

AMSAT SA CubeSat Project



KLETSKOUS



An IARU Region 1 Event Hosted by the South African Radio League

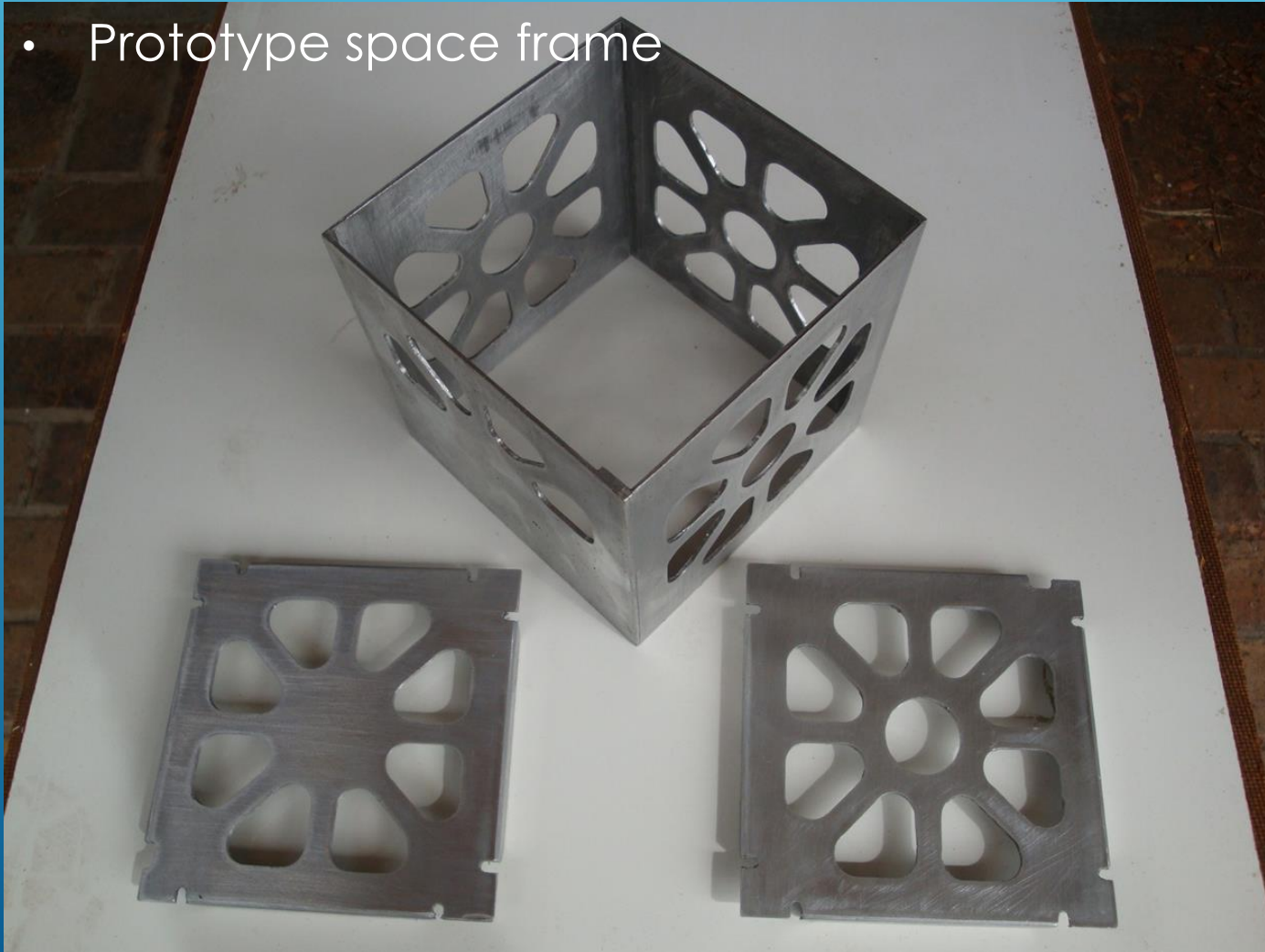
KLETSKOUS OVERVIEW

- Low Earth Orbit CubeSat
- 10x10x10 cm, 1.3 kg
- “Bent pipe transponder”
- 70 cm Uplink, 2m Downlink
- Linear Transponder, 20 kHz Bandwidth
- Multiple SSB QSO’s, at least 2 concurrent FM QSO’s
- Command Uplink
- Telemetry downlink in conjunction with Transponder
- Stabilisation



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- Prototype space frame



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- Transponder, stabilisation, airframe, antennas, eps, etc. will be flying on BACAR
- Work the transponder!
- Frequencies
- Uplink: 145,865 MHz
- Downlink: 435,150 MHz



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- Questions?



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