

=====

[Keine News (1B 06.22 - 437.1492 MHz)]

Elfin-B (43616)

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[Keine News (1B 05.22 - 437.4755 MHz FM)]

[Vorausgerechnetes Verglühen: 30.09.2022]

Elfin-A (43617)

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[Keine News (1B 05.22 - 437.4500 MHz FM)]

[Vorausgerechnetes Verglühen: 15.09.2022]

CubeBel-1

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[Keine News (1B 03.22 - 436.9892 MHz)]

Reaktor Hello World

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[Keine News (aktiv<www.satblog.info> - 437.7744 MHz HS-CW(USB))]

CSIM

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[Keine News (01.23 ex - 437.2500 MHz FM)]

CHOMPTT

=====

[Keine News (1B 07.22 - 437.5590 MHz FM)]

Lume-1

=====

[Keine News (1B 06.22 - 437.0595 MHz)]

OSCAR-99 (FO-99 / NEXUS)

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[Keine News (1B 05.22 - 437.0730 MHz CW(USB))]

LightSat

=====

[Keine News (aktiv - 435.7000 MHz FM)]

Lucky-7

=====

[Keine News (1B 08.22 - 437.5240 MHz FM)]

JAISAT-1

=====

[Keine News (1B 07.22 - 435.7000 MHz FM)]

OPS-SAT

=====

[Keine News (01.23 ex - 437.2000 MHz FM)]

BY70-2

=====

[Keine News (1B 04.22 - 436.2005 MHz FM)]

UPMSat-2

=====

[Keine News (1B 03.21 - 437.4042 MHz USB)]

AmicalSat

=====

[Keine News (1B 06.22 - 436.1000 MHz FM)]

CAPE-3

=====

[Keine News (aktiv - 437.3255 MHz FM)]

CubeSX-HSE

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[Keine News (aktiv? - 435.6505 MHz FM)]

ORBICRAFT-ZORKIY

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[Keine News (aktiv! - 437.8500 MHz FM)]

RamSat

=====

[Keine News (1B 08.22 - 436.3000 MHz FM)]

TUBIN

=====

[Keine News (1B 05.22 - 435.9500 MHz FM)]

IT-SPINS

=====

[Keine News (1B 04.22 - 437.4050 MHz FM)]

CUTE

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[Keine News (aktiv<www.satblog.info> - 437.250 MHz FM)]

Maya-3 (49273)

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[News-Artikel folgt. (verglüht)]

Laut Space-Track.org ist Maya-3 am 4. August 2022 in der Erdatmosphäre verglüht.

Maya-4 (49274)

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[[News-Artikel folgt. (verglüht)]

Laut Space-Track.org ist Maya-4 am 8. August 2022 in der Erdatmosphäre verglüht.

CUAVA-1 (49275)

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[Keine News (10.22 ex - 437.075 MHz FM)]

[Vorausgerechnetes Verglühen: 28.08.2022]

TeikyoSat-4

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[Keine News (11.22 ex - 437.450 MHz CW)]

Z-Sat

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[Keine News (01.23 ex - 145.875 MHz CW)]

KOSEN-1

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[Keine News (1B 06.22 - 435.5247 MHz CW(USB))]

Grizu-263A

=====

[Keine News (02.23 ex - 437.190 MHz FM)]

OSCAR-116 (NO-116 / SanoSat-1)

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[Keine News (1B 03.22 - 436.235 MHz)]

IRIS-A

=====

[Keine News (01.23 ex - 436.915 MHz FM)]

Tevel 1 - 8

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Status: 1: 01.23 ex / 2: 01.23 ex / 3: 01.23 ex / 4: 01.23 ex

5: 02.23 ex / 6: 02.23 ex / 7: 01.23 ex / 8: 01.23 ex

Info: <https://amsat-uk.org/2022/01/12/tevel-satellites/>

Kepler: 2022-002

Delfi-PQ

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[Keine News (01.23 ex - 436.650 MHz FM)]

VZLUSAT-2

=====

[Keine News (01.23 ex - 437.325 MHz FM)]

InspireSat-1

=====

[Keine News (1B 03.22 - 437.1500 MHz FM)]

OreSat0

=====

[Keine News (1B 03.22 - 436.500 MHz)]

KITSUNE

=====

[Keine News (aktiv - 437.3744 MHz CW(USB))]

BDSat

=====

[Keine News (1B 04.22 - 436.025 MHz)]

PlantSat

=====

[Keine News (1B 05.22 - 437.240 MHz FM)]

Planetum-1

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[Keine News (aktiv? - 436.6797 MHz CW(USB))]

Foresail-1

=====

[Keine News (1B 05.22 - 437.125 MHz FM)]

SelfieSat

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Info: <https://orbitntnu.com/selfiesat>

http://www.amsatuk.me.uk/iaru/formal_detail.php?serialnum=864

Status: lt. SatNOGS aktiv (437.500 MHz FSK)

Kepler: 2022-057

Start: SpaceX Transporter-5 Mission Falcon 9 Launch 25th May 2022

SNUGLITE-2

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[Keine News (1B 07.22 - 436.490 MHz FM)]

CTIM

=====

[Keine News (1B 07.22 - 437.250 MHz FM)]

MTCube-2 (ROBUSTA 1F)

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[Keine News (1B 07.22 - 436.750 MHz FM)]

AstroBio CubeSat (ABCS)

=====

[Keine News (1B 07.22 - (437.425)/435.600 MHz FM)]

GREENCUBE

=====

[Keine News (1B 08.22 - 435.310 MHz FM)]

CELESTA (ROBUSTA 1D)

=====

[Keine News. (aktiv<www.satblog.info> - 436.500 MHz FM)]

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SWSU-55 Radioskaf

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[News-Artikel folgt.]

Am 21. Juli 2022 setzten während eines Aussenbordeinsatzes die Astronautin Samantha Cristoforetti, IZ0UDF, und der Kosmonaut Oleg Artemyev zehn russische CubeSats aus. Deren 70cm Downlink-Frequenzen wurden von der IARU nicht koordiniert. Informationen finden sich im AMSAT-UK-Artikel unter <https://amsat-uk.org/2022/07/21/ten-amateur-radio-cubesats-deployed-from-iss/>.

Die vollständig bekannten Daten der folgenden sieben CubeSats sind wie folgt:

RS4S	- NORAD-Nr. 53306 - 437.0870 MHz FM - (aktiv)
RS3S	- NORAD-Nr. 53308 - 437.100 MHz FM - (1B 07.22)
RS1S	- NORAD-Nr. 53309 - 437.0740 MHz FM - (1B 07.22)
RS5S	- NORAD-Nr. 53310 - 437.1125 MHz FM - (aktiv?)
RS6S	- NORAD-Nr. 53311 - 437.000 MHz FM - (aktiv?)
Tsiolkovsky-Ryazan-1 (RS9S) - NORAD-Nr. 53312 - 437.025 MHz FM - (1B 07.22)	

Tsiolkovsky-Ryazan-2 (RS12S) - NORAD-Nr. 53313 - 437.0125 MHz FM - (aktiv)

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Geoscan-Edelweis

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Info: <https://geoscan.space/en>

http://www.amsatuk.me.uk/iaru/formal_detail.php?serialnum=873

Downlink: lt. SatNOGS 436.200 MHz GFSK

Status: <https://www.satblog.info/geoscan-edelweis-9k6-beacons/>

Kepler: 2022-096

Start: 09.08.2022 mit einer Soyuz-2.1b vom Baikonur Kosmodrom in Kazakhstan

FREQUENCIES AND CALLSIGNS OF THE SATELLITES

All of the following satellites use GMSK modulation, USP protocol and 2400 bit rate.

SXC3-212 (MGU)

Callsign: RS32S

UHF frequency: 437.550 MHz

SXC3-213 (HSE-AIS)

Callsign RS21S

UHF frequency: 435.570 MHz

X frequency: 10455.0 MHz

SXC3-214 (MIET-AIS)

Callsign RS28S

UHF frequency: 437.900 MHz

X frequency: 10475.0 MHz

SXC3-215 (Vizard)

Callsign RS33S

UHF frequency: 437.800 MHz

SXC3-216 (UTMN)

Callsign RS23S

UHF frequency: 435.670 MHz

X frequency: 10485.0 MHz

SXC3-217 (Siren)

Callsign RS30S

UHF frequency: 437.750 MHz

SXC3-218 (KuzSTU)

Callsign RS34S

UHF frequency: 437.700 MHz

X frequency: 10495.0 MHz

SXC3-219 (Medex)
Callsign RS19S
UHF frequency: 437.650 MHz

SXC3-2110 (Voenmeh)
Callsign RS29S
UHF frequency: 436.050 MHz

SXC3-2111 (SibSU)
Callsign RS8S
UHF frequency: 435.380 MHz

Info: <https://sputnix.ru/en/satellites-sputnix/for-radioamateurs>
Status: <https://www.satblog.info/all-ten-sxc3-satellites-active-and-decoded/>
Kepler: 2022-096
Start: 09.08.2022 mit einer Soyuz-2.1b vom Baikonur Kosmodrom in Kazakhstan

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+ Three 1 kg cubesats, TUMNanosat, FUTABA and HSU-SAT 1 were deployed from the J-SSOD No. 22 deployer on the ISS Japanese robot arm at 0945 UTC Aug 12. TUMNanosat has 9k6 GMSK AX25 downlink of beacons and telemetry on 436.680 MHz. FUTABA downlinks with 20 wpm CW beacon and 1k2 AFSK for FM telemetry and mission data on 437.375 MHz. More info from <https://www.futaba.space/blank-3> HSU-SAT-1 has a downlink using CW, FM SSTV and 9k6 GMSK at 437.280 MHz. More information at <https://bit.ly/3C3LFwa>
(ANS thanks AMSAT-UK and the IARU for the above information)

<https://www.satblog.info/hsu-sat1-cw-beacon/>
http://www.amsatuk.me.uk/iaru/finished_detail.php?serialnum=719

<https://www.satblog.info/futaba-cw-beacon/>
http://www.amsatuk.me.uk/iaru/finished_detail.php?serialnum=725

<https://www.satblog.info/tumnanosat-telemetry-beacon/>
http://www.amsatuk.me.uk/iaru/finished_detail.php?serialnum=733

Kepler: 1998-067U

Amateur Radio on ISS (ARISS)

Packet Radio (APRS) / SSTV / Repeater

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[News-Artikel folgt.

(www.ariss.net/ - 145.825/145.825 MHz FM APRS
www.amsat.org/status/ - 145.800 MHz FM SSTV

www.amsat.org/status/ - 145.990/437.800 MHz FM Repeater)
]