

# Re: [AER407]Team SRK - Questions for operations assignment

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To: Lian Liu <clare.liu@mail.utoronto.ca>;

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Hi Lian,

Please see my answers below.

Regards,

Chris

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Quoting Lian Liu <clare.liu@mail.utoronto.ca>:

Hi,

We have a few questions regarding the operations assignments:

## Section: Operational Policies and Constraints

1. In the Request for Proposal, one of the quantitative requirements is "Maximum operating life of 10 years". Should here be "minimum" instead of "maximum"?

>> Design for a 10-year lifetime.

1. Can you please specify the differences between "requirements" and "constraints"?

>> A constraint imposes requirements.

1. What is the required number of hours of continuous operation required for this project?

>> This will emerge as part of your design.

1. What's the level of data availability and workspace availability MDA desires?

>> These will become part of your requirements (Systems assignment).

1. What's MDA's policy on use of radioisotopes for this project? And is there any other policy we need to take into account?

>> Radioisotopes are OK.

1. Is there any customer-requested design solutions we should consider for this project? (e.g. use existing ground station)

>> No.

#### Section: Description of Proposed Design

1. Do we need to consider the module for the "Operational Environment"?

>> Yes.

1. How in detail is the "Quality Attributes" section expected to be?

>> This can be qualitative and short.

Thank you for your help, and hope to hear from you soon.

Best Regards,

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