

	A	B	C	D	E
1	short description	arbitrary item id #	seen in version #	Long description	Status
2	"Initializing"	1	0.20	cosmetic change: Initializing	Source code modified, awaiting compile/ verify/ upload
3	UnusedMem ini file entry missing message	2	0.20	Absent ini file UnusedMem directive generates a parse failure message. Literal 100 instead of UNMEM_DFLT used in some code	Source code modified, awaiting compile/ verify/ upload
4	ini file edits	3	0.20	Added UnusedMem section to cudaPm1.ini, changed CUDALucas references to CUDAPm1 throughout	Source code modified, awaiting upload
5	every launch after savefile directory is created, there's a message it could not be created	4	0.20	Reversed case of when savefile directory creation message is printed, modified message accordingly	Source code modified, awaiting compile/ verify/ upload
6	Literal 1000000000 used, MAX_B2?	5	0.20	Modified MAX B2 message, added define of MAX_B2	Source code modified, awaiting compile/ verify/ upload
7	no entry message re threads file	6	0.20	modified the no entry message for threads file	Source code modified, awaiting compile/ verify/ upload
8	misc code edits	7	0.20	modified some comments and formatting; version increment to 0.21	Source code modified, awaiting compile/ verify/ upload
9	error messages splitting between command console and output redirection target	8	0.20	fprintf(stderr for first part of several messages, printf( for later part was resulting in splitting messages to two destinations if output redirection of stdout occurred	Source code modified, awaiting compile/ verify/ upload
10	-r option in CUDAPm1 listed in help message but not functional. This self test mode is not available	9	0.20	-r presence in the CUDAPm1 help message output seems to be a holdover from its CUDALucas ancestry. Program's help output indicates "exec residue test." Specifying -r on the command line does not result in any residue check tests running in CUDAPm1; it goes straight to continuation of work present in the worktodo file. If I read the source code correctly, the residue check function did not get implemented for CUDAPm1. Implementation would ideally be driven by an external plain text table, so that adding new cases would not always require code modification and recompilation. A workaround for now is to run one or more P-1 test on one or more exponents that will use the same fft length(s) as untested exponents planned to be run, if suitable exponent and factor combinations can be found.	identified; no code or volunteer at this time
11	Some CUDALucas bugs possibly shared	10	expected in all	since CUDAPm1 was derived from CUDALucas code, CUDAPm1 may share some of CUDALucas' issues. The device renumbering occurrence is highly likely	suspected
12	documentation	11	0.20	needs a readme, wiki page or something; draft revised ini and readme exist but not posted	pending
13	are the various executables for linux and windows current? There were various release numbers for V0.20 including r50 and r52	12	0.20	File dates seem to indicate that some executables are not current with the last previous source changes. See <a href="http://www.mersenneforum.org/showpost.php?p=462600&amp;postcount=503">http://www.mersenneforum.org/showpost.php?p=462600&amp;postcount=503</a>	pending