

Applications approval process

- 1) Requester defined as Interested Railroad or a Vendor with identified railroad sponsor and contact information for both.
- 2) Requester must document expected messaging behavior including the following information:
 - a. Meteorcomm Form with description as follows. (MCC to determine requirements) requester to engage Meteorcomm for technical expertise and potential load studies for the requested application.

Local Channel Use	Yes/No
Alternate Network Available	Yes/No
Estimated Message Sizes	In bytes
Frequency of Messages	Maximum Rate per second •Average data rate •burst rate •MCC to determine any other parameters
Direct RF	Yes/No
ICD Available	Yes/No

- 3) Requester submits documentation to PTC-220. Information form from above, plus a Use Case Description, and a Concept of Operations.
- 4) The PTC-220 Spectrum Management Committee (the "SMC") will then determine which Subject Matter Experts will need to review the information for further consideration. The SMC will also compare the request to the applications already outlined for future use within the Application Prioritization Matrix as per the PTC-220 Shared Use Agreement and will determine whether the proposed application aligns with that structure. Note that the PTC-220 network at this time can only accommodate safety-related applications (classified as Class 0 or Class 1 in the Application Prioritization Matrix).
 - a. The SMC assigns team to return with comments (approval/ disapproval) and recommendations within a 60-day timeframe.

The SMC will forward the form and information to MCC. Within 10 business days, MCC will contact the requester to develop an agreement to perform the analysis
 - b. Upon contact with the requester, MCC will notify the SMC that they have contacted the requester.
 - c. MCC will provide status updates to the SMC regarding the status of reaching an agreement with the requester on a 2-week cycle (or sooner if

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appropriate). The terms of the agreement will be between MCC and the requester.

- d. Upon signing of an agreement, MCC will notify the SMC that the agreement has been completed and an expected time to complete the analysis.
- 5) Upon signing of an agreement, MCC and the requester will work together to complete the analysis.
 - a. MCC will provide periodic updates to the SMC regarding the progress of the analysis. The period of the updates will be based on the scope of the analysis.
- 6) Upon completion of the analysis, MCC will provide the results to the requester and the SMC.
 - a. MCC and the requester will present the results to the SMC and answer questions.
 - b. The requester may update or withdraw the request after the MCC analysis has been completed.

All applications will be subject to compliance with applicable AAR standards.

- 7) (ITCR/ITCM) and a formal recommendation will be returned to the SMC on the feasibility of utilizing the PTC-220 network for the requested application – within a 60-day timeframe.
- 8) The SMC will also do its own analysis of how the request fits within the Application Prioritization Matrix and return a formal approval or rejection to the requester.