Nano-satellite IoT Constellation Program Milestone

We received 68 Mission Proposals from 22 Members

We succeeded to send data to ArkEdge Space's IoT satellite !!

IoT Workshop
Nov 2, 2025
Tokyo, Japan (during UNISEC-Global Meeting)

Step1
Mission Proposal
Jan-Feb, 2025
(17 countries)

Step 2
Frequency Research
(12 countries)
March 2025

Step3
User and Sponsor Research by Hearing
April-June, 2025

Step 4
Lecture on Satellite Design
July-Oct 2025

Step 5
IoT Experiment

IoT Experiment in Taiwan
Mar 2026

Step 6
Ground transmitters will be built in each country and tested on the ground

Step 7
Develop IoT Satellite in each country

144, 168-175 MHz
315, 390-440 MHz
860-930 MHz
2400-2500 MHz

7/24 L.1: Mission and System design, assuming IoT mission
8/7 L.2: C&DH and communication system
8/21 L.3: Orbit and attitude control system
9/4 L.4: Structure and thermal system
9/25 L.5: Overall system design and satellite operation

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