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pbar start-up Draft 1
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Start assuming:

- safety systems Testing complete
- Power supplies testing complete

8GeV Reverse protons:

- 2-4 shifts: establish reverse proton beam to Debuncher --good transfer efficiency; orbit & acceptance measurements for Acc & Deb
- 2 shifts: data collection of prototype pickup array #1 (Deb rev prot)
- Until Day shift: Commission new beamline pre-amps (D/A & AP2), new AP2 trims, ACC Running Wave
- Day Shift: swap prototype arrays ---MI&pbar establish 120Gev to target
- 1 shift: Deb pump down, 8GeV beamline optics measurements, AccRunning wave commissioning
- 2 shifts: data collection of prototype pickup array #2 (Deb rev prot)

Stacking:

- 2 shifts: pbars to Deb; checkout of Deb cooling; beam to Acc
- 2 shifts: checkout of stacktail and core systems Until Day shift: Further stacking checkout

8GeV Reverse Protons:

- Day Shift: Remove prototype tank from Deb.; 120GeV beamline optics 4-6 shifts: optimize ACC & Deb acceptances

Optional to continue with Rev Prot studies (such as AP2 studies)

Eventually need to stack with goal or re-establishing shot mechanics