



NEWSLETTER-AMSAT-EA

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Translation by Fernando EC1AME

AMSAT-EA works against the clock on GÉNESIS satellites

AMSAT EA works against the clock together with students from the European university, in the development of the GENESIS satellites, 1.5P picosats measuring 7.5x5x5cm and expected to be launched from the United States in February 2020. These satellites are based on the designs of EASAT-2 engineering and will allow testings of the EASAT-2 subsystems.



The estimated time in orbit of the GENESIS is estimated at around a month. They incorporate the linear transponder receiver module designed for EASAT-2 and an ASK transmitter. They will offer functionality of regenerative repeater ASK and CW and also incorporates the ionic motor experimental for pocketqubes developed by Applied Ion Systems.

FOSSA-1 Launched

After several launch attempts on 6 December the Fossa-1 was launched aboard an Electron rocket from Rocket Lab, from the peninsula complex of Mahia in New Zealand. Fossa-1 is a picosatellite pocketQube with a 5cm side developed by students, under the umbrella of the Fossa Systems association, and for its use by radio amateurs. AMSAT-EA has contributed supporting the project.



Meeting of satellite fans in Portugal TecSat-Po

During the weekend of 23 and 24 of November the satellites fan meeting was held in Portugal, TecSat-Po was celebrated in the town of Viana de Castelo in the north of Portugal.

Of course, Amsat-EA was represented by its president who made a presentation of the Genesis satellites in which we are Working for the lunch in 2020.

Among other topics of interest were talks about the QO-100 geostationary satellite both about its narrow transponder And about ATV, MoonBounce and several talks about how to operate LEO satellites.

It was a good moment for the meeting of Portuguese and Spanish radio amateurs (more than a dozen Spanish radio amateurs have attended from Madrid, Asturias and Galicia). The talks will be posted on the event website:

<http://tecsat.aram.pt/>



AMSAT EA FORUM



From AMSAT-EA we want to promote among the community of Spanish speaking ham radio ops, the divulgation thru the internet of all kind of knowledge about our hobby.

That is why we remind you that our association has a forum in which anyone can participate, even if you are not a member

We encourage you to take advantage of this space to make your inquiries, start discussions, share your concerns or help other hobby partners transmitting your wisdom.

Our forum is here:

<http://foro.amsat-ea.org>

NEXT ACTIVITIES

VY0ERC, The Eureka Amateur Radio Club will be at the station located at the Laboratory of Atmospheric Research of the Polar Environment, from 6 of November to December 11. They have to perform some maintenance in the house on arrival, not to mention that it is very cold over there (-25 to -35C not counting the thermal sensation)

<https://twitter.com/vy0erc>

EA4NF, Philippe from December 6 to 8 will be in France (Brittany southern) using the call F5OCE and will activate IN87 for those who need it. More info in twitter

N1AIA, Scott, plans to operate from the FN64 grid, County of Washington, Maine, on December 6 and 7. Scott hopes to be among 1600 and 2000z, 0000 and 0300z, and 1400 and 1600z. While most of the passes during these windows are FM, he is ready for linear satellites and will operate QRP, as always, with his Arrow.

K4WPX, James will be in EL96 / 95 from December 11 to 15, holidays style, mainly night passes, only FM. James will stay on EM96 but ~ 1 mile from the EM95 line, so You he can also jump over there for some passes. Pass announcements via Twitter:

<https://twitter.com/k4wpX>

N7AGF, Alex will return to Hawaii in Christmas. This will be an activation "Xmas style", with a special emphasis on the grid that he couldn't activate before: BK28, as well as BK19 , BK28, BK29, BL20.

<https://twitter.com/N7AGF>

Ron **AD0DX**, Doug **N6UA** and Josh **W3ARD** will operate from the Big Bend National Park to activate grid DL88. For more info follow their Twitter: <http://twitter.com/W3ARDstroke5>



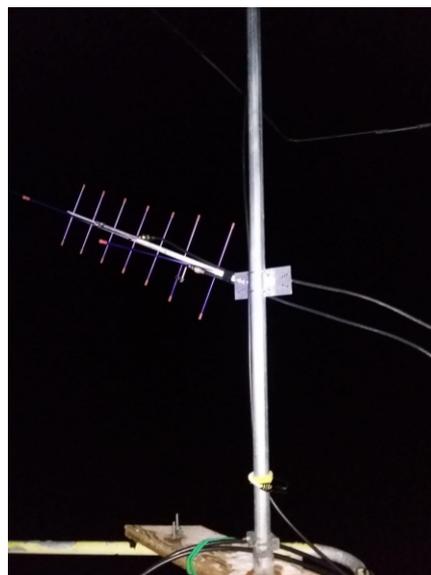
Scott, N1AIA



Pedro, CU2ZG from IO84



EA4NF, Philippe from Melilla



Antenaas of VY0ERC for sats



KA7FVV, Scott ready for the Ao92, L mode