
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 (lB 11.22)]

OSCAR-88 (EO-88 / Nayif-1)
==========
[Keine News (aktiv<www.amsat.org/status/>)]

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)
==========
[Keine News (aktiv<http://cluster.f5len.org/index.php?what=qo100>)]
[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)
==========
[Keine News (aktiv<www.amsat.org/status/>)]

OSCAR-108 (TO-108 / CAS-6)
==========
[Keine News (lB 10.22)]

Radio-Sputnik-44 (RS-44 / DOSAAF-85)
==========
[Keine News (aktiv<www.amsat.org/status/>)]

OSCAR-113 (HO-113 / XW-3 (CAS-9))
==========
[Keine News (aktiv<www.amsat.org/status/>)]

OSCAR's mit digitalem Transponder / Repeater

OSCAR-27 (AO-27 / EyeSat-A)
==========
[Keine News (aktiv<www.amsat.org/status/>)

OSCAR-50 (SO-50)
==========
[Keine News (aktiv<www.amsat.org/status/>)]

OSCAR-91 (AO-91 / RadFxSat/Fox-1B)
==========
[Keine News (aktiv<www.amsat.org/status/>)]

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

==========
[Keine News (lB 10.22)]

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

Tevel-3
=======
[News-Artikel folgt. (aktiv<www.amsat.org/status/>)]

https://www.satblog.info/tevel-3-transponder-active/

OSCAR-117 (IO-117 / GreenCube)
==========
[News-Artikel folgt. (aktiv<www.amsat.org/status/>)]

CubeSat's und andere Satelliten mit Amateurfunkfrequenz

OSCAR-11 (UO-11)
==========
[Keine News (lB 09.22 - 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 - 436.8478 MHz CW(USB))]

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

OSCAR-58 (CO-58 / XI-V)
==========
[Keine News (aktiv? - 437.4645 MHz CW(USB))]

OSCAR-65 (CO-65 / Cute-1.7+APD II)
==========
[Keine News (aktiv - 437.2739 MHz CW(USB))]

OSCAR-66 (CO-66 / SEEDS-2)
==========
[Keine News (aktiv - 437.4852 MHz CW(USB))]

PRISM
=====
[Keine News (aktiv - 437.2493 MHz CW(USB))]

KKS-1
=====
[Keine News (lB 11.22 - 437.3862 MHz CW(USB))]

SwissCube-1
==========
[Keine News (lB 10.22 - 437.5013 MHz CW(USB))]

SOMP
====
[Keine News (lB 10.22 - 437.5007 MHz)]
[Frequenz wandert!]

GOMX-1
======
[Keine News (lB 11.22 - 437.2512 MHz)]

OSCAR-74 (LO-74 / CubeBug-2)
==========
[Keine News (lB 10.22 - 437.4435 MHz FM)]

BugSat-1
========
[Keine News (aktiv? - 437.4435 MHz FM)]

GRIFEX
======
[Keine News (lB 08.22 - 437.4780 MHz FM)]

LilacSat-2
==========
[Keine News (aktiv - 437.2240 MHz FM)]

AAUSAT4
=======
[Keine News (aktiv - 437.4235 MHz)]

CAS-2T
======
[Keine News (lB 08.22 - 435.7089 MHz CW(USB))]

Shaonian Xing "Youth Star" (MXSat-1, Juvenile-1F)
==========
[Keine News (06.23 ex - 436.3725 MHz FM)]

CP7 (DAVE)
==========
[Keine News (lB 08.22 - 437.1492 MHz)]

CubeBel-1
=========
[Keine News (03.23 ex - 436.9892 MHz)]

Reaktor Hello World
==========
[Keine News (lB 08.22 - 437.7744 MHz HS-CW(USB))]

CSIM
====
[Keine News (lB 08.22 - 437.2500 MHz FM)]

CHOMPTT
=======
[Keine News (lB 07.22 - 437.5590 MHz FM)]

Lume-1
======
[Keine News (lB 11.22 - 437.0592 MHz)]

OSCAR-99 (FO-99 / NEXUS)
==========
[Keine News (lB 11.22 - 437.0726 MHz CW(USB))]

LightSat
========
[Keine News (lB 08.22 - 435.7000 MHz FM)]

Lucky-7
=======
[Keine News (lB 10.22 - 437.5240 MHz FM)]

JAISAT-1
========
[Keine News (aktiv - 435.7000 MHz FM)]

OPS-SAT

=======
[Keine News (aktiv? - 437.2000 MHz FM)]

BY70-2
======
[Keine News (04.23 ex - 436.2005 MHz FM)]

UPMSat-2
========
[Keine News (lB 09.22 - 437.4042 MHz USB)]

AmicalSat
=========
[Keine News (06.23 ex - 436.1000 MHz FM)]

CAPE-3
======
[Keine News (lB 11.22 - 437.3255 MHz FM)]

CubeSX-HSE
==========
[Keine News (lB 10.22 - 435.6505 MHz FM)]

ORBICRAFT-ZORKIY
================
[Keine News (lB 09.22 - 437.8500 MHz FM)]

TUBIN
=====
[Keine News (lB 10.22 - 435.9500 MHz FM)]

IT-SPINS
========
[Keine News (04.23 ex - 437.4050 MHz FM)]

CUTE
====
[Keine News (lB 08.22 - 437.250 MHz FM)]

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

KOSEN-1
=======
[Keine News (lB 08.22 - 435.5247 MHz CW(USB))]

Grizu-263A
==========
[Keine News (02.23 ex - 437.190 MHz FM)]

OSCAR-116 (NO-116 / SanoSat-1)
==============================
[Keine News (lB 08.22 - 436.235 MHz)]

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

Tevel 1, 2, 4, 5, 6, 7, 8
=========================
Status: 1: 01.23 ex / 2: 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
========

[Keine News (lB 08.22 - 436.650 MHz FM)]

VZLUSAT-2
=========
[Keine News (lB 10.22 - 437.3255 MHz FM)]

InspireSat-1
============
[Keine News (03.23 ex - 437.1500 MHz FM)]

OreSat0
=======
[Keine News (lB 08.22 - 436.5004 MHz)]

KITSUNE
=======
[Keine News (aktiv - 437.3750 MHz CW(USB))]

BDSat
=====
[Keine News (04.23 ex - 436.025 MHz)]

PlantSat
========
[Keine News (05.23 ex - 437.240 MHz FM)]

Planetum-1
==========
[Keine News (lB 08.22 - 436.6797 MHz CW(USB))]

Foresail-1
==========
[Keine News (05.23 ex - 437.125 MHz FM)]
[52766 CELESTIS 21 - VARISAT 1C / 2022-057]

SelfieSat
=========
[Keine News (lB 10.22 - 437.500 MHz FM)]

SNUGLITE-2
==========
[Keine News (lB 07.22 - 436.490 MHz FM)]

CTIM
====
[Keine News (lB 08.22 - 437.250 MHz FM)]

AstroBio CubeSat (ABCS)
=======================
[Keine News (lB 07.22 - 437.425 MHz FM)]

MTCube-2 (ROBUSTA 1F)
=====================
[Keine News (lB 07.22 - 436.750 MHz FM)]

CELESTA (ROBUSTA 1D)
====================
[Keine News (lB 08.22 - 436.500 MHz FM)]

SWSU-55 Radioskaf
=================
[Keine News]

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

RS4S - NORAD-Nr. 53306 - 437.0870 MHz FM - (aktiv?)
RS3S - NORAD-Nr. 53308 - 437.1000 MHz FM - (lB 11.22)
RS1S - NORAD-Nr. 53309 - 437.0740 MHz FM - (lB 07.22)
RS5S - NORAD-Nr. 53310 - 437.1125 MHz FM - (aktiv)
RS6S - NORAD-Nr. 53311 - 436.9995 MHz FM - (aktiv)
Tsiolkovsky-Ryazan-1 (RS9S) - NORAD-Nr. 53312 - 437.0250 MHz FM - (aktiv)

Tsiolkovsky-Ryazan-2 (RS12S) - NORAD-Nr. 53313 - 437.0115 MHz FM - (aktiv)

Geoscan-Edelveis
==========
Info: https://www.geoscan.aero/en/blog/first-geoscan-spacecraft-space
http://www.amsatuk.me.uk/iaru/formal_detail.php?serialnum=873
Downlink: lt. SatNOGS 436.200 MHz GFSK
Status: https://www.satblog.info/geoscan-edelveis-9k6-beacons/
Kepler: 2022-096
Start: 09.08.2022 mit einer Soyuz-2.1b vom Baikonur Kosmodrom in Kazakhstan

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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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HSU-SAT1
========
[Keine News (aktiv - 437.2796 MHz CW(USB))]

FUTABA
======
[Keine News (aktiv - 437.3740 MHz CW(USB))]

TUMNanosat
==========
[Keine News (lB 08.22 - 436.680 MHz FM)]

D3
==
?? (lB 09.22 - 437.080 MHz FM)]

Info: http://www.amsatuk.me.uk/iaru/finished_detail.php?serialnum=780
http://adamus-d3-website.herokuapp.com/
Status: lt. SatNOGS aktiv
Kepler: 1998-067UE/H
Start: 12.08.2022 (von ISS ausgesetzt)

JAGSAT
======
[Keine News (lB 09.22 - 437.325 MHz FM)]

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Thybolt-1
=========
[News-Artikel folgt. (lB 11.22 - 435.3545 MHz CW)]

Info: www.dhruvaspace.com/dhruva-space-thybolt-mission-ham-radio-operators
http://www.amsatuk.me.uk/iaru/finished_detail.php?serialnum=889
Status: www.satblog.info/thybolt-thy01-and-thy02-cw-telemetry-beacons/
NORAD-Nr.: 54363
Start: 26.11.2022 (https://www.isro.gov.in/mission_PSLV_C54.html)

Nico Janssen, PA0DLO writes on the AMSAT-BB list:
"Doppler measurements show that Thybolt 1 and 2 are the objects 54363 and
54364. Current separation: 1 s, so it is not yet possible to determine which
is which.
CW beacon frequencies: Thybolt 1: 435.35447 MHz and Thybolt 2: 435.3522 MHz.

Thybolt-2
=========
[News-Artikel folgt. (lB 11.22 - 435.3522 MHz CW)]

Info: www.dhruvaspace.com/dhruva-space-thybolt-mission-ham-radio-operators
http://www.amsatuk.me.uk/iaru/finished_detail.php?serialnum=889
Status: www.satblog.info/thybolt-thy01-and-thy02-cw-telemetry-beacons/
NORAD-Nr.: 54364
Start: 26.11.2022 (https://www.isro.gov.in/mission_PSLV_C54.html)

Nico Janssen, PA0DLO writes on the AMSAT-BB list:
"Doppler measurements show that Thybolt 1 and 2 are the objects 54363 and
54364. Current separation: 1 s, so it is not yet possible to determine which
is which.
CW beacon frequencies: Thybolt 1: 435.35447 MHz and Thybolt 2: 435.3522 MHz.

Amateur Radio on ISS (ARISS)

Packet Radio (APRS) / SSTV / Repeater
==========
[Keine News
(www.ariss.net/ - 145.825/145.825 MHz FM APRS
www.amsat.org/status/ - 145.800 MHz FM SSTV
aktiv - 145.990/437.800 MHz FM Repeater)

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