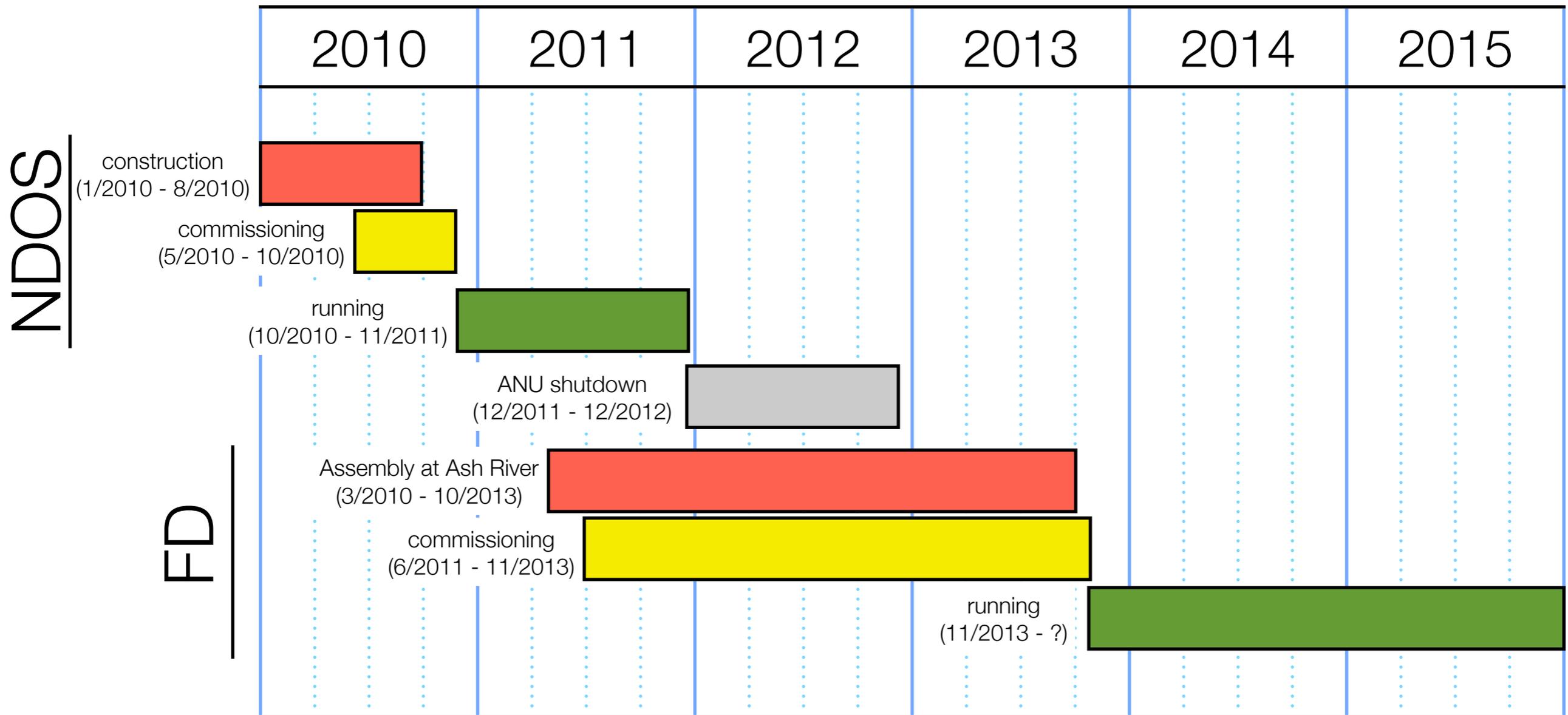


# NOvA over the next few years



NDOS = near detector on the surface

FD = far detector at Ash River

# NOvA over the next few years

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- Between now and summer 2010 we will be building the near detector on the surface. Construction is complete during the summer and we will commission it through the fall. 2010 will be a fairly busy time at Fermilab. I estimate roughly ~15-20 additional collaborators (collaboration survey underway and incomplete) onsite above our current baseline. To operate this detector we will need a control room (mid summer 2010) and have scoped out space in 12NW.
- Heading into 2011 and continuing through 2012 we will be running the near detector on the surface and constructing the far detector. The focus will be at Ash River and presence at Fermilab will be moderate (maybe ~5-10 people above baseline) for NDOS running. As more of the far detector is completed, control will gradually shift toward Fermilab.
- Heading into 2013 we will begin to hit our steady state and begin to have roughly the same footprint at Fermilab as MINOS has now.

# “NDOS” era (2010-mid 2011) control room needs

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Total: 9 monitors, 5 consoles

- 4 monitors for DAQ control and monitoring
- 5 monitors for slow control and monitoring
- Assuming existing NuMI control and monitoring remains in 12NW
- 1 web server machine
- 1 console for run control
- 1 console for monitoring and event display
- 1 console for DAQ monitoring
- 1 console for slow control
- 1 console for logbook and general use
- 2 phone lines

# Ash River era (2012 on) control room needs

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Total: 18 monitors, 9 consoles

- 8 monitors for DAQ control and monitoring
- 10 monitors for slow control and monitoring
- Assume existing NuMI control and monitoring remains in 12NW
- 1 web server machine
- 2 consoles for run control
- 2 consoles for monitoring and event display
- 2 console for DAQ monitoring
- 2 console for slow control
- 1 console for logbook and general use
- 4 phone lines