

DGC 120 Planning team meeting - Week 4

TA:

- Lars Cremeen (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)

Global subteam:

- **Alan Somers** (somers @its)
- Rocky Velez (rocky @its)
- Les White* (leswhite @adelphia.net)

Planning subteam:

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

Email all: [team-software @cds.caltech.edu](mailto:team-software@cds.caltech.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

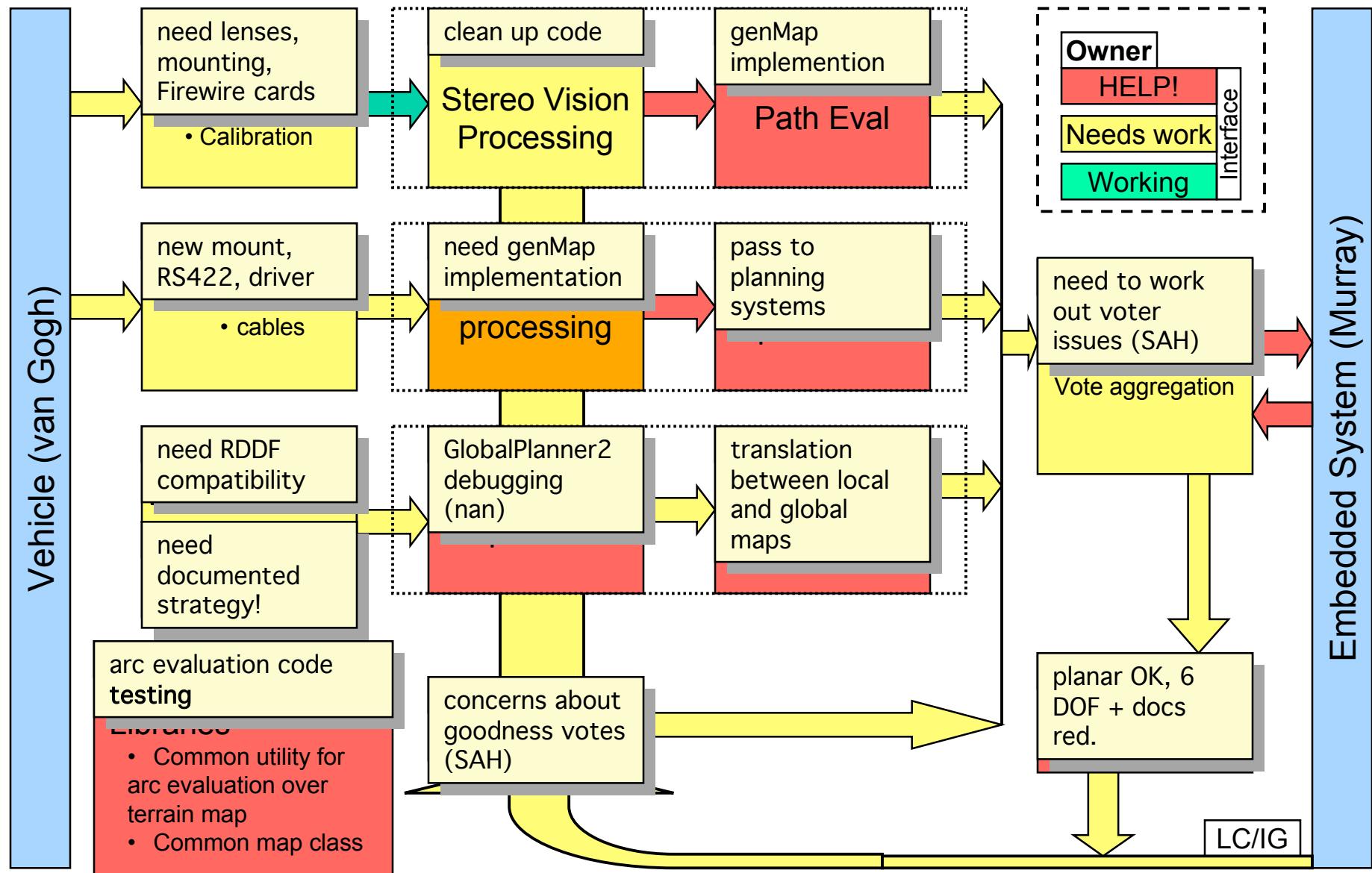
Goals:

- Update status chart
- Review and update team timeline
- Generate checklist(s) for field tests
- Review, update and prioritize task lists

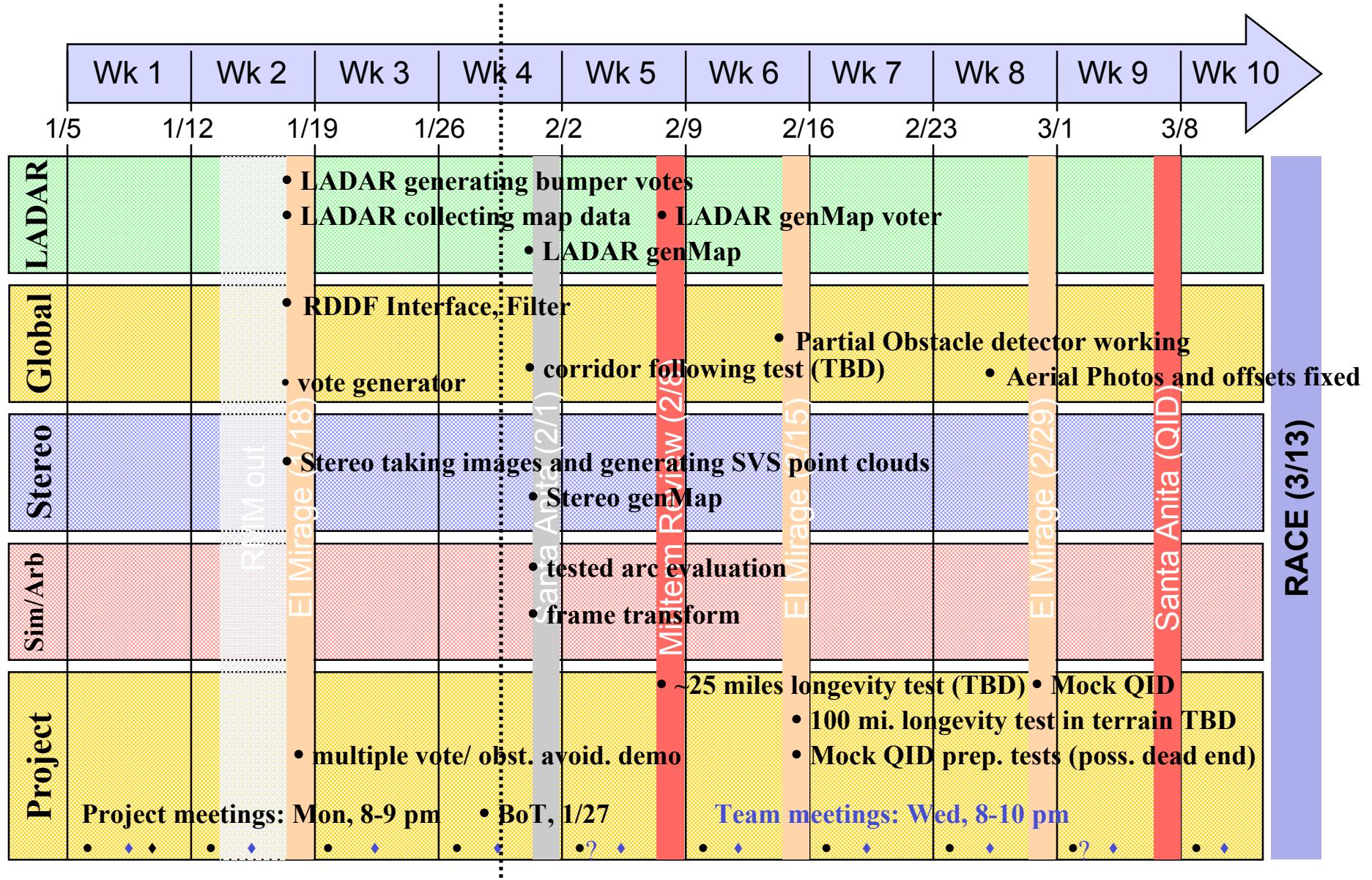
Agenda:

- 8:00 Meeting goals, agenda (assign **note taker**)
- 8:05 Status chart update (with **comments**)
- 8:20 Timeline update
- 8:35 Checklist for Santa Anita weekend field tests
- 8:55 Task list review, prioritizing
- 9:20 Adjourn

DGC 120 Planning team status chart



Planning Team Timeline



Checklists and documentation

Working with your team, generate a checklist for procedures that will be performed at Field Demo #2 (Santa Anita). Use this checklist and modify it to account for any problems that you determine.

Before leaving the shop

- CVS updates on all (relevant) race computers for all users
- Make clean in top level
- Make install in top level
- Make clean in RaceModules and DevModules
- Make in RaceModules and DevModules
- Run all modules to test MTA receive keys (different people, different computers, ...)
- Check logfiles (ideally using scripts) for all logfiles, images

In the field

- Power to operations center
- Networking setup (Freewave, 802.11, operations center, LAN line, CVS)
- vstate check
- Subteam checks (**TODO**)

Bugzilla updates - Task list, Action items

Top Five:

Stereovision subteam:

1. genMap implementation
2. Clean up SVS code (structuring)
3. Documentation!

Global:

1. Build Bugzilla tasks
2. Corridor following specification
3. Change to RDDF format
4. Static map plan
5. MATLAB/ networking

LADAR subteam:

1. MATLAB visualization
2. Reaction time test plan
3. Data collection utility
4. LADAR failure analysis

Planning subteam:

1. Path evaluation
2. Frame transform class
3. Simulator class and documentation
4. Contingency planning