

DGC 120 Planning team meeting - Week 5

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 systems 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

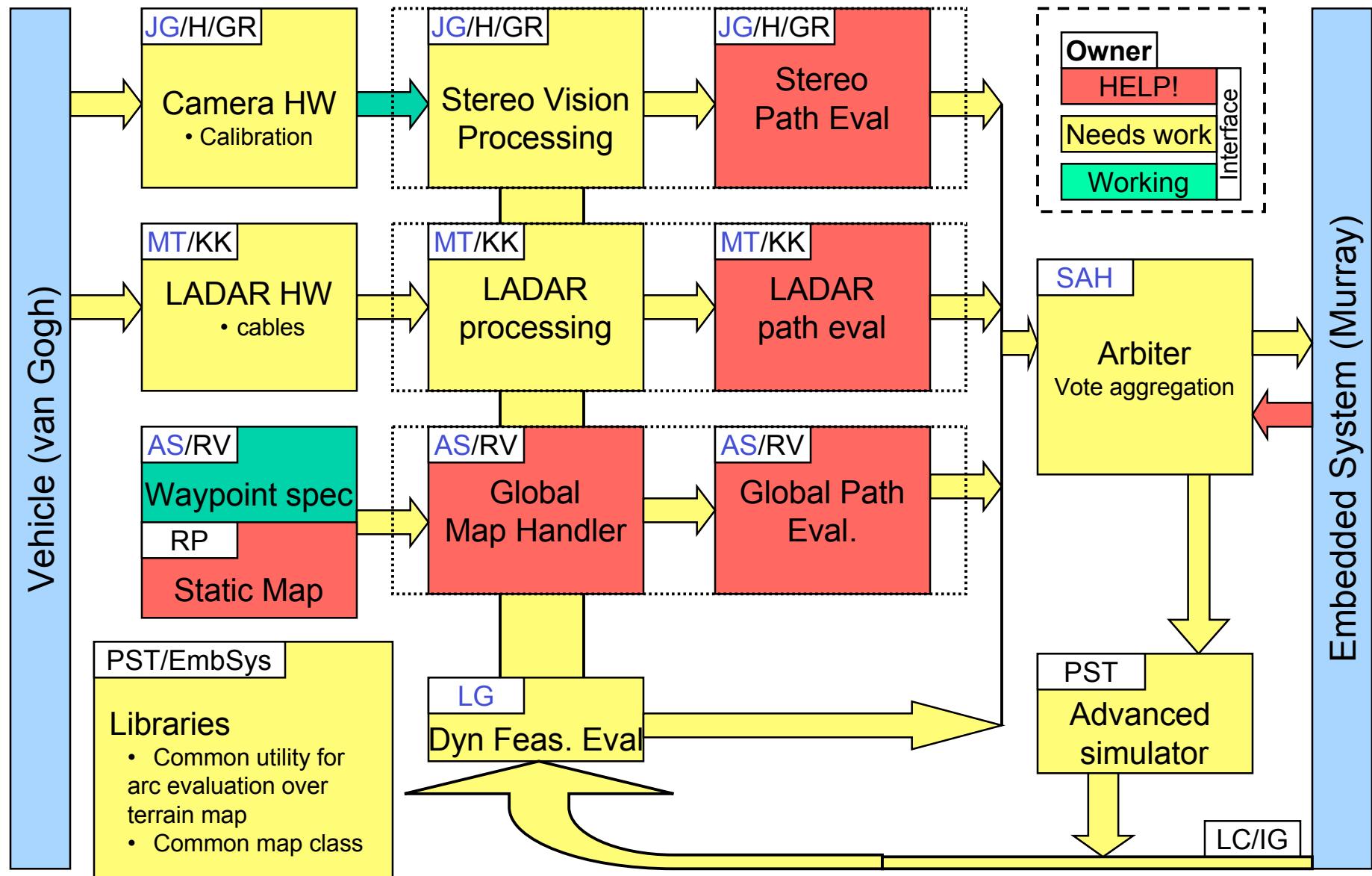
Goals:

- ☒ Update status chart
- ☒ Discuss global team plans
- ☒ Review and update team timeline
- ☒ Review, update and prioritize task lists

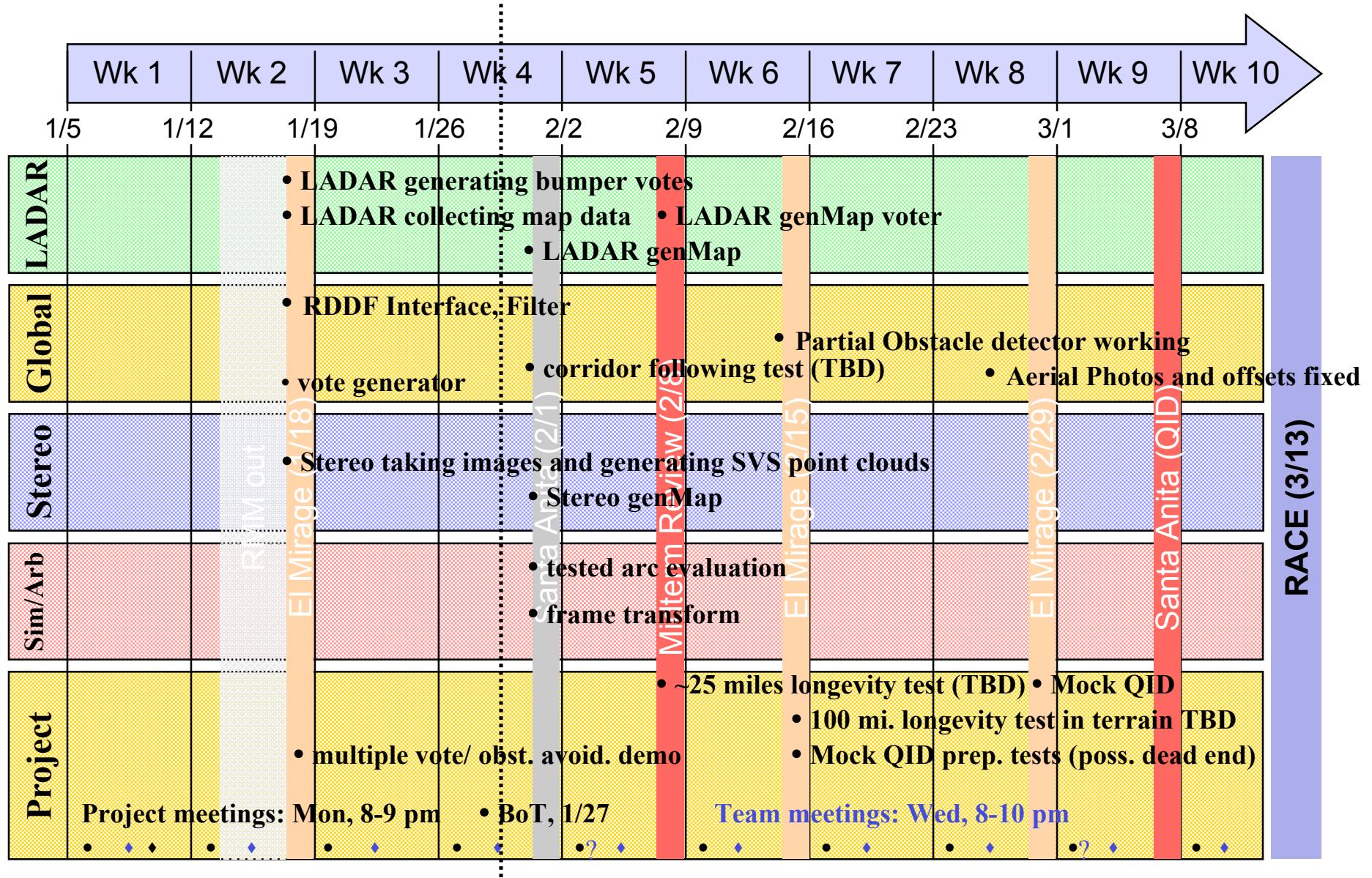
Agenda:

- 8:00 Meeting goals, agenda (assign **note taker**)
- 8:05 Status chart update (with **comments**)
- 8:20 Global plans discussion
- 8:35 Timeline update
- 8:45 Task list review, prioritizing
- 9:00 Adjourn

DGC 120 Planning team status chart



Planning Team Timeline



Bugzilla updates - Task list, Action items

Top Five:

1. Networking in the field

Stereovision subteam:

1. Road following integration
2. SVS tweaking
3. genMap testing
4. Clean up SVS code
5. cables, mounting, Firewire cards

Global:

1. GlobalPlanner (waypoint following)
2. CorridorArcEvaluator
3. GlobalMapHandler
4. Corridor following documentation

LADAR subteam:

1. genMap testing
2. LADAR driver
3. LADAR failure analysis
4. MATLAB visualization (see below)
5. mounting, cables

Planning subteam:

1. Tool to integrate terrain into simulation runs
2. Visualization tool for genMaps (static and real-time)
3. Logging tool for genMaps (MATLAB)
4. Path evaluation (esp. testing)