

VOLT Experimenter Questionnaire

GENERAL

Contact details

Name of the experiment

Aim of the experiment

Brief description of the experiment

Minimum time required to be run for success

Is the experiment confidential?

yes/no

Describe any on-board resources/services that the experiment requires exclusive use of

Describe any on-board resources/services that the experiment requires shared use of

Describe any ground resources/services that the experiment requires exclusive use of

Describe any ground resources/services that the experiment requires shared use of

Is real-time commanding required ?

yes/no

Is real-time monitoring required ?

yes/no

Can it be run in parallel with other experiments?

yes/no

If yes, describe any restrictions/conditions

COMPUTING REQUIREMENTS

Specify which application language will be used

Does it use an FPGA ? yes/no

PERIPHERAL REQUIREMENTS

Does it use a Hyperspectral Imager ? yes/no

Does it use a Context Imager ? yes/no

Does it use an Optical Transmitter? yes/no

Does it use an Optical Receiver? yes/no

Does it use an Auxiliary Optical Transmitter? yes/no

Does it use an Optical Transceiver (Optical FPGA) ? yes/no

Does it use an Quantum Transmitter? yes/no

Does it use an Entangled Photon Source ? yes/no

Does it use a GPS unit? yes/no

Does it use an advanced ADCS unit? yes/no

Does it require access to mass memory? yes/no

Are there any other peripherals required ? yes/no
If so, specify

TESTING AND VALIDATION REQUIREMENTS?

Please specify what would you expect from the space/ground segment for you to test and validate your experiment before running it?

ANY OTHER REQUIREMENT

Links and contact:

[VOLT community platform](#)

[Information for media](#)

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