This memo describes the CIL naming and other conventions for Matlab and other program files. The agreement was developed as a result of much wasted time trying to guess what filenames might be, for example findxyz, or findXYZ, or Findxyz or Find\_xyz, etc.

1. Names should be long enough to be descriptive but not so long that it becomes really painful to type.

2. Names should give at least enough information about what the function does that the name can be used to find it.

3. Matlab .m files should have a short comment at the top of the file that will describe the function in reasonable detail when you type “help fName” (where fName is the actual file name. Non-.m functions should have a .m counterpart with this comment.

4. Names are capitalized based on the following hints:

a. all letters lower case, except:

b. acronyms are capitalized (e.g. DB, FOV)

c. first letter of second or following words capitalized.

d. no underscores.

5. Some variables are accepted to be capitalized in function names, for example XYZ and UV

Examples: DBGetCameraByID, parseFilename, findUV.

Examples: DuckGetTides (Duck is a proper noun)