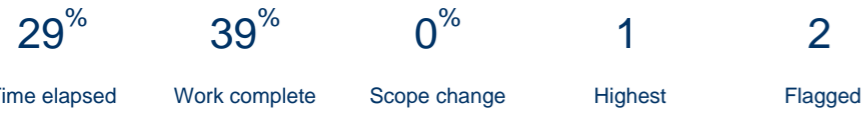


Navigation Team Progress Report

Sprint Health Gadget

Overall sprint progress (Story Points) - 4 days left



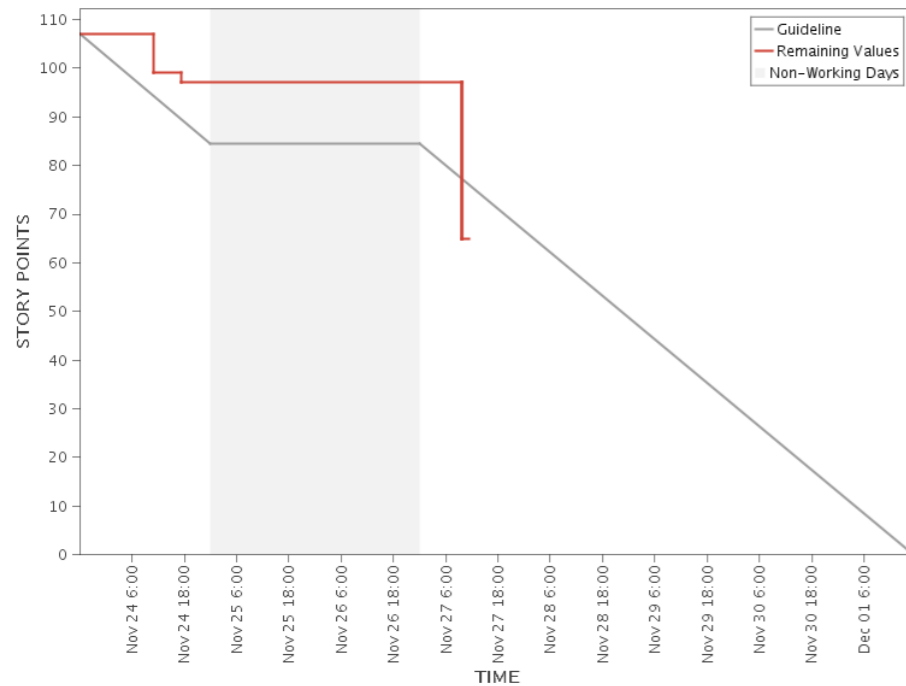
Assignees in Sprint

[Jeffery Chase \(jchase\)](#), [Adam Jack \(admin\)](#), [Kaleb Billy \(kbilly\)](#), [User Thomas \(user\)](#)

Sprint Burndown Gadget

AutoGears - Navigation

Sprint: Navigation



Two Dimensional Filter Statistics: Navigation Team Sprint

Priority	Open	In Progress	Resolved	Released	T:
Highest	0	1	0	1	2
High	3	1	0	1	5
Medium	2	0	0	1	3
Low	2	2	1	0	5
Total Unique Issues:	7	4	1	3	15

Grouped by: Status

Agile Wallboard Gadget

7 To Do

- AGN-18: Different marking of current position based on physical environment (2)
- AGN-23: Build a road database vector map (12)
- AGN-25: Calculate range distance by comparing pulse release and receive times (2)
- AGN-28: Calculate x/y/z coordinates using location and orientation of scanner (2)
- AGN-29: Define the point cloud as collection of data returns (12)
- AGN-1: Start own clock if GPS isn't connected (GPS Status 0) (2)
- AGN-34: Higher resolution and a narrow FOV is needed to penetrate dense vegetation (7)

4 In Development

- AGN-10: Create a Raster Model (5)
- AGN-14: HDL-32E unit doesn't spin (3)
- AGN-17: Turn-by turn instructions are not in sync with map (5)
- AGN-22: Build an international protocols database (8)

1 In Testing

- AGN-24: Relative measurement of angular orientation (5)

3 Done

- AGN-6: Report \$GPRMC NMEA record in the second data packet if GPS is connected (32)
- AGN-8: Synchronize time stamp to the leading edge of the GPS signal (2)
- AGN-16: Use outputs from onboard gryrometers instead of 2-axis accelerometers (8)

Filter Results: Navigation Team Risks (Unresolved Critical Issues)

T	Key	Summary	P	Assignee
Task	AGN-10	Create a Raster Model	Highest	Adam Jack
Task	AGN-1	Start own clock if GPS isn't connected (GPS Status 0)	High	Adam Jack
Task	AGN-8	Synchronize time stamp to the leading edge of the GPS signal	High	Adam Jack
Bug	AGN-17	Turn-by turn instructions are not in sync with map	High	Adam Jack
Task	AGN-29	Define the point cloud as collection of data returns	High	Adam Jack
Bug	AGN-34	Higher resolution and a narrow FOV is needed to penetrate dense vegetation	High	Adam Jack

Sensors Team Progress Report

Sprint Health Gadget

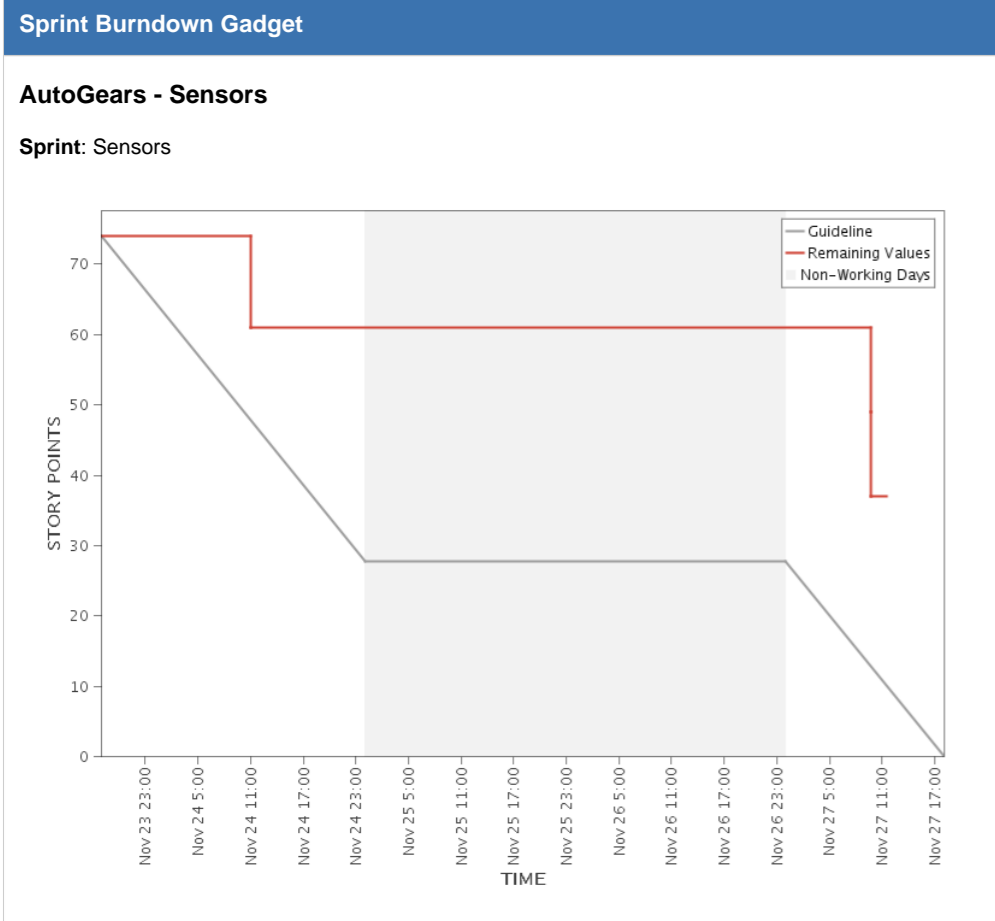
Overall sprint progress (Story Points) - 0 day left

28 9 37

86% **50%** **0%** **2** **2**

Time elapsed Work complete Scope change Highest Flagged

Assignees in Sprint
[Gerard Dimeola \(Gary\)](#), [Billy Cisco \(Billy\)](#), [Fay MacLean \(Fay\)](#)



Two Dimensional Filter Statistics: Sensors Team Sprint

Priority	In Progress	Released	To Do	T:
Highest	0	0	2	2
High	0	0	1	1
Medium	2	3	4	9
Total Unique Issues:	2	3	7	12

Grouped by: Status

Agile Wallboard Gadget

7 To Do

- AGS-1: Install the DSR (2)
- AGS-3: Unable to penetrate very dense canopy leads (5)
- AGS-4: Need to limit the very large datasets that are difficult to interpret and process (5)
- AGS-8: Large datasets can overwhelm many GIS applications (5)
- AGS-13: Raster data stores elevation values in a regularly spaced series of uniform data units (pixels) (5)
- AGS-15: Determine the exact firing time for each laser (4)
- AGS-16: Create height image by subtracting the bare earth returns from the first returns (2)

2 In Development Min 1 Max 5

- AGS-5: Build obstacle inflation mechanism (1)
- AGS-9: Create triangulated irregular network (8)

0 In Testing Min 1 Max 5

3 Done

- AGS-6: Convert LiDAR x/y/z returns into individual GIS datasets (13)
- AGS-10: Ensure that any point on the surface is as close as possible to a triangle node (12)
- AGS-14: Raster based models of features above the surface are often referred to as digital surface models (DSM) (12)

Filter Results: Sensors Team Risks (Unresolved Critical Issues)

T	Key	Summary	P	Assignee
Task	AGS-15	Determine the exact firing time for each laser	Highest	Gerard Dimeola
Story	AGS-16	Create height image by subtracting the bare earth returns from the first returns	Highest	Gerard Dimeola
Story	AGS-1	Install the DSR	High	Fay MacLean

AI Team Progress Report

Sprint Health Gadget

Overall sprint progress (Story Points) - 5 days left

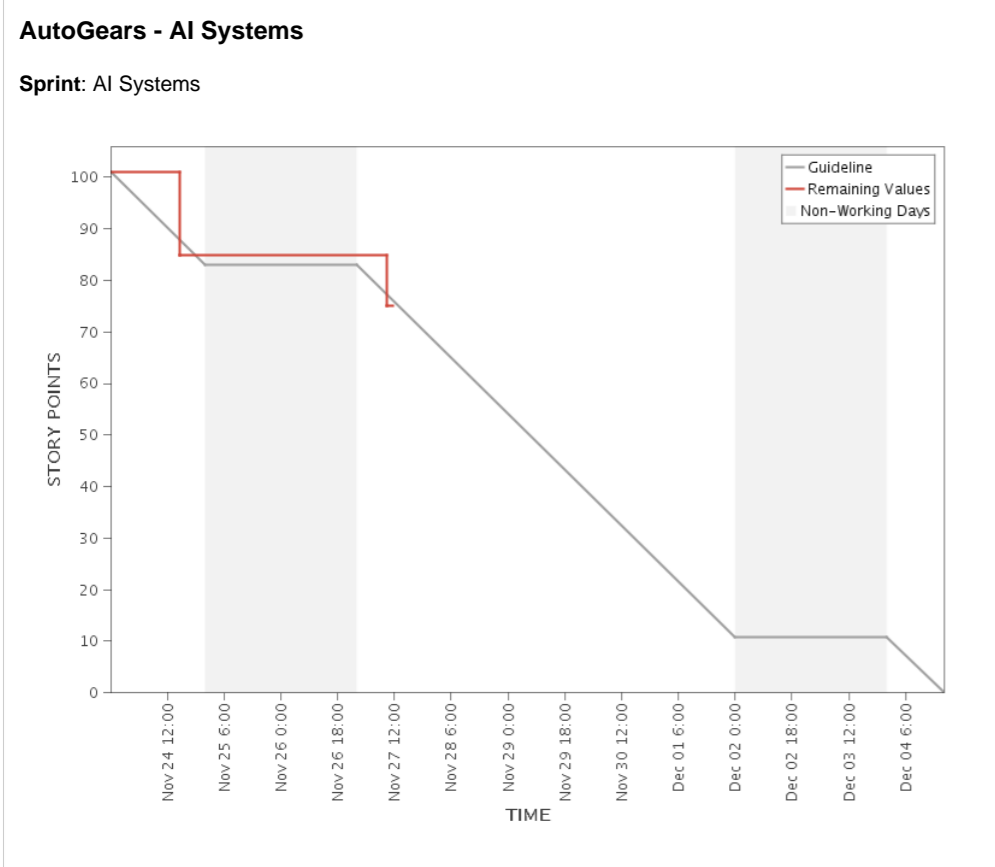
14 61 26

25% 26% 0% 1 1

Time elapsed Work complete Scope change Highest Flagged

Assignees in Sprint
[Jeffery Chase \(jchase\)](#), [Cathleen Dickins \(Cathleen Dickins\)](#), [Emerald Jacobson \(Emerald\)](#), [Adam Jack \(admin\)](#)

Sprint Burndown Gadget



Two Dimensional Filter Statistics: AI Team Sprint

Priority	Open	In Progress	Done	In Testing	T:
Highest	1	0	2	0	3
High	1	2	0	0	3
Medium	0	0	0	1	1
Total Unique Issues:	2	2	2	1	7

Grouped by: Status

Agile Wallboard Gadget

AutoGears - AI Systems

2 To Do

- AGAI-4 Natural language processing (7)
- AGAI-5 Additional segmentation (unsupervised) needs better filtering (7)

2 In Development Min 1 Max 5

- AGAI-3 Word disambiguation during recognition process (13)
- AGAI-6 Object recognition (16)

1 In Testing Min 1 Max 5

- AGAI-10 Recognition of optimal characters (32)

2 Done

- AGAI-1 Traffic collision analysis (10)
- AGAI-2 Classification of images (street signs) (16)

Filter Results: AI Team Risks (Unresolved Critical Tasks)

T	Key	Summary	P	Assignee
Change request	AGAI-5	Additional segmentation (unsupervised) needs better filtering	Highest	Jeffery Chase
New feature	AGAI-3	Word disambiguation during recognition process	High	Adam Jack
Story	AGAI-4	Natural language processing	High	Cathleen Dickins
Story	AGAI-6	Object recognition	High	Adam Jack