



NEWSLETTER-AMSAT-EA

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Translation by Fernando EC1AME

Brief visit of Pedro Duque and "Pepu" Hernández to the AMSAT EA Headquarters

Spanish minister of Science, Innovation and Universities and the first spanish astronaut , Pedro Duque visited the AMSAT EA HQs in La Nave, along with José Vicente "Pepu" Hernández, socialist candidate to the Madrid City Hall.

La Nave is a place depending of the town hall and defined as a meeting point of citizens, companies and professional networks of innovative professionals who seek to accelerate their ideas and projects to transform the city.

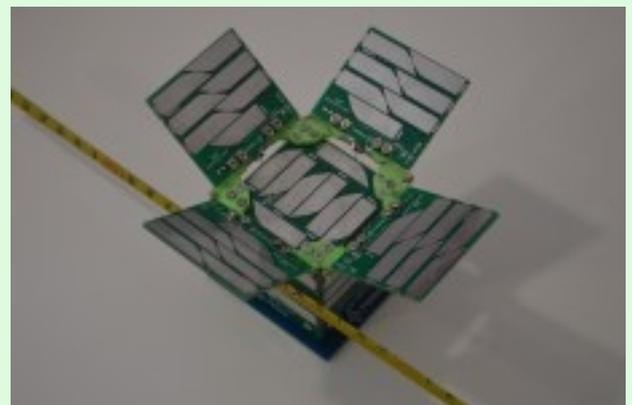
AMSAT EA its located in this place since some months ago. Very briefly, we could explain that AMSAT EA is a non profit ham radio community that encourages projects about satellites for free use. We also had the opportunity to share with them our new project

EASAT-2. We thank them and the team at La Nave, for the time spent with us within their very busy schedule.



Fossa-1 coordinated by IARU

IARU's satellite branch has coordinated, on may 27, the satellite FOSSA-1, being built by Fossa Systems and registered at IARU by AMSAT-EA. The Fossa-1 satellite is a pocketQube 1P, that is, a cube with a side of only 5 cm and that will be used to demonstrate the LoRa protocol for the IoT(Internet of things) .It will use other modes like RTTY. The assigned frequency is 436.700 MHz.



HS1ØKING /mm heard on QO-100

On the occasion of the coronation of the king Vajiralongkorn Bodindradebayavarangkun (King Rama X) of Thailand, the Radio Amateur Society of Thailand (RAST) runs, under the auspices of His Majesty for the first time in the history of amateur radio in Thailand, a special event station onboard a Thai Royal Marine carrier, the Chakri Narubet, located in the Gulf of Thailand.

Using the call HS1ØKING/mm it was active till may 6 on the geostationary amateur radio satellite Qatar-OSCAR 100 (P4-A, Es'hail-2).

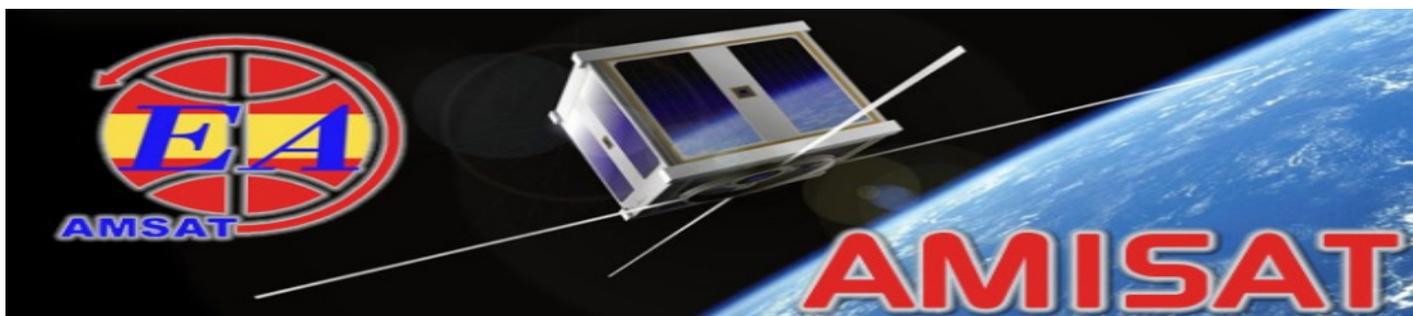


Upcoming launch of UPMSat-2 satellite



The University Institute of Microgravity "Ignacio Da Riva" (IDR / UPM), dependent on the Polytechnic University of Madrid, has made a decisive step in the UPMSat-2 satellite project, led by the center itself and which is expected to be launched in this year 2019. UPMSat-2 is a universal microsatellite of 50 kg of mass, with a parallelepiped shape of 0.5 m x 0.5 m base and 0.6 m height, and which is the logical result of the evolution of the platform of the previous satellite UPMSAT-1, qualified for flight with Ariane-4 in 1995 and placed in orbit in July of the same year. The objective of this new project is to design, build, qualify, launch and operate a new platform based on the previous one, incorporating new technologies and adapting them to the requirements of current launchers. In this mission, the satellite is used as a technological demonstration vehicle in orbit, as well as for scientific and educational applications. The benefits offered by this platform in future missions to the loads that can be included is an available volume of approximately 0.40 m x 0.40 m x 0.25 m, 15 kg of mass and 15 W of power, in a polar orbit around 600 km of altitude. The useful life is estimated in 2 years. In the educational aspect, following the experience of UPMSAT-1, the

development of the different tasks is carried out by teams of teachers and staff of IDR / UPM, as well as PhD and undergraduate students, with open participation to other teaching collectives and researchers. The broadcast of the telemetry will be able to be received by amateurs in 437.405 MHz USBAX.25 1200 bauds.



After the success achieved in 2018, we are already working on the new AM1SAT certificate. This year it will be September 9 to 15 during the ham radio fair IberRadio 2019 - V Feria de las Radiocomunicaciones.

*We will be using the same special call: **AM1SAT***

In the next bulletins we will be posting more information about this certificate with things added, categories etc...

We count on you to repeat the success.

The poster features a stylized city skyline with radio towers and antennas. The text 'IberRadio' is in large blue letters, with 'V Feria de las Radiocomunicaciones' below it. A grid of six photos shows various radio-related activities. The dates '14 y 15 de septiembre' and the location 'Ávila' are prominently displayed. At the bottom, there is a banner with the event schedule: 'Sábado de 10:00 a 20:00' and 'Domingo de 10:00 a 14:00', and the address 'Avenida de Madrid, 102 - Ávila'. Logos for 'IberRadio', 'URE', and 'Ayuntamiento de Ávila' are also present. The website 'www.iberRadio.es' is written vertically on the right side.

IberRadio
V Feria de las Radiocomunicaciones

14 y 15 de septiembre
Ávila

Sábado de 10:00 a 20:00
Domingo de 10:00 a 14:00
Avenida de Madrid, 102 - Ávila

www.iberRadio.es

Ayuntamiento de Ávila

Next Activities

K0FFY, Adam will be with his family (and his radios) in Iceland. The provisional sched is HP95 on July 13 , IP13 and IP15 on July 14-15, IP25 on July 16, IP03 or HP93 on July 17-18 and HP94 on July 19.

WY7AA, RJ and Elco will head south from June 2 to 7 to work the line DM77/78 and along the path they will be in EM87/88 on FM passes and some SSB. From June 8 to 14 EM95, FM06, EM86, EM78, EM69, and EN71. From June 15 to 27 they will be active from FN02, FN10/11, Fn32 and on the wayback from DN71, will also try EN01/02.

N4DCW, Michael will be in the line EM57/67 on June 4 . Only FM.

KI7UNJ, Casey will be activating dn13/14 on June 14, DN21/22 on June 15 And DN22 on June 17 and he will try DN23 on the 18. Then, look for Casey on the Fm birds from DN04 on Friday June 28, from DN15 from Friday night to Saturday night and DN05 Sunday morning.



Ruth, KM4LAO



WY7AA,RJ and his first steps working SSB sats



Phillipe, EA4NF from IM89

Past Activities



KI7UNJ, waiting for SO50

N7AGF, Alex was activating ENx8, ENx7, DNx8 and DNx7 .

KE9AJ, Joe activated Em19 in Kansas.

AD0HJ, Mitch, activated EN17/18 and EN06/16.

KE2QI, Robert, activated the line FN14 / 24.

NS3L, Steve, activated the line FN11 / Fn21.

K2MTS, Michael was active from FN13 / 14.

W5PFG, Clayton was active from DN83, DN91, Dn74, Dn71.

EB1AO, Jose was active from IN53, IN73 and IN62.



ICOM IC-9700

Descuento de 150€ para los socios de AMSAT
(descuento no acumulable con otras promociones)

Llámanos y te informaremos sobre esta promoción
953886155



COLABORATE WITH AMSAT-EA

You can send articles, news, photos and everything that you want to share with the ham radio community. .:

Remember that this bulletin is available to everyone.

Please, send your collaboration to:

eb1ao@amsat-ea.org