

Kerbal Space Program - Bug #22750

New Experiments Give 0 Data

06/02/2019 09:50 PM - zec2

Status:	Closed	Start date:	06/02/2019
Severity:	Low	% Done:	100%
Assignee:			
Category:	Gameplay		
Target version:	1.7.2		
Version:	1.7.1	Language:	English (US)
Platform:	Windows	Mod Related:	No
Expansion:	Core Game		

Description

I launched a new rocket into orbit of Kerbin with a Mobile Processing Lab on it. The ship has 5 crew members, including two scientists in the MPL. Once in orbit at approximately 94km in elevation, I started doing experiments, expecting to be able to transfer them to the MPL to gain data. However, every experiment I could do (Crew report, EVA report, thermometer, barometer, Goo container, and Science Jr.) says it will contribute 0 data to the MPL. I haven't processed these experiments in the MPL before, and I don't have any other copies of them aboard my ship.

On the Steam forums, one user said they were having the same issue on Minmus, but I don't have any other details related to that instance of the bug.

DESCRIPTION:

Experiments that should be able to produce data for the Mobile Processing Lab give 0 data.

SCREENSHOTS:

<https://steamcommunity.com/sharedfiles/filedetails/?id=1758725139>

<https://steamcommunity.com/sharedfiles/filedetails/?id=1758725166>

History

#1 - 06/03/2019 05:10 AM - zec2

UPDATE:

After flying into orbit of the Mun and doing the experiments again, it appears that the issue is that the calculation for the amount of data received by the MPL from the experiment is being done based on the current science value rather than the original science value. There is no information in any of the patch notes that would suggest that this change is intentional.

#2 - 06/04/2019 10:06 PM - RushHour2k5

- File KSP Bug 1.7.1.png added

zec2 wrote:

UPDATE:

After flying into orbit of the Mun and doing the experiments again, it appears that the issue is that the calculation for the amount of data received by the MPL from the experiment is being done based on the current science value rather than the original science value. There is no information in any of the patch notes that would suggest that this change is intentional.

I too am seeing this issue. With mine it was a sudden change between v1.7.0 which has a Mobile Processing Lab orbiting Kerbin with science stored on it and v1.7.1. While the same MPL in v1.7.0 has science experiments worth 4 and 8 data for example in v1.7.1 they are worth 0 and 1 data.

This issue also appears to affect recovered values of stored experiments as well as you can see in the screenshot v1.7.0 shows the recovery value of Atmosphere Analysis from Administration as 1.0 science where as v1.7.1 shows it worth 0.2 science.

NOTE: All science experiments worth ≤ 7 data in v1.7.0 are now worth 0 data in v1.7.1 and all science experiments worth ≥ 8 data in v1.7.0 are now worth 1 data in v1.7.1.

Please see https://www.reddit.com/r/KerbalSpaceProgram/comments/bvxb6/bug_or_change_collected_science_values_on_171/ for additional discussion on issue.

#3 - 06/04/2019 11:01 PM - zec2

- File deleted (SpaceZ Phoenix 5.craft)

#4 - 06/05/2019 02:16 AM - zec2

Possibly linked to <https://bugs.kerbalspaceprogram.com/issues/22742>

#5 - 06/09/2019 01:41 PM - Tekaoh

Also see <https://forum.kerbalspaceprogram.com/index.php?topic/185025-is-171-mpl-working-correctly/>

#6 - 06/12/2019 07:48 PM - chris.fulton

- Status changed from *New* to *Ready to Test*
- Target version set to 1.7.2
- % Done changed from 0 to 80

Several Changes and bug fixes have been made, moving this bug to RTT and can you check it in 1.7.2.2555?

#7 - 06/12/2019 08:00 PM - RushHour2k5

Appears issue may be resolved. I re-loaded the saved game I had issues on with the 1.7.1 update and values that were stored appear to have returned to normal. I now get 40 science points or 8 data from an Atmospheric Analysis from Administration in the MPL.

#8 - 06/12/2019 10:55 PM - Tekaoh

- Status changed from *Ready to Test* to *Resolved*
- % Done changed from 80 to 100

The issue is resolved for me as well.

#9 - 06/17/2019 06:49 PM - chris.fulton

- Status changed from *Resolved* to *Closed*

Files

KSP Bug 1.7.1.png	162 KB	06/04/2019	RushHour2k5
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