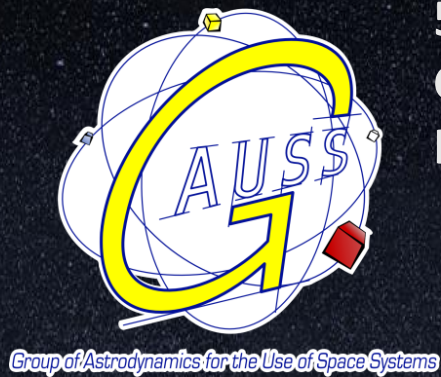




5th UNISEC Global Meeting 2-4 December 2017 Rome

Group Discussion n°5: “PocketQube: A New Opportunity and It’s Challenges”

Marco Truglio
marco.truglio@gaussteam.com

POCKETQUBES: OPPORTUNITIES WITH GAUSS

G.A.U.S.S. Srl



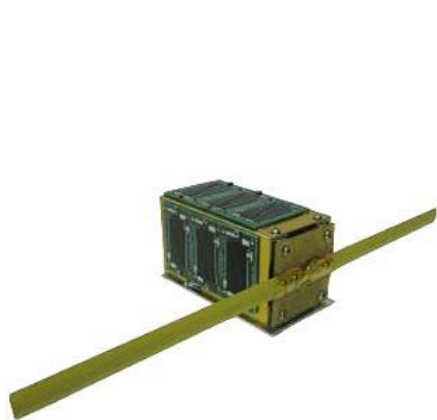
GAUSS UniSat Launch Platforms



GAUSS launched PocketQubes

3

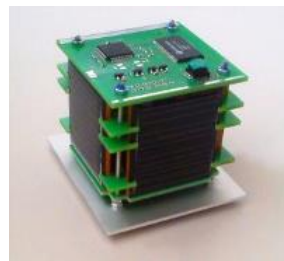
- PocketQubes carried into space with UniSat-5 (2013)



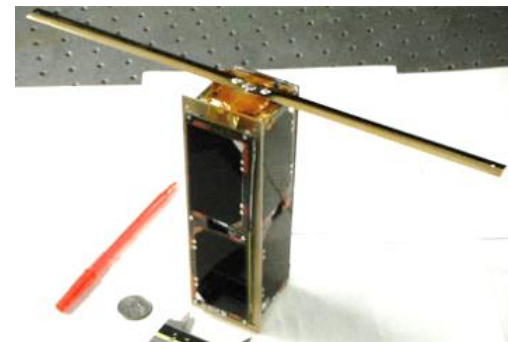
Eagle-2 / 50\$Sat (1,5P)



Eagle-1 / T-LogoQube (2,5P)



Wren (1P)



QBScout (2,5P)



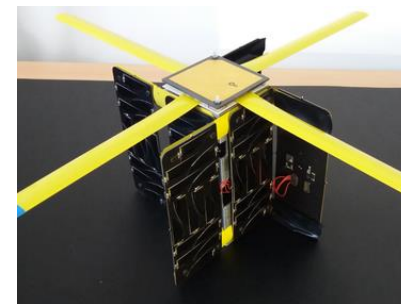
PocketQubes on UniSat-7 (2018)

4

- UNICORN-1 (Alba Orbital, UK)
 - ▣ Size 2P

- SMOG-1 (University, Budapest)
 - ▣ Size 1P

- DIY/Arduiqube (DIYSat., Argentina)
 - ▣ Size 1P





PocketQubes launch opportunity

5

- ❑ Still available on UniSat-7
 - ❑ Up to a 4P or combinations
- ❑ Min N° of PQ units required
 - ❑ At least a 3P or combinations
- ❑ Cost depends on N° PQ units
 - ❑ from less than 20K up to 27K for each 1P





Next launch dates

6

- Soyuz-Fregat
 - ▣ 2019 – 4Q (2020 – 1Q)

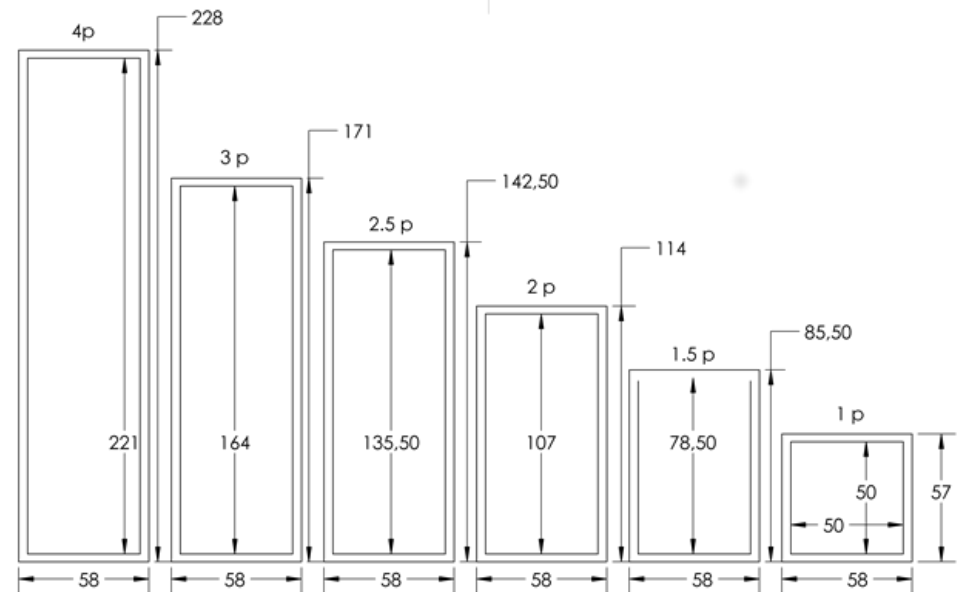
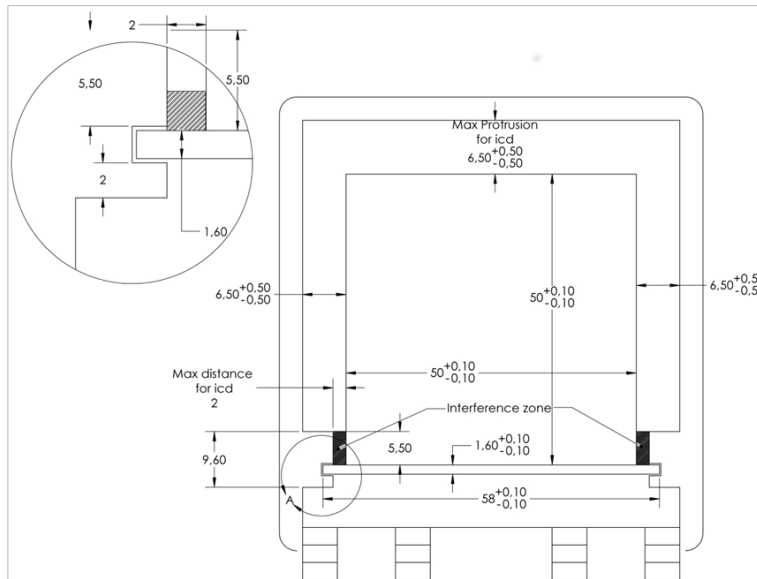
- Work in progress for launch opportunities:
 - ▣ Long March-2, 2018 - 4Q (2019 - 1Q)
 - ▣ ISS (JAMSS/JAXA) (...thinking to the future)



MR-FOD Deployers

7

Deployers for PocketQubes up to 4P

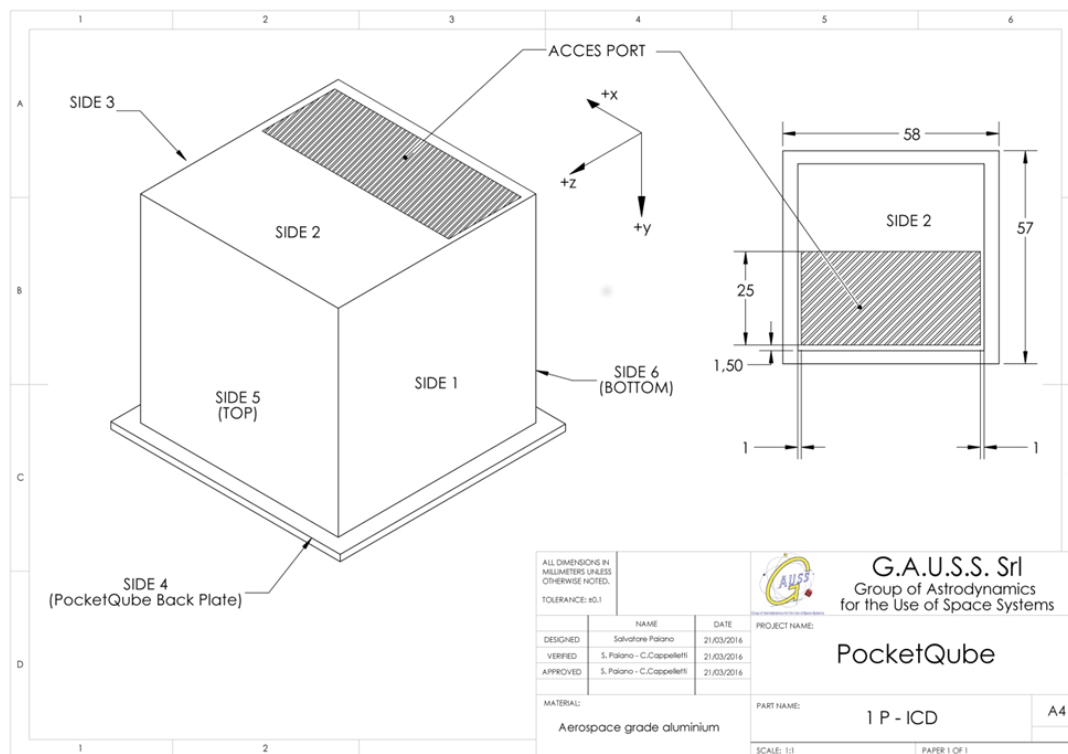




MR-FOD Deployers

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□ Access ports available





Thank you

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