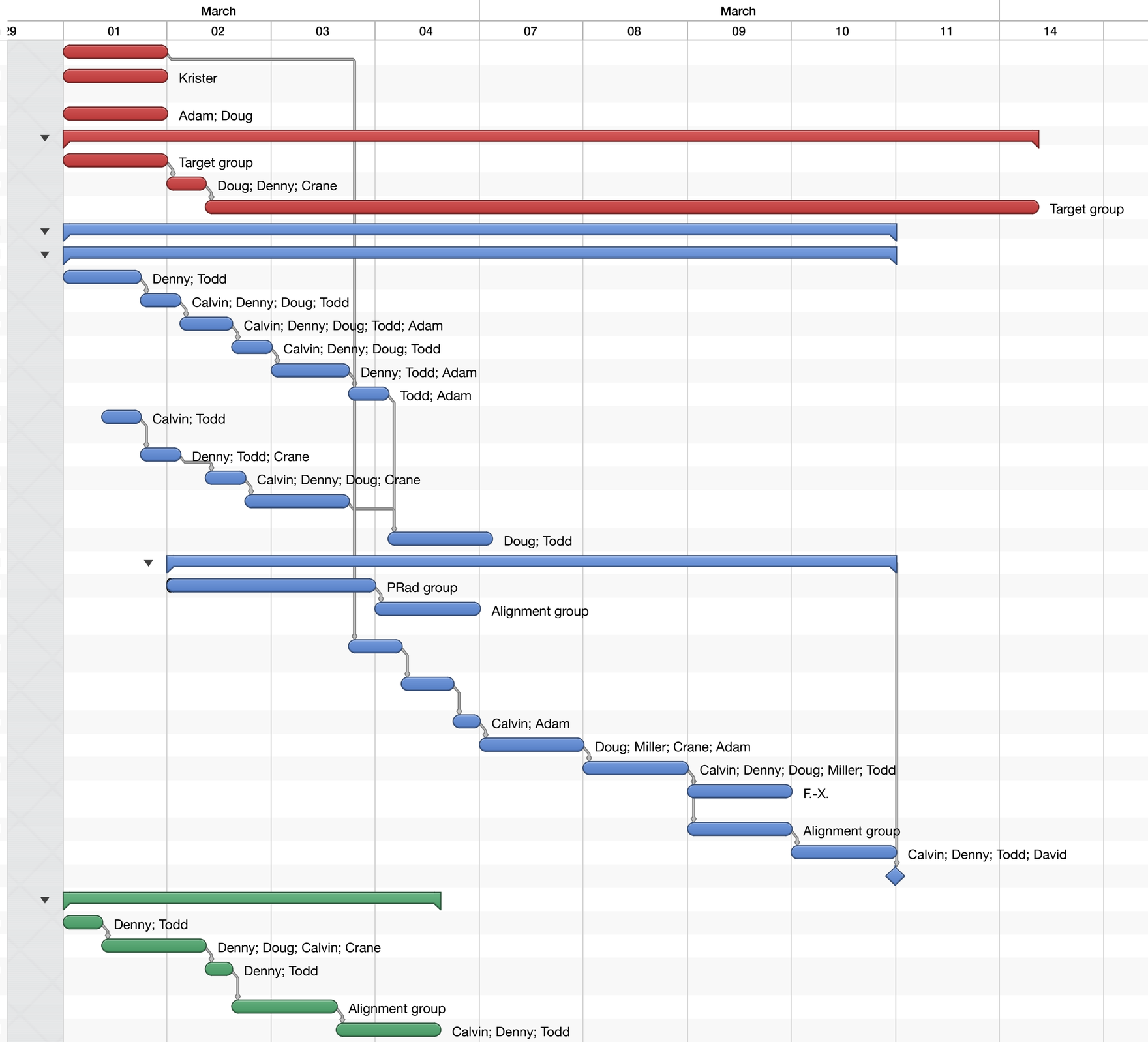Title	Effort	Duration
1) Install collimator box (January)	1d	1d
2) Install HyCal Emergency STOP button in the counting room (January)	1d	1d
3) Machine base for Harp installation	2d	1d
4) Install target	2w 1h	1w 4d 3h
4.1) Transport target	1d	1d
4.2) Crane in PRad target	1d 1h	3h
4.3) Make target operational in the hall	1w 3d	1w 3d
5) Convert from HPS to PRAD (March)	7w 1d 1h	1w 3d
5.1) HPS removal	7w 1d 1h	1w 3d
5.1.1) Bleed and back fill beam-line	6h	6h
5.1.2) Remove DS beam pipe	1d 4h	3h
5.1.3) Move Pair Spec Magnet to beam left	2d 4h	4h
5.1.4) Remove HPS downstream Girder	4d	3h
5.1.5) Remove 2H01 harp from alcove	6h	6h
5.1.6) Install beam pipe through Alcove	6h	3h
5.1.7) Disconnect beam pipe downstream of the tagger	6h	3h
5.1.8) Move 2H01 BPM to floor	1d 1h	3h
5.1.9) Remove upstream HPS girder to floor	1d 4h	3h
5.1.10) Move HPS girder and 2H01 BPM to storage	1d	1d
5.1.11) Install new beam pipe to Alcove	2d	1d
5.1.12) Upstream beam line setup	3w 4d 4h	1w 2d
5.1.12.1) Install GEM detector	2d	2d
5.1.12.2) Survey HyCal on the transporter and GEM	1d	1d
5.1.12.3) Install 2H01 harp downstream of collimator box	4h	4h
5.1.12.4) Test collimator box and 2H01 harp	4h	4h
5.1.12.5) Transport vacuum box	4h	2h
5.1.12.6) Install PRad vacuum box	4d	1d
5.1.12.7) Vacuum windows	1w	1d
5.1.12.8) Install downstream halo counters	1d	1d
5.1.12.9) Survey and alignment	1d	1d
5.1.12.10) Pump down beam line	4d	1d
6) Installed in calibrate configurartion		
7) Configuration change from calibration to running	1w 4d 2h	3d 5h
7.1) Bleed and back fill beam-line	6h	3h
7.2) Put HyCal on the cart	4d	1d
7.3) Install beam pipe through HyCal and attach to the window	4h	2h
7.4) Survey and alignment	1d	1d
7.5) Pump down beam line	3d	1d