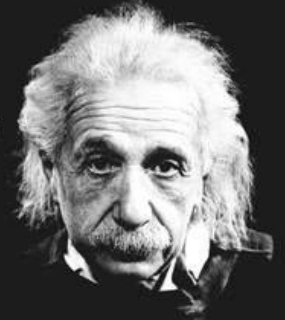# Examples of *Metrics & Progress Reports*, generated from electronic tools, by Agile Teams

Note: Information inside is collected from Jira (real reports, by real teams). However, the guidelines listed on the next page and observations on the pages that follow, apply to <u>any</u> issue tracking commercial electronic tool (e.g. Rally, Version1, TFS/VSTS, Pivotal Tracker, LeanKit, Trello, etc) or any metrics and reporting, collected and produced manually.
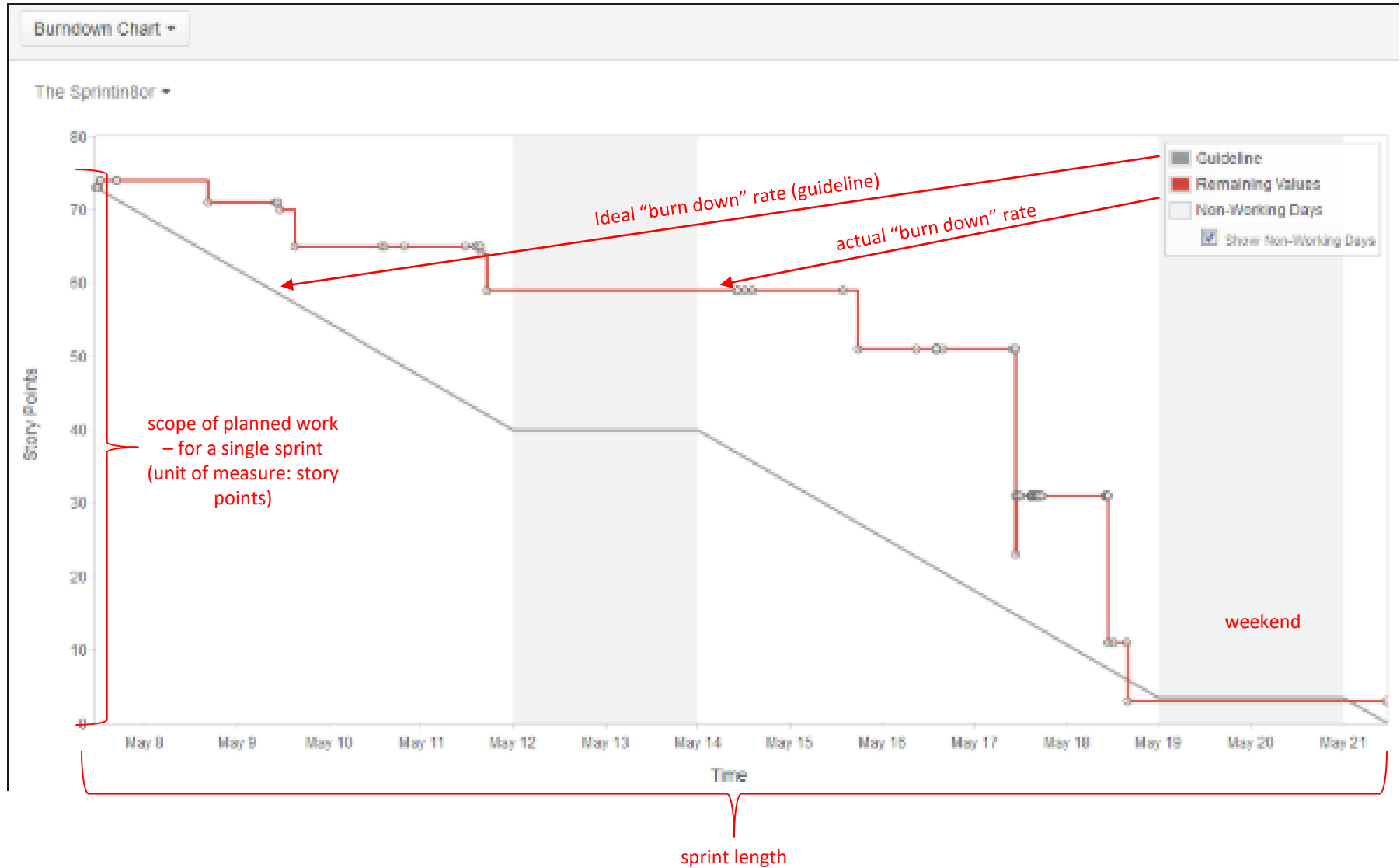

"Not everything that counts can be counted, and not everything that can be counted counts."
-Albert Einstein

Gene Gendel, Certified Enterprise & Team Coach (CEC & CTC) | LeSS Friendly Scrum Trainer (LSFT) | Certified in Agile Leadership (CAL)
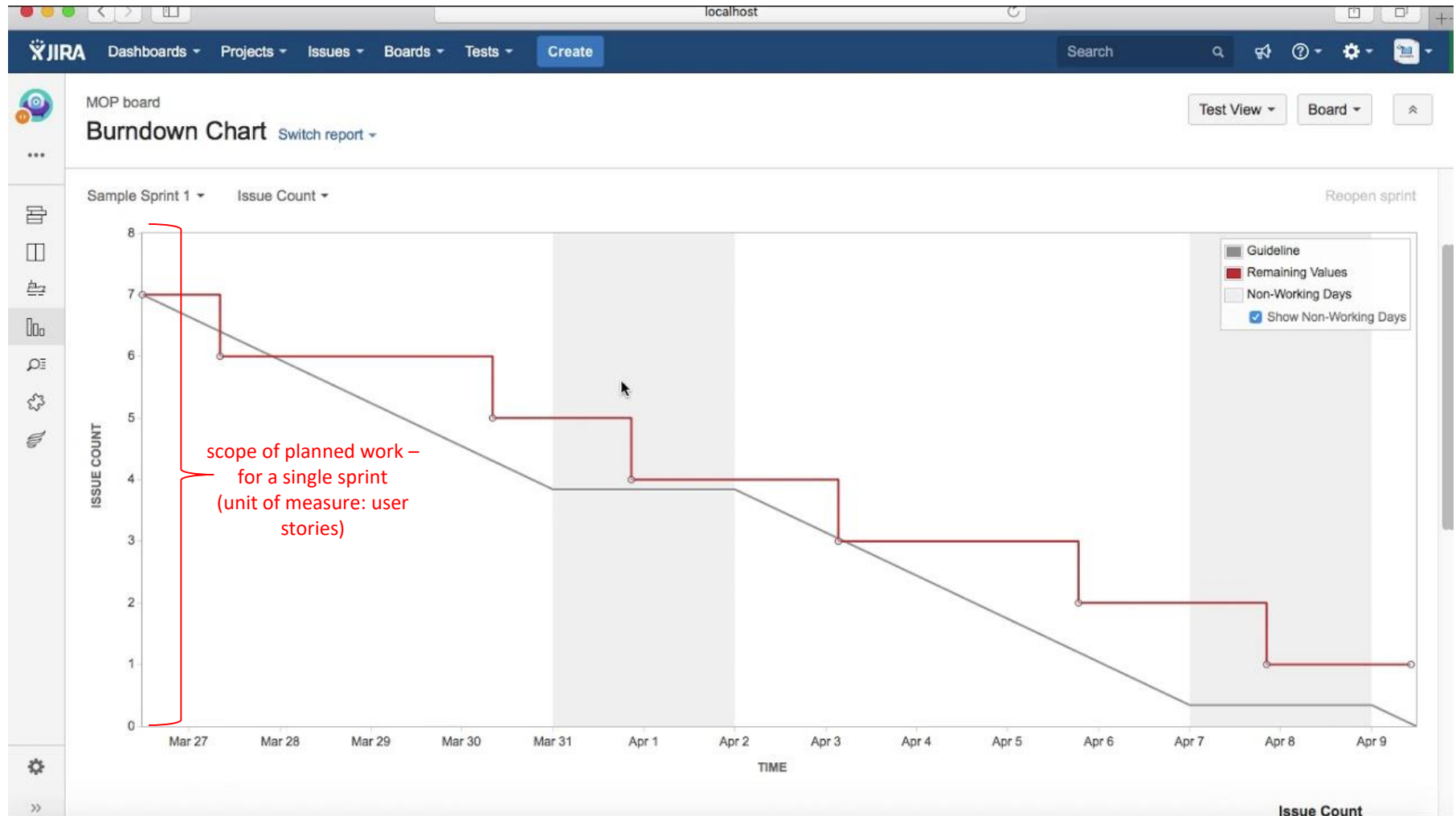
Please, make a note of the following Guidelines:

➢ Understand that Accuracy != Precision
➢ Understand that Reliability of Forecasting depends on:
  ➢ Accuracy of underlying data
  ➢ Number of available datasets
  ➢ Time frames (time period covered by historical data)
➢ **Understand the process** (Scrum, Kanban, ScrumBan, etc)
➢ Understand mechanics of the tool you use (why it works the way it works)
➢ Understand that Accuracy of estimation/sizing depends on degree of: individuals' participation, T-shaping, swarming, personal safety
➢ **Try always relate metrics/numbers to underlining root causes: events, behaviors, dynamics, team & organizational design.**
➢ **Try always apply System Thinking. Don't think linearly and look at superficial indicators only.**
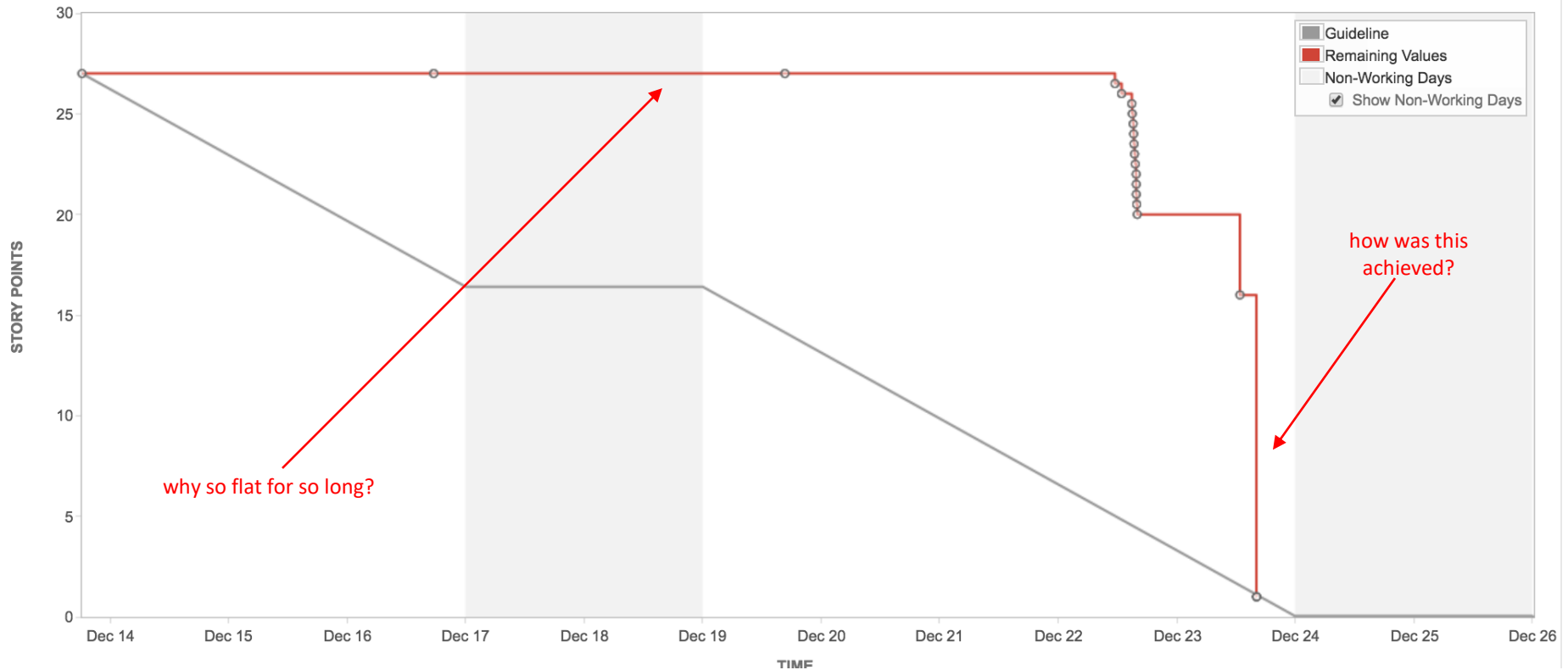
Sprint Burn-Down Chart - *Looking OK*

Burndown Chart ▾

The Sprintin8or ▾

Legend:
- Guideline
- Remaining Values
- Non-Working Days
- ☑ Show Non-Working Days

Annotations:
- Ideal "burn down" rate (guideline)
- actual "burn down" rate
- scope of planned work – for a single sprint (unit of measure: story points)
- weekend
- sprint length

Y-axis: Story Points (0, 10, 20, 30, 40, 50, 60, 70, 80)

X-axis: Time (May 8, May 9, May 10, May 11, May 12, May 13, May 14, May 15, May 16, May 17, May 18, May 19, May 20, May 21)

*Graph annotations (in **red**) may require interpretation.*

3

Gene Gendel, Certified Enterprise & Team Coach (CEC & CTC) | LeSS Friendly Scrum Trainer (LSFT) | Certified in Agile Leadership (CAL)

Sprint Burn-Down Chart – *Looking Really Nice*

Graph annotations (in red) may require interpretation.

Sprint Burn-Down Chart – *Looking Worry*
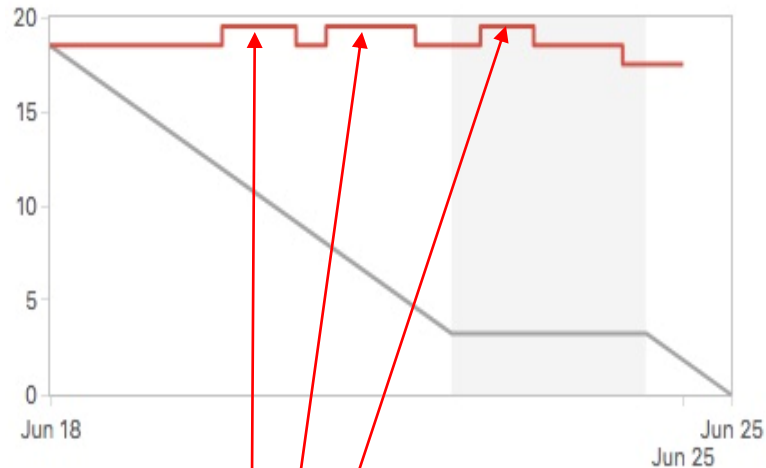

Graph annotations (in red) may require interpretation.
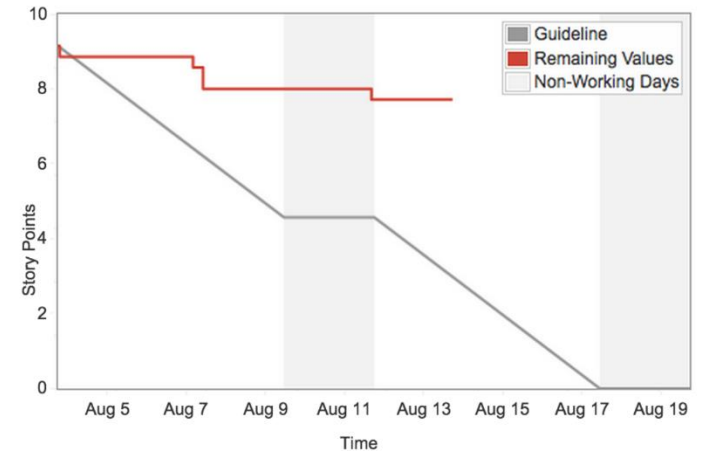
Sprint Burn-Down Chart – *Looking Troubling*

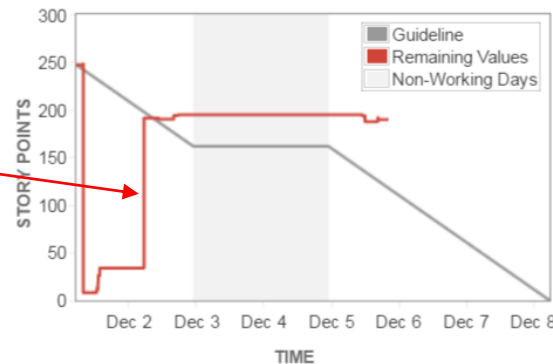Closed sprint, ended by 18/Jun/18 8:59 PM - 25/Jun/18 9:12 AM

what happened?

Agile Sprint Burndown Gadget

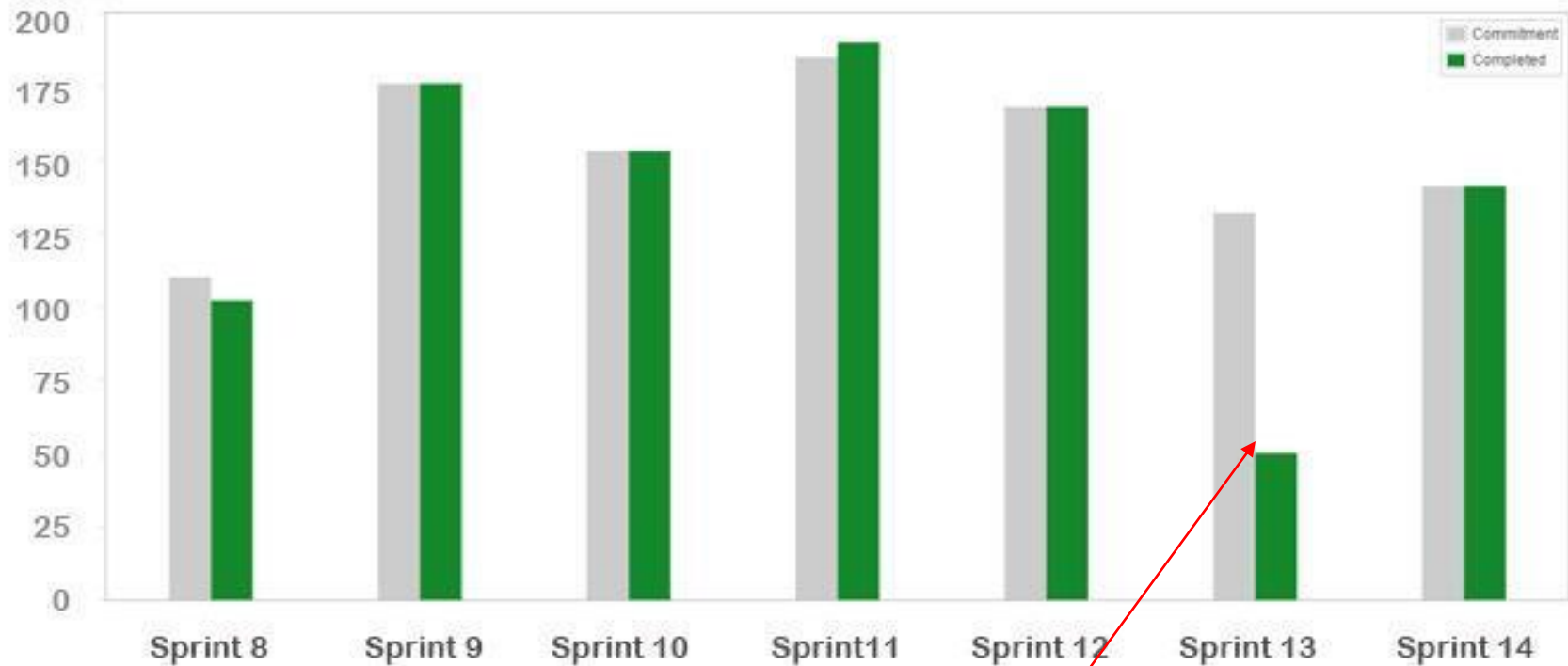SPRINT: Sprint 1

Sprint Burndown Gadget

Graph annotations (in red) may require interpretation.
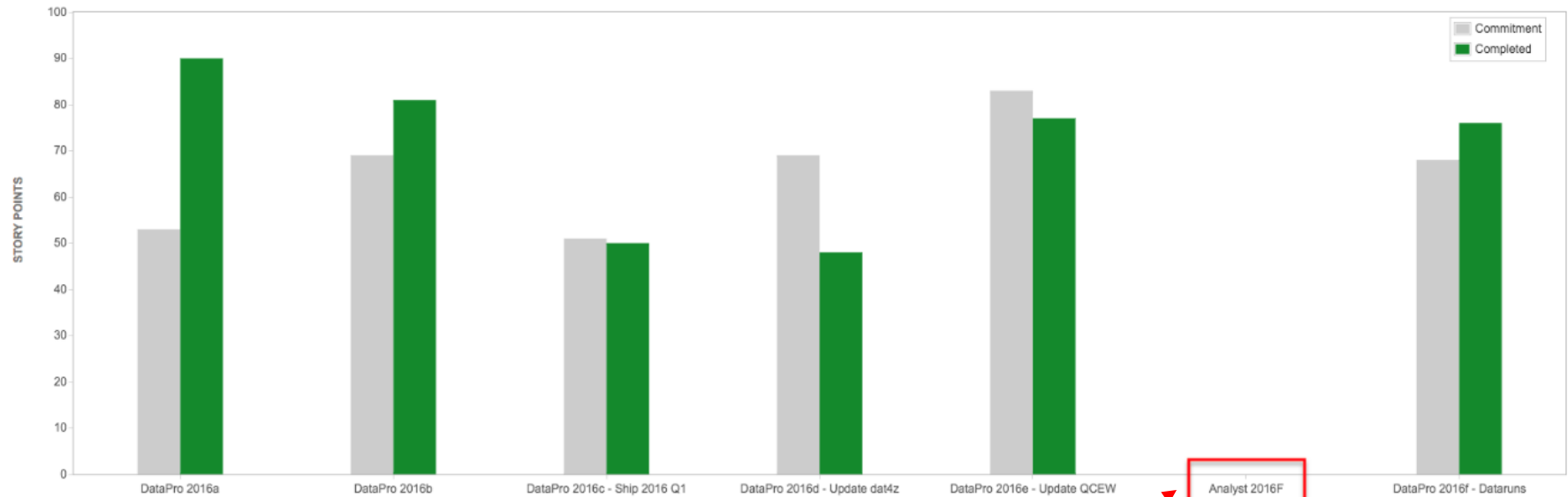
Historical Velocity Report – *Looking Nice*

Graph annotations (in red) may require interpretation.

Historical Velocity Report – *Looking Questionable*

Sprint	Commitment	Completed
DataPro 2016a	53	90
DataPro 2016b	69	81
DataPro 2016c - Ship 2016 Q1	51	50
DataPro 2016d - Update dat4z	69	48
DataPro 2016e - Update QCEW	83	77
Analyst 2016F	0	0
DataPro 2016f - Dataruns	68	76

what happened?

Graph annotations (in red) may require interpretation.

Historical Velocity Report – *Looking Troubling*

Velocity Chart

"big batch delivery"
HOW?

continuous over commitment
and under-delivery.
WHY?

Sprint	Commitment	Completed
KA 2.0 Sprint 10 (29b)	47	26
KA 2.0 Sprint 11 (30a)	35	8
KA 2.0 Sprint 12 (30b)	48	67
KA 2.0 Sprint 13 (31a)	34	7
KA 2.0 Sprint 14 (31b) *Camp*	57	40
KA 2.0 Sprint 15 (32a)	25	10
KA 2.0 Sprint 16 (32b) **END**	39	39

Graph annotations (in red) may require interpretation.

www.keystepstosuccess.com
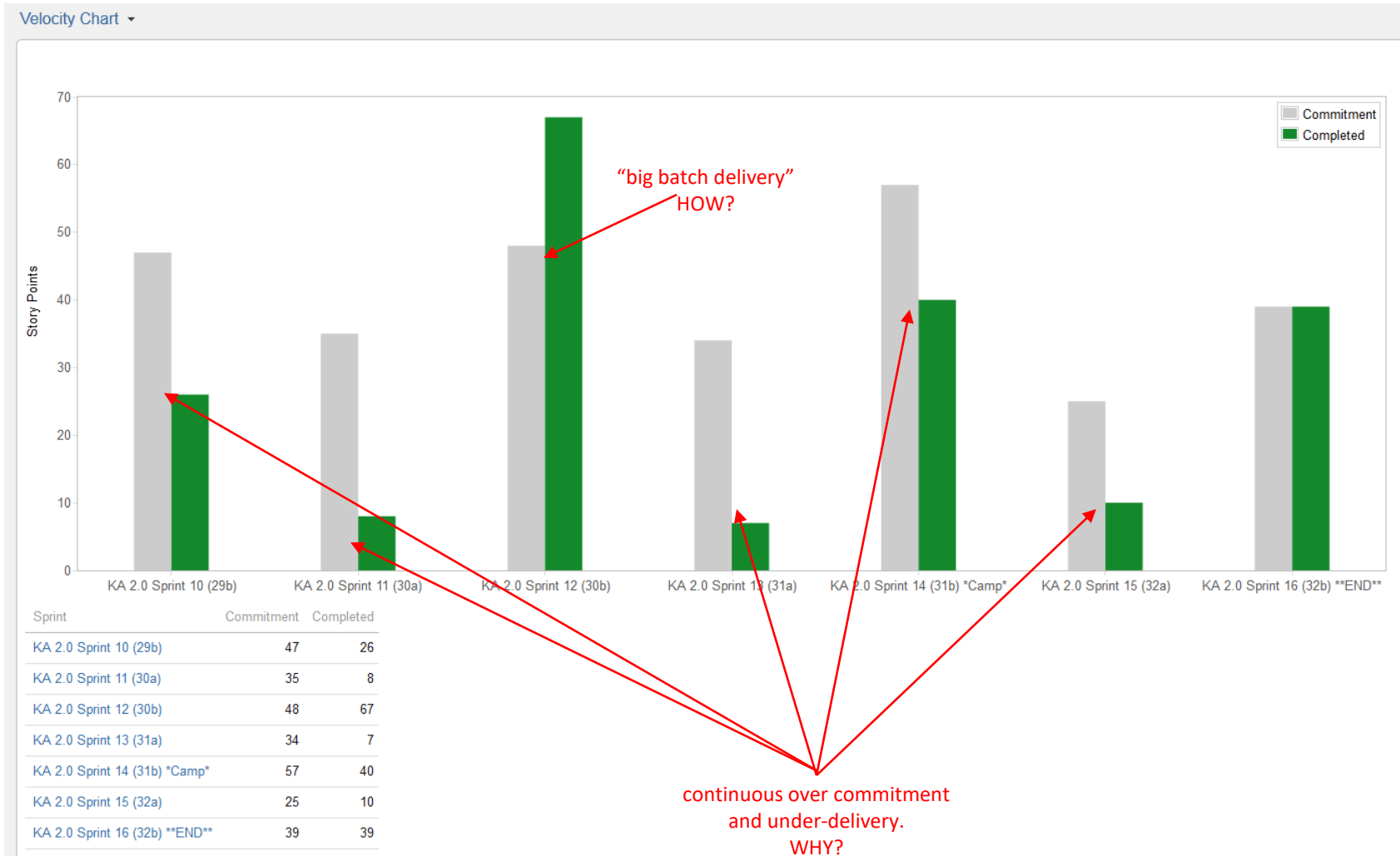
Version (Release) Report - *Looking OK*
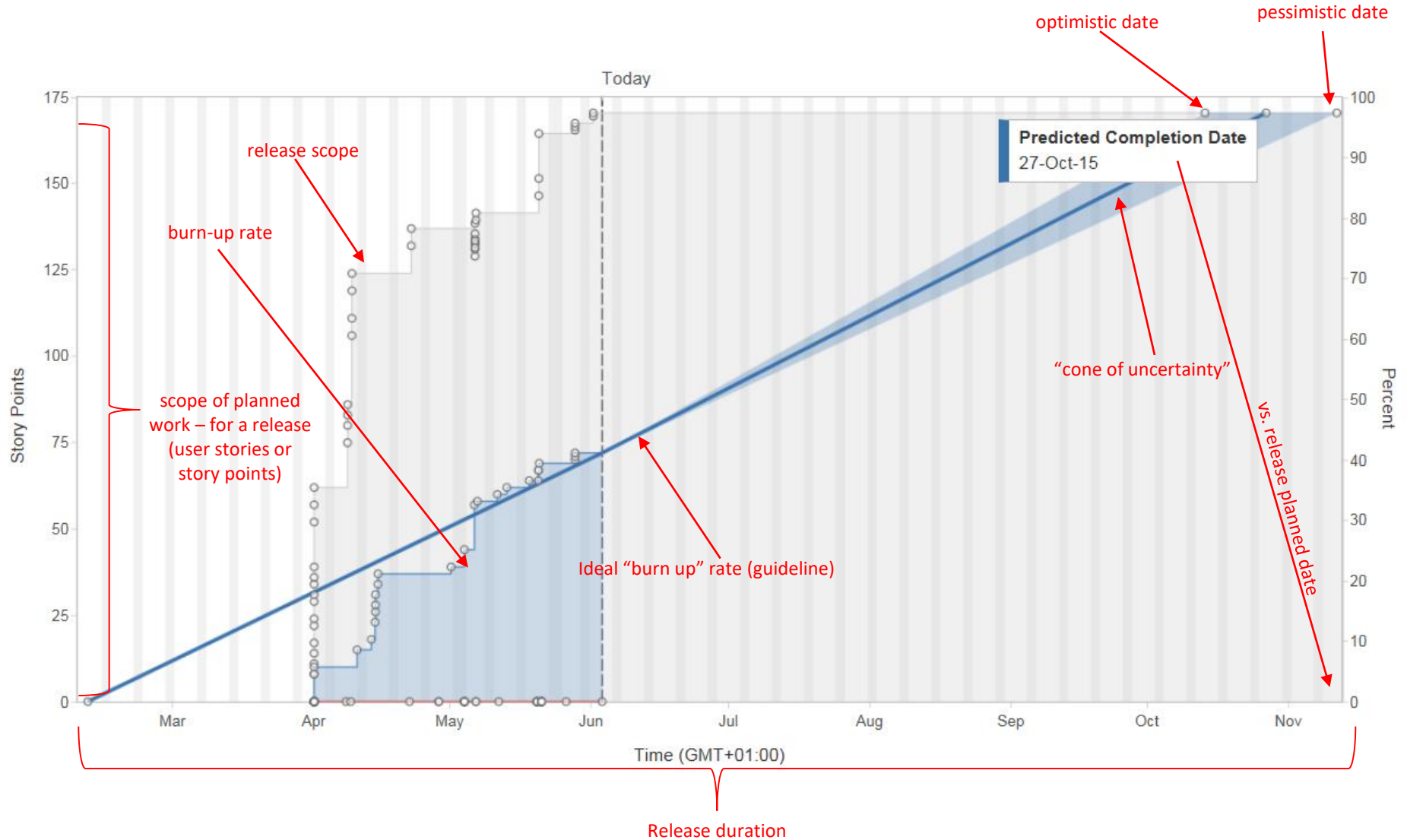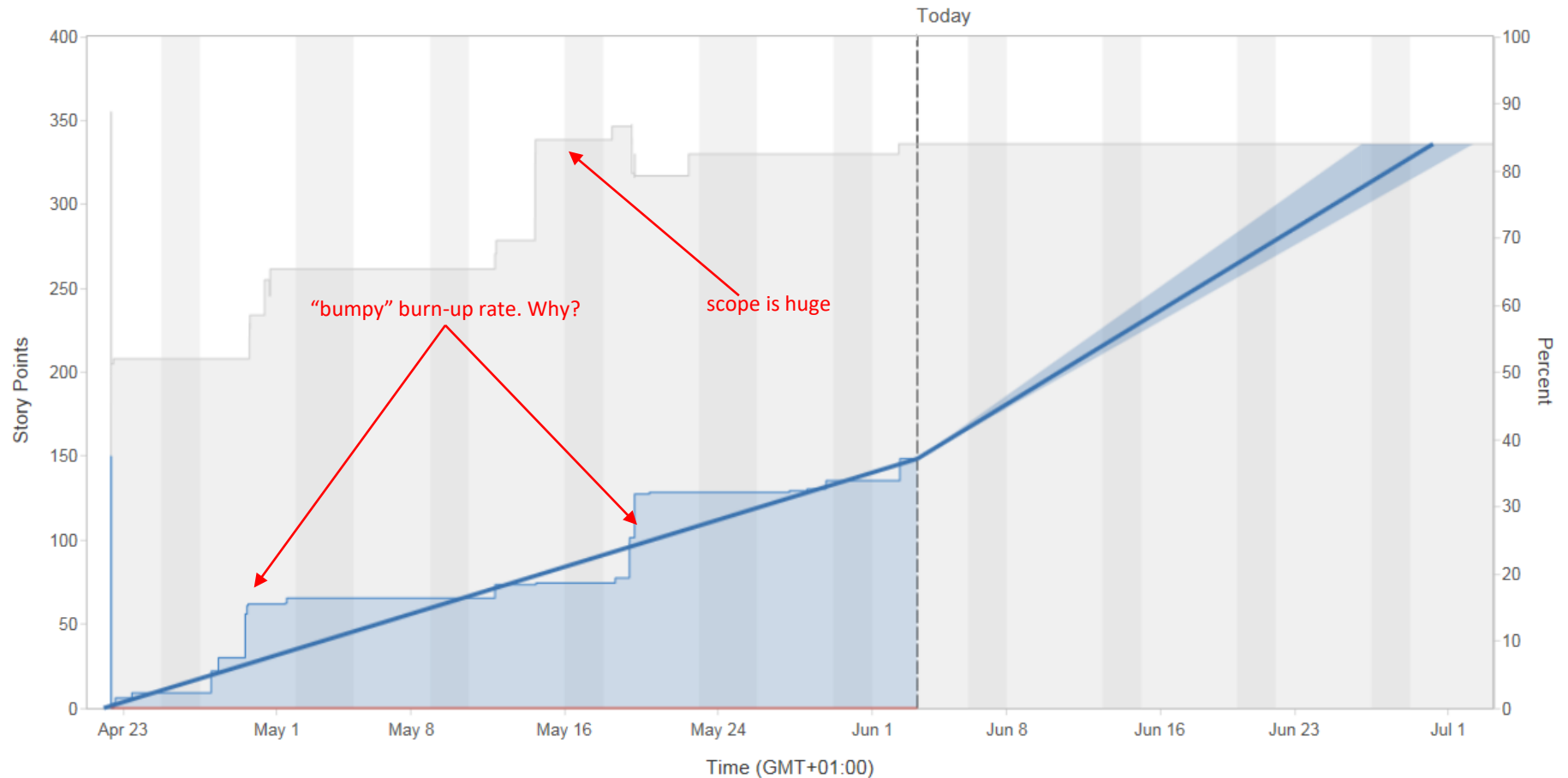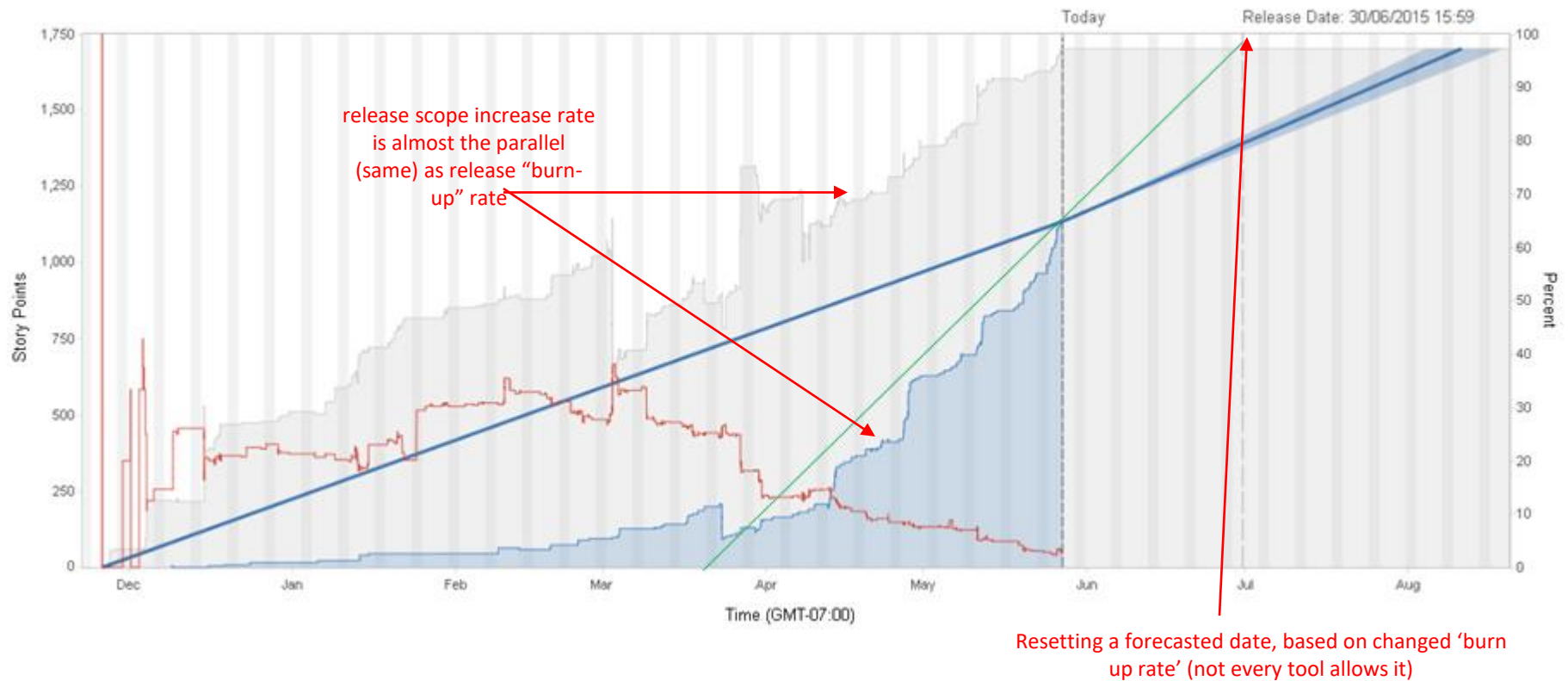

Graph annotations (in red) may require interpretation.

Version (Release) Report – *Looking Questionable*

Graph annotations (in red) may require interpretation.

Version (Release) Report – *Looking Good*

release scope increase rate is almost the parallel (same) as release "burn-up" rate

Resetting a forecasted date, based on changed 'burn up rate' (not every tool allows it)

Graph annotations (in red) may require interpretation.

www.keystepstosuccess.com

Epic Report – *Looking OK*

Graph annotations (in red) may require interpretation.

Epic Report – *Looking Odd. Requires Explanation*

is this scope still valid?

why did work stop?
priorities shifted?
what else?

Epic Report ▾

Detail View ▾

GHS-6374 Detail View configurability and other improvements

Legend:
- Total Story Points
- Completed Story Points
- Number of Issues
- Number of unestimated issues
- Non-Working Days

Summary

ISSUES

Total: 14
Completed: 7
Unestimated: 4

STORY POINTS

Total: 50
Done: 24

View Detail View in Issue Navigator

Story Points (y-axis left), Issue Count (y-axis right), Time (GMT+10:00) (x-axis: Nov, Dec, Jan, Feb, Mar, Apr, May)
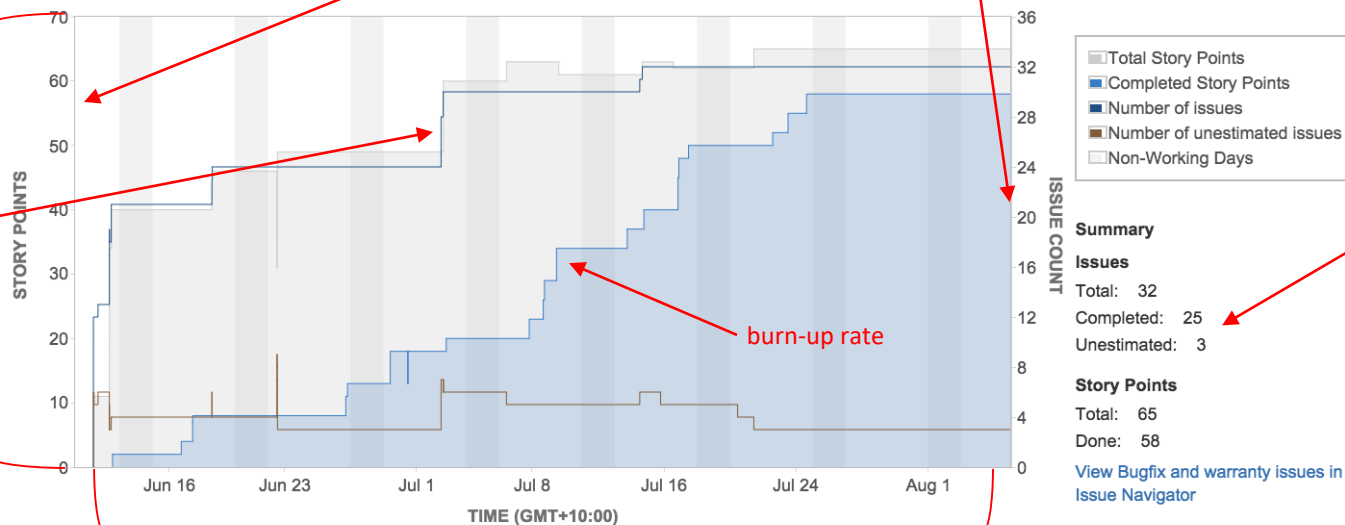
Status Report

Completed Issues   View in Issue Navigator

Key	Summary	Issue Type	Priority	Status	Story Points (24)
GHS-3474	As a Rapid Board user I would like to configure the detail view for an issue	Story	↓ Minor	Resolved	-
GHS-5835	As a user, I would like to configure user or group custom fields to be shown on the detail view	Story	↓ Minor	Resolved	5
GHS-5834	As a user, I would like to configure label, select, check, radio and version fields to be shown on the detail view	Story	↓ Minor	Resolved	3

*Graph annotations (in **red**) may require interpretation.*

Epic Burn Down – *Looking Nice*

As a team starts sprinting, initial Epic scope starts decreasing, whereas amount of completed work (user stories) that belong to an epic, starts growing.

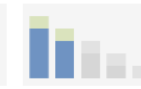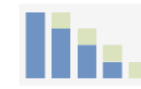Expanding epic scope will require more sprints to complete work and achieve a strategic goal

Reports: Epic Burndown -

How to read this chart
Track the projected number of sprints required to complete the epic (optimized for Scrum). This helps you monitor whether the epic will release on time, so you can take action if work is falling behind.

[Learn more] [Hide this information]

View progress
See sprint by sprint progress for an epic.

View scope change
Track scope added and removed, indicated by the bottom of the bars.

Predict completion
Use past performance to predict the number of sprints needed until completion.
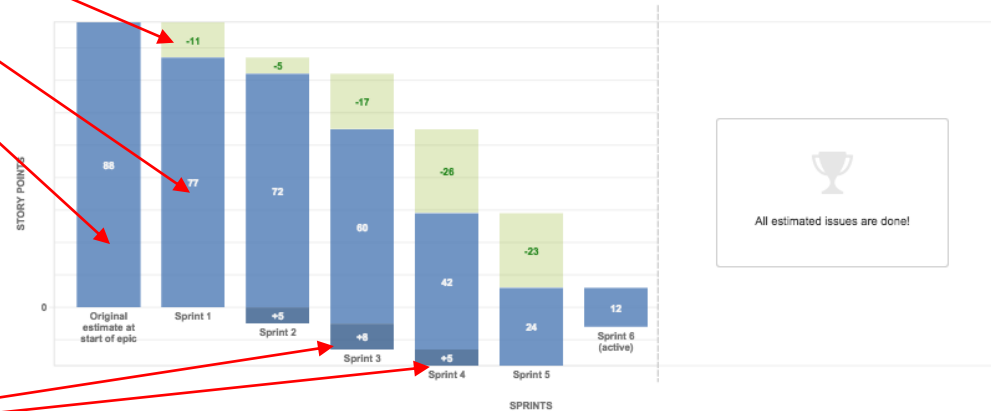
Epic Burndown   TIS-111: Afterburner Plus -   3 linked pages

0% unestimated issues   82 of 94 completed (story points)

Work completed   Work remaining
Work forecast   Work added

All estimated issues are done!

STORY POINTS

88 | -11 / 77 | -5 / 72 | -17 / 60 | -26 / 42 | -23 / 24 | 12
Original estimate at start of epic | Sprint 1 | +5 Sprint 2 | +8 Sprint 3 | +5 Sprint 4 | Sprint 5 | Sprint 6 (active)

SPRINTS

Viewing options
☐ Align sprints at the base of the chart
   Use this view to see trends in the scope for the epic.

Epic
TIS-111 The revolutionary Afterburner reporting capability

Completed Issues

Sprint 6 19/Jun/15 - 03/Jul/15
No issues completed this sprint for current epic.

Sprint 5 14/Jun/15 - 14/Jun/15   View in Issue Navigator

Key	Summary	Issue Type	Priority	Status	Story Points (23)
TIS-102	Afterburner revision V prototype	Story	↑ Major	CLOSED	5
TIS-103	Afterburner revision V demo	Story	↑ Critical	CLOSED	5

Graph annotations (in red) may require interpretation.