DGC 120 Planning team meeting - Week 9

TA:
- Lars Cremean (lars @cds)

Stereovision subteam:
- Jeremy Gillula (jeremy @its)
- Haomiao "H" Huang (haomiao @its)
- Gunnar Ristroph (gunnar @its)

LADAR subteam:
- Mike Thielman (thielman @yahoo.com)
- Kristo Kriechbaum* (kk @its)

Email all: team-software @cds.caltech.edu

Global subteam:
- Alan Somers (somers @its)
- Rocky Velez (rocky @its)

Planning systems subteam:
- Sue Ann Hong (sueh @its)
- Thyago Consort (thyago @cds)
- Adam Craig (craig @its)
- Luis Goncalves* (luis @vision.caltech.edu)

Road following:
- Jeremy Gillula (jeremy @its)
- Christopher Rasmussen (cer@cis.udel.edu)

* = Non-DGC 120 support, minimum time commitment 10 hrs./wk., attend project meetings (Mondays, 8pm, 139 Moore), planning team meetings (Wednesdays, 8pm, 139 Moore), subset of field tests

Meeting Goals and Agenda

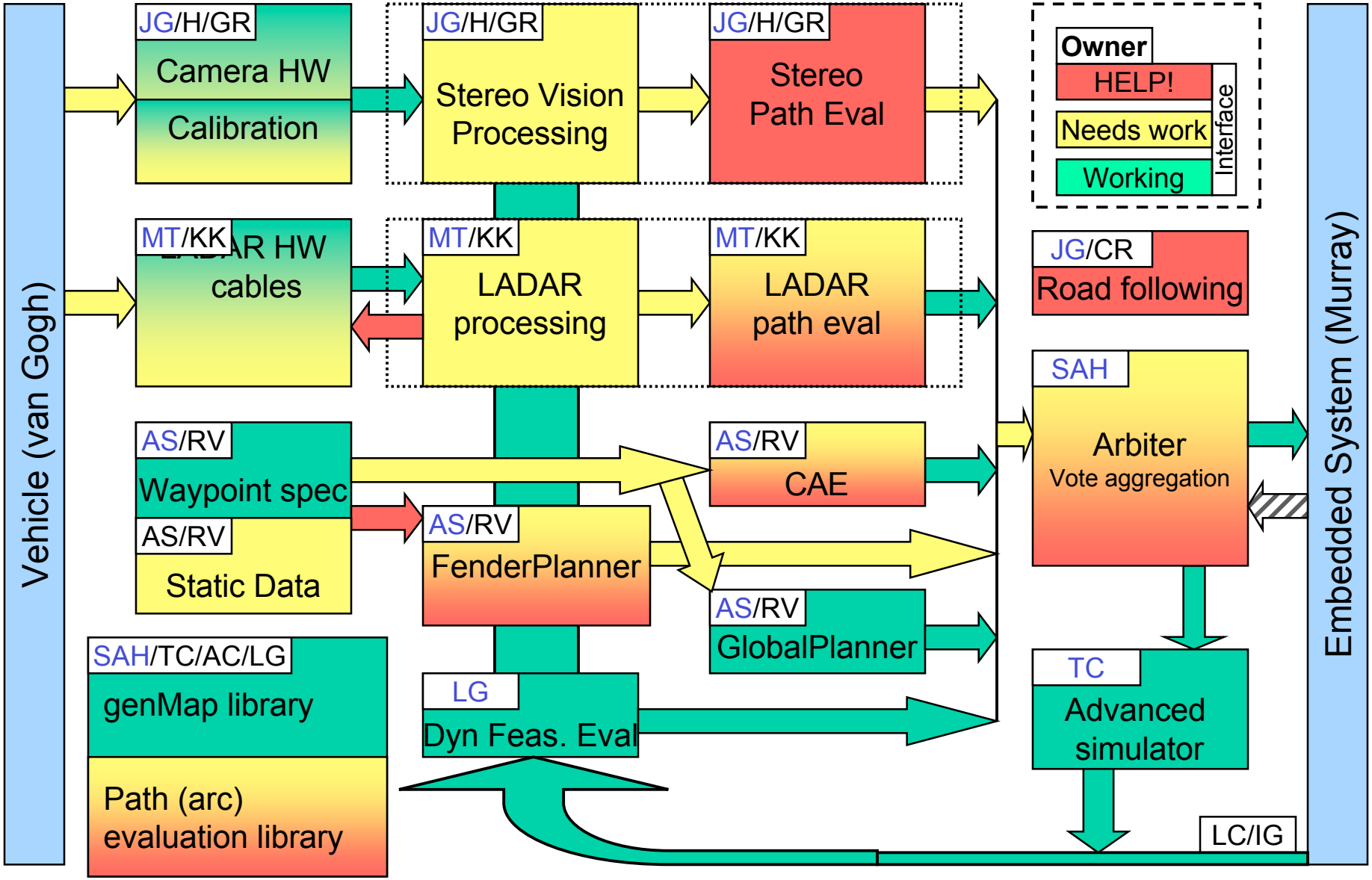
Goals:

☒ Update status chart
☒ Review, update and prioritize task lists, focused on QID event
☒ Schedule midweek and weekend test plan

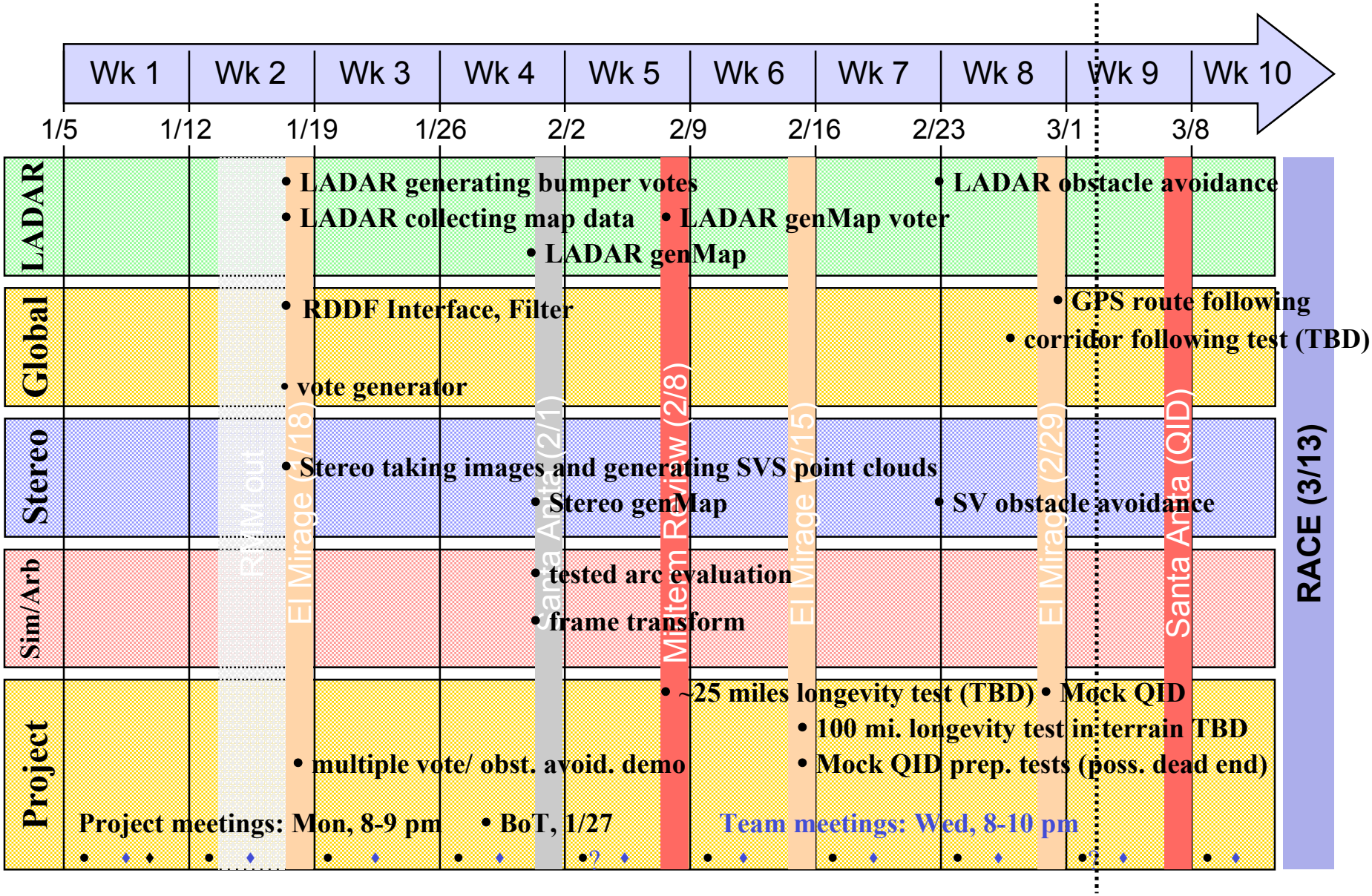
Agenda:

7:00 Meeting goals, agenda (assign note taker)
7:05 Status chart update (with comments)
7:25 Task list review, prioritizing, top fives
7:45 Testing timeline
8:00 Adjourn

DGC 120 Planning team status chart



DGC 120 Planning Team Timeline



Bugzilla updates - Task list, Action items

Top Five:

Stereovision subteam:

1. Parameter settings (GR/JG)
2. obstacle detection (*H*)
3. obstacle avoidance TESTING (GR/JG)
4. vote generation (goodness/speed)
5. LR cameras integration (GR)
6. Expiring map data
7. Optimization

Global:

1. FenderPlanner (RV)
2. Static data handling, implementation and integration (AS)
3. Static data collection (LC)

LADAR subteam:

1. Obstacle detection
2. Obstacle avoidance TESTING (focus on QID) -KK/MT
3. Expiring map data (with SV) -KK
4. LADAR driver, reset mechanism - MT

Planning subteam:

1. ***Path evaluation (esp. NO_DATA) - TC/AC/KK***
2. Path evaluation speed control - TC/AC/JG
3. Arbiter vote aggregation (esp. DFE) - SAH
4. Dead end scenario testing -SAH