

Project Grading Check-Sheet **Grade: 86**
Report

1. Technical Writing Style: *Was project report written using proper technical writing style?*
Yes. + 10 points
2. Methods and Techniques: *Was the approach documented well enough that a skilled practitioner could replicate results?* Ok. +10 points
3. Analysis: *Was the expected program performance estimated?* Yes. +10 points
4. Results: *Were performance measurements documented using appropriate methods?*
Parallel efficiency and speedup would be standard and useful additions. +8 points
5. Synthesis: *Was the analysis and results compared and contrasted?* Yes. +10 points

Programming Part

1. Was the program well written? *Was the program well organized and was the logic flow complexity commensurate with the problem?* Yes. +10 points
2. Did the program use MPI correctly? *Was there potential deadlock problems? Did requests get processed correctly? Were MPI semantics properly followed?* The program did not exit gracefully. Not all processes called MPI.Finalize. Chunking was implemented by multiple sends, but this could deadlock as the send could block keeping the server from responding to requests. Chunking should combine messages to reduce startup, t_s , cost of communication. +5 points
3. Did the program produce expected performance results? *Was the program sufficiently parallel?* My tests of the program did not show graceful exit thus will run indefinitely. This is not the expected performance results. +5 points
4. Is the program correct? *Did the program produce the output it was supposed to?*
The program found the correct solutions. +10 points
5. Was the program complete? *Did the program produce all of the objectives of the assignment?* The implementation of chunking in the program would not actually achieve any performance benefit. +8 points