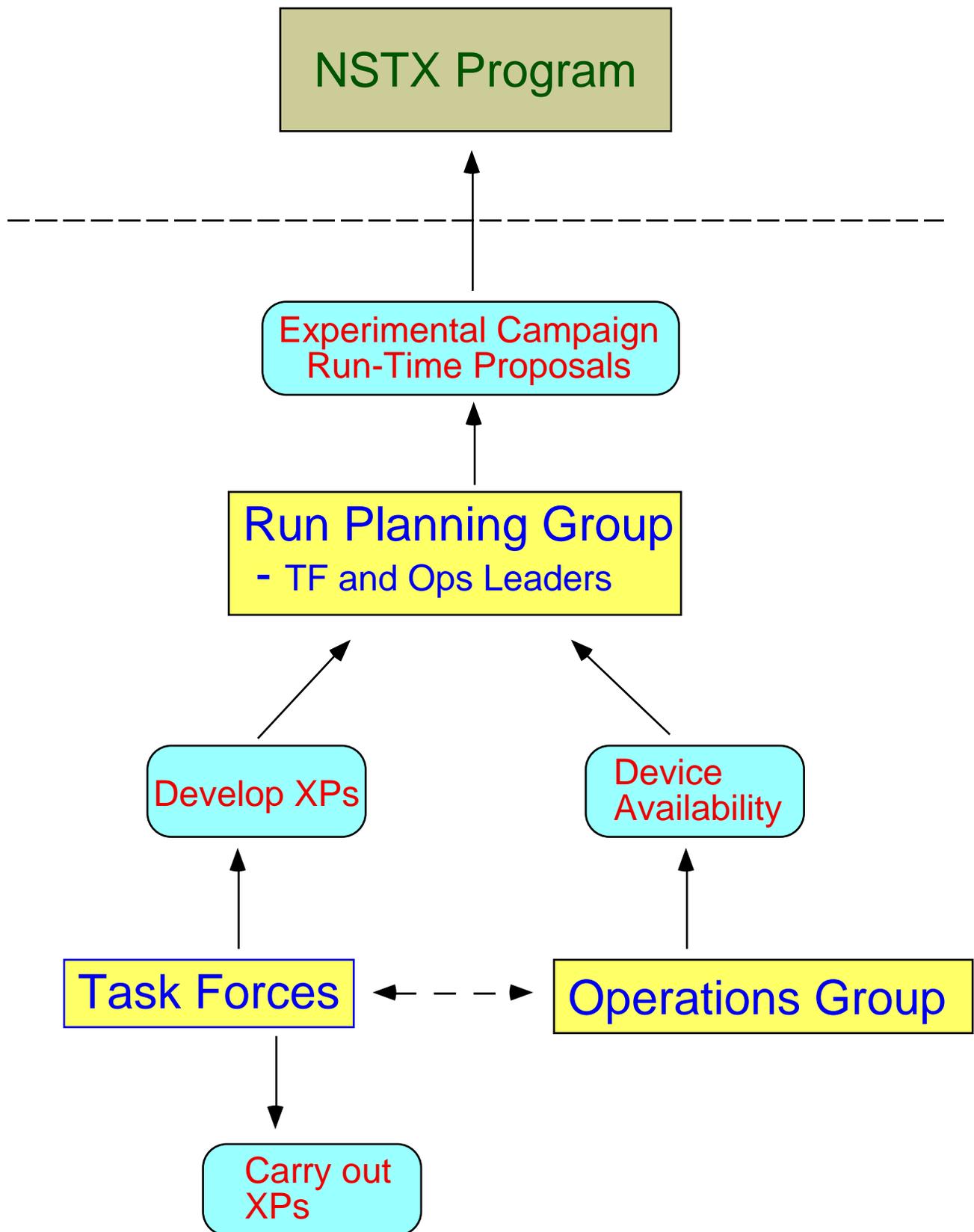


# NSTX Experimental Run Planning - Draft



The flow chart to the left is a draft of the process for developing the experimental campaign strategy and individual experiments on NSTX. The composition of the NSTX Program is intentionally left vague, as the precise nature of this "oversight" body will be funding dependent. It is expected that there will be an "Executive Committee" composed of NSTX management personnel and representatives from each funded institution whose function it will be to

- Develop major goals for each experimental campaign
- Decide on specific run-time allocations based on the Run-Time proposals developed by the Run Planning Group
- Identify the Task Force topics and name the Task Force Leaders
- Interact with the PAC

At the working level (below the dashed line), the major work will be carried out by the Task Forces, composed of both PPPL personnel and collaborators. Participation in the Task Forces is open to all funded participants. The Task Forces can be headed either by PPPL personnel or collaborators. The Task Forces will be responsible for developing individual experimental proposals (XPs) within that topic, prioritizing the XPs, and requesting the amount of run-time necessary to carry out the XPs.

This XP development will be assisted by communications between the Task Force members and members of the Operations Group (e.g., Physics, Torus Operations, Heating Systems, etc.), who will know the availability of the key facility components.

The Run-Planning Group, which will consist of the Task Force Leaders, Head of Physics, Head of Ops., Head of Heating, etc., will be responsible for pulling together the Run Requests from each individual Task Force and developing a comprehensive Run-Time proposal for that experimental campaign.

The Run-Time Proposal will be reviewed and run-time allocations will be recommended by the Executive Committee.

The Task Forces, with the aid of the Ops Group, will then iterate on the Run-Time Proposal.

The individual XPs will be carried out by the XP authors within the Task Force structure.