



NEWSLETTER-AMSAT-EA

11/2019
NOVEMBER

contacto@amsat-ea.org

eb1ao@amsat-ea.org

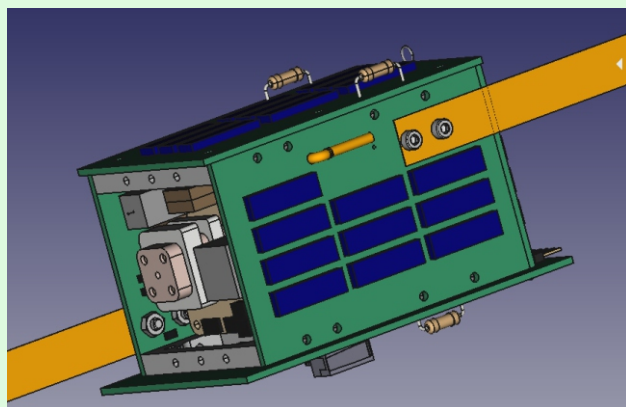
Translation by Fernando EC1AME

GENESIS-N and GENESIS-L

As some of you may have seen on the page of IARU, AMSAT-EA has registered 4 satellites for possible launch in February 2020.

This opportunity has arisen because the company American Firefly has offered a free launch (DREAM program) for the opening flight of its rocket Alpha. This flight would depart from the American base of Vandenberg in California.

To do this, we are adapting at full speed all the hardware designed for EASAT-2 to a simpler version and low cost, in order to have everything ready for January.



We have registered with the administration the request for an orbit-spectrum resource for two twin satellites (with small differences) GÉNESIS-N and GÉNESIS-L, with a 1.5P format, which we hope to have manufactured at the end of November in order to carry out an intensive test campaign during the month of December. The difference with EASAT-2 is that only the part of the linear transponder receiver would fly and a part would be used to the generation of ASK / CW, as well as solar panels not specific to space but sufficient for life estimated in orbit of about a month (300km). It also incorporates an experimental ion engine that "Applied Ion Systems" will deliver to us for testing in space.

On this inaugural flight of the Alpha platform, the Fossa-1B and Fossa-2 satellites would also fly Fossa, with whom we are collaborating closely, and whose satellites we have registered on behalf of AMSAT-EA at the administration and IARU.

An important point to keep in mind is that the success of this depends, among other things, if "LibreSpace" is able to have on time the ejector of Pocket Qubes that we would have to deliver to "Firefly" together with our satellites, since this piece has had to be designed from scratch. This greek organization would also bring two satellites to the flight.

In the Alpha many more satellites fly, most of them CubeSats. AMSAT-EA, Fossa and LibreSpace are the only ones that would fly pocket Qubes and we have this added difficulty of not having a qualified ejector yet.

Another possible point of failure is that the administration does not have time to send the API to the ITU. Though we have delivered the documentation 20 days ago, we are having some problems, which we hope to have corrected now.

We hope that the "LibreSpace" ejector tests and the integration of the different satellites in it would take place in Spain and we would be in charge of taking them to the United States.

We have not wanted to give much publicity to this project because due to the short time available, the chances of not arriving on time (we, LibreSpace or the administration itself) are high. However we are working at full speed to make it possible.

Meeting of satellite fans in Portugal TecSat-Po

On November 23 and 24 will take place in Viana do Castelo, in the north of Portugal, the meeting TecSat-Po 2019, a meeting for satellite fans, with demonstrations, gatherings and round tables.

For some years there has been a notable increase in amateur radio operators operating satellites both in Spain and Portugal and this type of initiative is a good example of this.

The meeting in Portugal is organized by the Association of Radio amateurs of Alto Miño (ARAM).

More information about the event at:

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



AM1SAT DIPLOMAS AND AWARDS

Trophies are already sent to the winners of the AM1SAT diploma:

Jerome, F4DXV as a grid hunter
Josep, EA3CAZ as Satellite Hunter.

If you have obtained a Diploma and you still have not Requested it, do not hesitate to ask for it through the mail eb1ao@amsat-ea.org, you are still on time. Don't miss it!



AMSAT-EA FORUM



From AMSAT-EA we want to promote among the community of Spanish speaking amateur radio operators all about our hobby through the internet. Therefore we remind you that our association has a forum where any participant can participate without needing to be 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. You can access the forum here: <http://foro.amsat-ea.org>

NEXT ACTIVITIES

AD0DX, Ron will be on vacation in the McAllen TX area the week from November 2 to 9. Ron will be passing through San Antonio (EL09) and will remain in EL06. Expect to activate most grids surrounding (EL06, EL07, EL08, EL09, EL15, EL16, EL17, EL18 and EL19) during the week. <https://twitter.com/ad0dx>

W9TWJ, Tanner will be on vacation in Illinois, from 3 to 5 of November. Trying to be active from EM68 / EM69 on FM satellites
Updates : <https://twitter.com/twjones85>

VY0ERC, The Eureka Amateur Radio Club will be at the station Laboratory of Atmospheric Research of the Polar Environment, from 6 November to December 11. They have some maintenance in the house to perform on arrival, not to mention that it is very cold around the place (-25 to -35C not counting the thermal sensation)
<https://twitter.com/vy0erc>

EA4NF, Philippe will operate from MELILLA as EA9 / EA4NF from 18 to November 21, 2019. This small Spanish territory located in Northern Africa, is a very rare grid and is listed as one of the most wanted SAT DXCC . https://twitter.com/EA4NF_SAT

W9TWJ, Tanner will be on vacation in Key West from 3 to 6 of December. He will try to be active on some FM satellite passes to activate EL94 for those who need it.
<https://twitter.com/twjones85>

N7AGF, Alex will return to Hawaii in Christmas. This will be an activation Christmas style, with a special emphasis on the grid that BK28 as well as BK19, BK28, BK29 and BL20
<https://twitter.com/N7AGF>



Douglas, N6UA from DN 61/62/71/72



Philippe, EA4NF testing a new spot



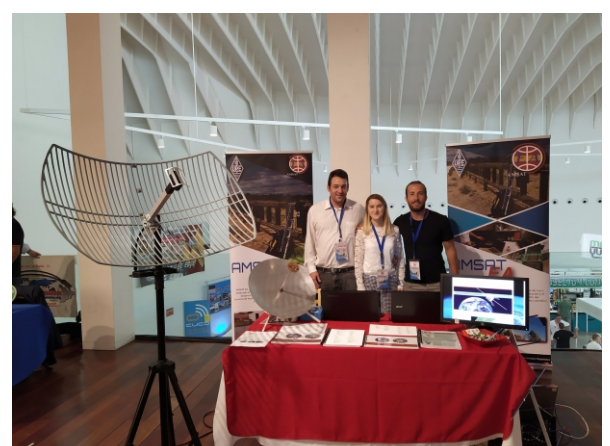
Adam, K0FFY



Miguel, EA4GSX



EA5TT waiting for CAS4



Stans AMSAT-EA in Iberradio

NEXT DX-EXPEDITION EA9/EA4NF



NOVEMBER 18-21

other expeditions of Philippe made this year

