

Changes in cycle 000060

October 10, 1999

Used for cycle 21r4 e-suite testing.

Workstation:

- /home/local/lib/libemos.a (not SGI)
- /home/local/lib/libemosR64.a (not SGI)
- /home/local/lib32/libemos.a (SGI)
- /home/local/lib32/libemos.so.1 (SGI)
- /home/local/lib32/libemos_8.a (SGI)
- /home/local/lib32/libemos_8.so.1 (SGI)
- /home/ma/emos/lib/\${ARCH}/000060/libemos.R32.D64.I32.a
- /home/ma/emos/lib/\${ARCH}/000060/libemos.R64.D64.I32.a

Supercomputer:

- /usr/local/lib/libemos.R32.D64.I32.a
- /usr/local/lib/libemos.R64.D64.I32.a
- /home/ma/emos/lib/000060/libemos.R32.D64.I32.a
- /home/ma/emos/lib/000060/libemos.R64.D64.I32.a

BUFR routines

- bucomp now calls bucrkey (formerly bucrekey).

Gribex routines

- Fix parameter table checking when invalid table number given more than once.
- Allow values 1 to 255 for identification of centre (code table 0).
- Add HP double precision compilation options.
- Add linux compilation options.

Interpolation software

- Allow interpolation coefficients:
 - to be read into or generated in memory
 - to be read from file one latitude at a time
 - to be read from file via shared memory
 - to be generated 'on the fly' one latitude at a time
- The feature is controlled by values set in a configuration file.
- Land-sea mask files now held as bit values throughout (rather than integers)
 - Add HP double precision compilation options.
 - Add linux compilation options.
 - Fix an uninitialised GRIBEX option in the INTUVx routines.

Binary file handling

- Add HP double precision compilation options.
- Add linux compilation options.
- Hold file handles in a table; Fortran routines now pass a table index instead of a file handle.