

Disregard everything that's outside of the ellipse, it's old exploratory stuff from a chart package entitled 'SNAP Configurations' from around 10/25/00. That chart package showed a 'conical' filter-wheel with a tilted GigaCam and is reproduced here. I've highlighted the wheel assembly in blue to illustrate what I was trying to say in 'words' in the e-mail reply. Things get pretty crowded for the optical paths to the auxiliary science instruments. I think that the 'stretched' optical design is preferable, more dewar real-estate, the auxiliary instrument beams aren't buried inside of the bulkhead, the filter wheel assembly isn't as space constrained, etc., etc.

