

To: Richard Peal
E-Mail: richard@acmeaom.com
From: Nimesh Sangani
Date: August 18, 2021

Subject: Additional Information Request

Message:

Please address the following questions and concerns.

- 1) Applicant states MyRadar1 will only transmit in X-band to KSAT's Los Angeles, CA earth station site. The ground stations are receive-only and will not transmit for the MyRadar1 prototype. Please provide the TT&C Earth station locations and frequency bands or file number.
- 2) The spacecap contains 3 separate API notices: TRSI, HORIS and MYRADAR1. Only 1 API file is permitted per spacecap file. The applicant will need to provide a separate spacecap(AP4) and cost recovery for each cubesat filing. The documentation provided indicates the MyRadar1 is an experimental that is part of HORIS. Please clarify.
- 3) The orbital information on the Notice tab of the spacecap is incomplete. Please complete.
- 4) The applicant selected A4b1a (constellation) as well as marking this as Single. Please verify/correct.
- 5) The applicant marked B3b1b in the Beam tab, that applicable PFD will be met by applying the method in Annex 1 of ROP, however no PFD calculations have been provided. Please provide the PFD calculations.
- 6) Remove the service area map in GIMS file and provide the space station antenna beam diagrams in polar plots
- 7) Complete the additional data form (attached)

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of August 18, 2021 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

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Responses to this correspondence must contain the Reference number : 64066