

CSA Meeting (03-11-2023)

The sample image orders, they did not ensure that they all would be met by the system. For example, the fov restriction may prevent a sample request from being possible to be fulfilled.

if you have a recurring event, you should have the option to decline each instance of it, it shouldn't be all or nothing.

Schedule that is going to the satellite:

- let's say in case of a maintenance that is recurring, we have sent maintenance request for 7 days, but for day 4 we got something we wanna do, or we have a problem with it, we just wanna cancel the one for day 4.
- For images, maybe we got an entire list of images going in but we have one or 2 causing problems. we should be able to remove them specifically
- Conversely, maybe there's a whole list sent by a user, we should be able to like remove their entire order - all images sent by them in that
- we may want to remove based on specific times - maybe remove all image requests between these two times, e.t.c. we may simulate this using outage request maybe?
- A recurring request is a parent with multiple children. we want to either be able to decline the parent(this means all children removed), or remove specific children

Revisit time is always false for sample orders. what would it look like if it wasn't false? They intended to send ones with revisit time. they will send us another batch of 50 sample orders.

should we be able to decline even after the schedule has been sent to the groundstation?

- yes. as long as it hasn't been executed, we should be able to remove it, even if it has been sent out to the
- if it is on board the spacecraft and we are able to contact the spacecraft before it is executed to remove it, we should support being able to remove it even then.

what does that dropbox feature look like? through gui, or what?

- by dropbox, they mean they can put it in some ftp server and we can pick it up from there. we don't have to worry about that functionality, we can just put it in a folder locally to simulate the dropbox - when we drop things in there, things pick up in our system.

What other stuff can we put on the groundstation dashboard?

how many contacts are planned on groundstation? (to give snapshot of how busy it will be

e.t.c.)

images downlinked over the last 12 hours? e.t.c.

just stuff to give overview of how the gs or sat is being used at the specific time so that the operator can just from a glance see - i have this, that, historical context that this many requests sent, e.t.c. and decide, ok, everything looks good.

current contact, upcoming contact

what about dashboard for satellite?

number of images onboard (number of images executed, and number of images scheduled)

satellite's current location

it is up for us to decide whether to have dashboard lead to other places or display information incrementally. as we work on it, it will be easier for us to

the important things in deciding how the system is designed, are likely the important things to understand the underlying system - what is going on.

The duration and gaps are all in seconds, to make things easy and consistent.

Revisit Time - what is it expected to look like?

```
{
  "Latitude": ...
  ...
  "Recurrence": {
    "Revisit": "True",
    "NumberOfRevisits": 3,
    "RevisitFrequency": 4,
    "RevisitFrequencyUnits": "Days"
  }
}
```

Will they send how the outage requests will look like? Yeah, they're working on it. busy week for them.

If we don't have outage requests by monday evening, send them an **angry email**

They will send us outage requests for the satellite and groundstation, and requests with revisit time