

TARGET INITIAL CONFIGURATION REVIEW CHARGE

An important FY10 milestone in the MAP R&D plan is to specify an initial configuration for the proton target. This includes target systems, magnet shielding, beam dump, and the interface to the downstream decay channel (e.g. beam window). After arriving at an initial configuration, future changes will be subject to a change control process. To arrive at the initial configuration we would like comments or recommendations on the following:

1. What has the experimental program (including MERIT) established / not established?
2. Is the proposed initial configuration likely to meet its requirements?
3. Is the documentation describing the initial configuration adequate? How can it be improved?
4. What are the main risks and uncertainties associated with the proposed initial configuration, and what actions should be taken to mitigate the risks and reduce the uncertainties?
5. Are the proposed fall-back options appropriate?