



NEWSLETTER-AMSAT-EA

11/2018
NOVEMBER

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AMSAT

Es'hail2

First, it was programmed to be launched in 2016, but finally the real date is approaching. The launch is scheduled for November 14 onboard the Falcon-9 rocket which will take off from the Air Force Base in Cape Canaveral . The launch window is programmed between 20.46 and 22.27 GMT.

The satellite will be placed at a 26° east orbital position and will offer TV transmission capabilities and services for homes (DTH) in all the middle east and northern Africa. It will be the first ham radio satellite from Qatar and will have 2 amateur radio transponders giving us the possibility to communicate in real time using a geostationary satellite, for instance , between Brazil and India . This satellite will also demonstrate how the AMSAT community can test and use its digital video standards.

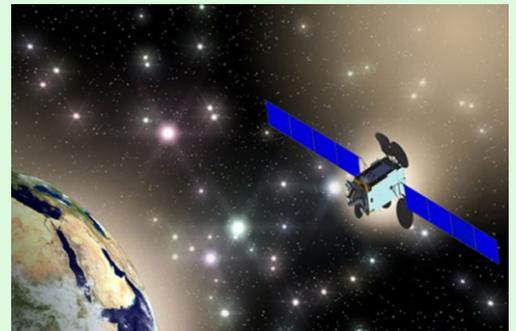


Photo: MELCO

UKCube-1

As seen in AMSAT UK, the educational and communications satellite UKCube-1 (FUNCUBE-2) launched by the UK in July 2014, has ,all of a sudden, stopped its transmissions on October 18. It seems this is a total loss of the satellite. This sat was the first cubesat made by the UK Space Agency and has being used by hams for phone contacts and also by the educational community (STEM) as it carried several onboard experiments as the first GPS to measure the space plasmapheric weather, a camera to catch images of the earth, a system to analyze the effects of radiation in the space hardware or an experiment to demonstrate the viability to use cosmic radiation to improve the communication satellites security and the low cost electronic systems used in these kind of satellites.



Next Activities



EA4NF, from IM66

VY0ERC, will be active again till nov 10 from the Eureka Station in Nanuvut (ER60, Eq79).

N4QX, Brennan will be active from EM64, EM65, EM66, FN30, JN36, Jn47 from nov 28 to dec 7 .He will try to be active from HB9 and 4U1ITU.

AA5PK, Glenn will do a expedition to southern Texas (EL06, E107, EL08, EL15, EL16, EL17, EL18).

N2YTF/VP9/P , Tom will be active from Bermuda november 12-14

W9TWJ, Tanner will activate EL94 in Florida from november 27 to December 1.

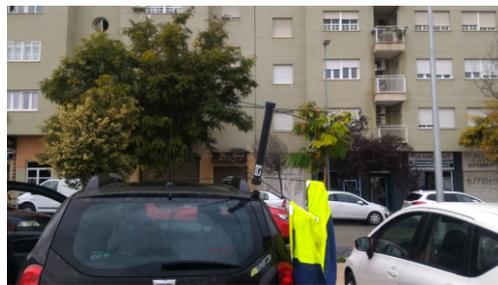
F4DXV, Jerome will be active from Luchon from december 27 to january 1 using the calls F4DXV/P and EA2/F4DXV from JN02.



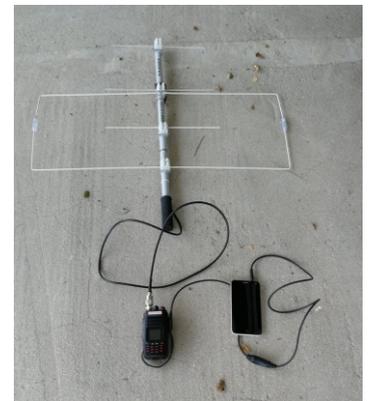
VY0ERC location



VY0ERC, working for /p at -25° C



EA7KZ, working from his mobil.



EA4GSX Portable set up to receive ISS SSTV

Activities now over

EA4NF, Phillippe was active, October 20, from IM66 in some FM sats.

F4DXV, Jerome was active from JN06 october 30/31.

NA1SS



NASA astronaut Serena Auñón-Canciller KG5TMT, who is in the ISS now was heard on 145.800 MHz FM during several weekends in october doing random contacts and using the ITU Region2 uplink on 144.490 FM

JOTA 2018

On the weekend of october 19-21 we celebrated JOTA 2018, Jamboree On The Air. An event in which every year the scouts all around the world talk on the ham radio bands , exchanging experiences, ideas etc...

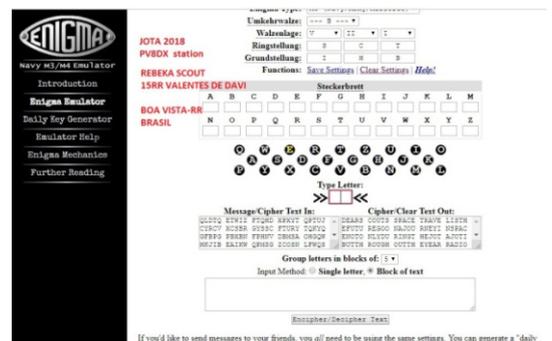
Since 1958, when the first JOTA was celebrated, many scouts have met thanks to this event.

It's not only fun that scouts talk one to each other but also it's an opportunity to know where in the world there are active scouts.

This year several scout groups were active in satellites and some of them were participating in the JOTA-JOTI FUNcube challenge focused on the FUNcube-1 (AO-73) CubeSat. During the Jamboree On The Air (JOTA-JOTI) event october 19 - 21 a special coded message was transmitted. This message could be received with a simple handy vhf antenna , a small yagui or even a vertical and a SDR dongle or any SSB capable vhf radio . Data was send thru the sat's telemetry frequency 145.935 MHz at 1200bd BPSK.



CR5TVR from IM76 (CT2FZY, CT2GOY).



JOTA-JOTI Funcube challenge



15RR Valentes of Davi Scout Group



APRS Reception demo by 2E0HLR

NEW SO-50 RECORD

A new record was set on the SO50: 5523 Km (3432 miles), It was on october 24 when F4DXV in JN04jr made a contact at 13.20 UTC with N1AIA in FN43rg. Congratulations to both for this new record.

SSTV from ISS

On the weekend of October 27-29 the ISS was sending SSTV images on 145.800 FM. As well as in other ARISS SSTV activations, 12 different images were sent but this time 6 of them were about educational activities by SCan (Space Communications and Navigation) and the other 6 about different NASA anniversaries like when NASA was established, when astronauts landed on the moon, etc...



AMSAT-EA in space La Nave

On October 26, Felix Páez, AMSAT EA president held a conference in space La Nave about "The roll of the antennas in the Smartcities communications environment"



AMSAT-EA talks in the schools.



On October 25 and with the collaboration of Yanina Hallak, an Aerospace Engineer at the CINAIE (Galician Center for Aerospace Innovation) some talks were celebrated in the Escultor Acuña School in Vigo, Galicia, NW of Spain, where students learned about satellites. In future dates they will enjoy some workshops with activities like building up an antenna and receiving signals from NOAA, FM voice etc.