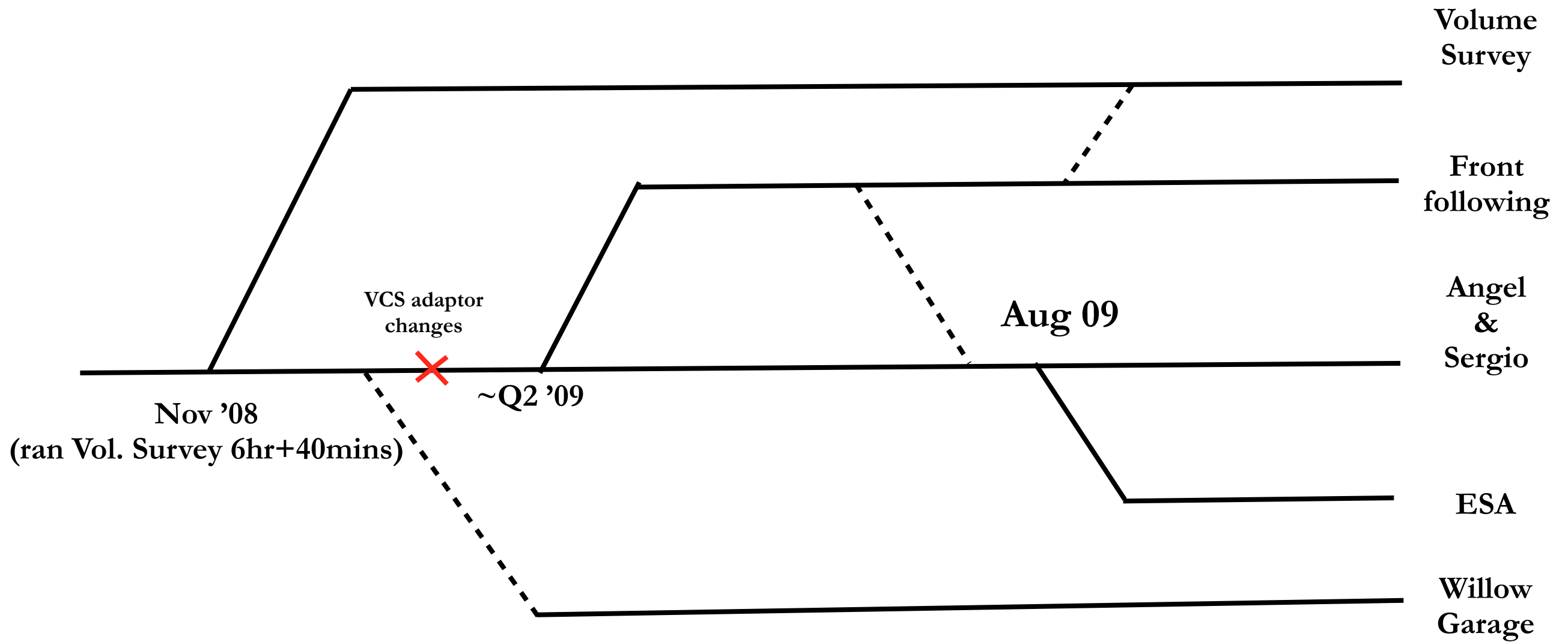


State of SVN Repository as of Oct 2009



List of Action Items

1. Anytime plans (a la Angel)
2. Gulper utility functions (Angel)
3. HMM learning inclusion (Sergio)
4. Latency modeling for P-Sim (BR)
5. Garbage collection of stack for flight (and test) code (FP)
 - good but not critical and only in Linux
6. Feedback from stack changes (TOR)
7. Modular core EXEC so EXEC is only reactive
8. Interruptibility of the mission
 1. Allow restarts
 2. ensure that multiple missions can be done
9. Incorporate EUROPA & WG changes
10. T-REX Jr.
11. Monte-Carlo (MC) running on F-Sim: this would be *very* helpful for running large # of runs and doing so fast.
12. Cluster driver to be ported to Linux

List of Action Items

1. HMM Learning will be part of a reactor
 - Can test immediately after Nov 4th mission
 - **Fly this on Nov 19th**
2. #4 needed by Dec. for use in testing for Dec block (need to inform Brent)
3. #5 FP will give to KR for testing with F-Sim
 - patch for Linux applied, results not conclusive
4. 2010 inclusion
 - #1, #2, #7 (all together with Angel's SVN branch)
 - #6
 - #8 is critical and needs to be prioritized
 - #11 has lots of engineering work.
 - ◆ Monte-Carlo (MC) will need to figure out how to change current, initial pos of vehicle
 - ◆ Could do randomization with just the config file. Useful only for inter- and not for intra mission runs (see Zeyn's Report on how MC is set up).
5. #9 is low priority
6. #10 is to be called 'Smart Gulper'. Sergio will build and test.
7. #12 needs to be done when AUV Linux tests are complete