
OSCAR's mit analogem Transponder

OSCAR-7 (AO-7)

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

OSCAR-29 (FO-29)

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

OSCAR-73 (AO-73)

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[Keine News (IB 11.22)]

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

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

CAS-4B

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

CAS-4A

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

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

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[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>

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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 (IB 10.22)]

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

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[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/>)]

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CAS-5A

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[News-Artikel folgt. (V/U+V/U-FM+H/U aktiv<www.amsat.org/status/>)]

The CAMSAT CAS-5A amateur radio satellite will be [was] piggybacked on the Smart Dragon-3 Y1 launch vehicle and [is] launched from the sea launch platform in the Yellow Sea at UTC 06:35:02 on December 9.

After the satellite is deployed, the (U/V) linear transponder, (U/V) FM transponder and H/U linear transponder will be turned on immediately, when the power supply is sufficient.

CW-Bake:	435.570 MHz CW 22wpm
V/U Linear-Transponder:	Uplink 145.820 MHz, Downlink 435.540 MHz, Bw 30 kHz
V/U FM-Repeater:	Uplink 145.925 MHz, Downlink 435.600 MHz
H/U Linear-Transponder:	Uplink 21.435 MHz, Downlink 435.505 MHz, Bw 15 kHz
Telemetry	435.650 MHz GMSK 4800bps

73! Alan, BA1DU

Info: <https://forum.amsat-dl.org/index.php?thread/4249-cas-5a-launched/>
http://www.amsatuk.me.uk/iaru/finished_detail.php?serialnum=619

Kepler: 2022-167
NORAD-Nr. 54684 (passt)

OSCAR's mit digitalem Transponder / Repeater

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

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

OSCAR-50 (SO-50)

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

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)

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[Keine News (IB 10.22)]

OSCAR-101 (PO-101 / Diwata-2)

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

Tevel-3

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

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

Tevel-3's FM transponder is active for 24 hours, until approximately 0800Z on 5-December.
Uplink 145.970 MHz, Downlink 436.400 MHz. No tone required.

Tevel-3

1	50988U	22002E	22342.94555288	.00009652	00000-0	48831-3	0	9994
2	50988	97.4633	47.1095	0009529	170.5933	2.7842	15.17197399	49843

OSCAR-117 (IO-117 / GreenCube)

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[News-Artikel folgt. (aktiv)]

CubeSat's und andere Satelliten mit Amateurfunkfrequenz

OSCAR-11 (UO-11)

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[Keine News (IB 09.22 - 145.8250 MHz FM)]

OSCAR-55 (CO-55 / Cute-1)

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[Keine News (aktiv - 436.8352 MHz CW-Sinus)]

OSCAR-57 (CO-57 / XI-IV)

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[Keine News (aktiv - 436.8477 MHz CW(USB))]

Mozhayets-4

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

OSCAR-58 (CO-58 / XI-V)

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[Keine News (aktiv - 437.4646 MHz CW(USB))]

OSCAR-65 (CO-65 / Cute-1.7+APD II)

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[Keine News (aktiv - 437.2739 MHz CW(USB))]

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

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[Keine News (aktiv - 437.4853 MHz CW(USB))]

PRISM

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[Keine News (aktiv - 437.2494 MHz CW(USB))]

KKS-1

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

SwissCube-1

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

SOMP

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[Keine News (lB 10.22 - 437.5007 MHz)]

[Frequenz wandert!]

GOMX-1

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[Keine News (aktiv - 437.2516 MHz)]

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

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[Keine News (lB 10.22 - 437.4435 MHz FM)]

BugSat-1

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[Keine News (lB 11.22 - 437.4435 MHz FM)]

GRIFEX

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

LilacSat-2

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[Keine News (aktiv - 437.2240 MHz FM)]

AAUSAT4

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[Keine News (aktiv? - 437.4235 MHz)]

CAS-2T

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[Keine News (1B 08.22 - 435.7089 MHz CW(USB))]

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

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[Keine News (06.23 ex - 436.3725 MHz FM)]

CP7 (DAVE)

=====

[Keine News (aktiv - 437.1493 MHz)]

CubeBel-1

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[Keine News (03.23 ex - 436.9892 MHz)]

Reaktor Hello World

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[Keine News (1B 08.22 - 437.7744 MHz HS-CW(USB))]

CSIM

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[Keine News (aktiv - 437.2490 MHz FM)]

CHOMPTT

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

Lume-1

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[Keine News (1B 11.22 - 437.0592 MHz)]

OSCAR-99 (FO-99 / NEXUS)

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[Keine News (1B 11.22 - 437.0726 MHz CW(USB))]

LightSat

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[Keine News (1B 08.22 - 435.7000 MHz FM)]

Lucky-7

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[Keine News (1B 10.22 - 437.5240 MHz FM)]

JAISAT-1

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[Keine News (aktiv - 435.7000 MHz FM)]

OPS-SAT

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[Keine News (1B 11.22 - 437.2000 MHz FM)]

BY70-2

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

UPMSat-2

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[Keine News (1B 09.22 - 437.4042 MHz USB)]

AmicalSat

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

CAPE-3

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[Keine News (1B 11.22 - 437.3255 MHz FM)]

CubeSX-HSE

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[Keine News (1B 10.22 - 435.6505 MHz FM)]

ORBICRAFT-ZORKIY

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[Keine News (1B 09.22 - 437.8500 MHz FM)]

TUBIN

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[Keine News (1B 10.22 - 435.9500 MHz FM)]

IT-SPINS

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

CUTE

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[Keine News (1B 08.22 - 437.250 MHz FM)]

Z-Sat

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

KOSEN-1

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[Keine News (aktiv - 435.5247 MHz CW(USB))]

Grizu-263A

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

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

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[Keine News (1B 08.22 - 436.235 MHz)]

IRIS-A

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

Tevel 1, 2, 4, 5, 6, 7, 8

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[News-Artikel folgt. (Tevel Mission)]

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:

Tevel-8

1	50989U	22002F	22342.95681431	.00009860	00000-0	49944-3	0	9993
2	50989	97.4644	47.1562 0009781	168.7300	4.6570	15.17143524	49842	

Tevel-5

1	50998U	22002Q	22342.95215691	.00010360	00000-0	51542-3	0	9998
2	50998	97.4620	47.3204 0010898	166.4509	246.5181	15.17752320	49865	

Tevel-6

1	50999U	22002R	22342.89717921	.00010346	00000-0	51464-3	0	9992
2	50999	97.4619	47.2629 0010777	166.3609	311.4618	15.17757410	49851	

Tevel-1

1	51013U	22002AF	22342.95081846	.00009820	00000-0	49715-3	0	9998
2	51013	97.4626	47.0796 0009295	169.1531	4.0358	15.17169391	49848	

Tevel-7

1	51062U	22002CG	22342.95886919	.00009873	00000-0	50013-3	0	9997
2	51062	97.4636	47.1396 0009733	167.9423	5.4551	15.17142620	49849	

Tevel-4

1	51063U	22002CH	22342.96059597	.00009840	00000-0	49877-3	0	9993
2	51063	97.4634	47.1331 0009550	167.8172	5.2983	15.17124642	49845	

Tevel-2

1	51069U	22002CP	22342.87177737	.00009658	00000-0	48870-3	0	9995
2	51069	97.4628	47.0155 0009301	171.0631	309.9894	15.17191428	49838	

Delfi-PQ

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[Keine News (1B 08.22 - 436.650 MHz FM)]

VZLUSAT-2

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[Keine News (1B 10.22 - 437.3255 MHz FM)]

InspireSat-1

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

OreSat0

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[Keine News (1B 08.22 - 436.5004 MHz)]

KITSUNE

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

BDSat

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[Keine News (04.23 ex - 436.025 MHz)]

PlantSat

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

Planetum-1

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[Keine News (1B 08.22 - 436.6797 MHz CW(USB))]

Foresail-1

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[Keine News (05.23 ex - 437.125 MHz FM)]

[52766 CELESTIS 21 - VARISAT 1C / 2022-057]

SelfieSat

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[Keine News (1B 10.22 - 437.500 MHz FM)]

SNUGLITE-2

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

CTIM

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[Keine News (1B 08.22 - 437.250 MHz FM)]

AstroBio CubeSat (ABCS)

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

MTCube-2 (ROBUSTA 1F)

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

CELESTA (ROBUSTA 1D)

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[Keine News (1B 08.22 - 436.500 MHz FM)]

SWSU-55 Radioskaf

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[Keine News]

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

RS4S	- NORAD-Nr. 53306 - 437.0870 MHz FM - (1B 11.22)
RS3S	- NORAD-Nr. 53308 - 437.1000 MHz FM - (1B 11.22)
RS1S	- NORAD-Nr. 53309 - 437.0740 MHz FM - (1B 07.22)
RS5S	- NORAD-Nr. 53310 - 437.1125 MHz FM - (aktiv)

RS6S - NORAD-Nr. 53311 - 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-Edelweis

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

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

TUMNanosat
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[Keine News (1B 08.22 - 436.680 MHz FM)]

D3
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?? (1B 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

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[Keine News (1B 09.22 - 437.325 MHz FM)]

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Thybolt-1

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[News-Artikel folgt. (1B 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

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[News-Artikel folgt. (1B 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

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[Keine News

(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)
]