Release Notes
LaGriT version 1.1, Fall 2005

A summary of the major changes found in this release are listed below. A complete list of changes is included at the end of this document. Refer to the user's manual for a complete description of the new, enhanced and revised commands.

New Commands:

Enhanced Commands:

cmo	cmo_command_nosb.f	added **fillatt** option that avoids warnings for attributes that already exist and allows the attribute to be filled
dump	dump_material_list.f	added argument iselect to subroutine call that allows the user to choose a single selected zone value and corrected code to finish writing zone file if no materials are found.
dump	dumpfehm, writedump_nosb	added argument **imat_select** to dump_marerial_list call that enables a single zone to be selected added option for geoFEST output **dump/geofest**
calc_rdist	msgtty	added option to call calc_rdist.
math	math_nosb	added min, max options
connect	multi_material_nosb connect_nosb	add option to test all interface edges if a material interface is crossed. **connect/check_interface**
massage	massage	add **norecon** option that turns off all calls to the reconnection routines.
filter	filter_elem_graph msgtty_nosb	mark and optionally delete duplicate elements **filter/element**

Code Changes:

02/28/05	intersect_elements intrp_gtg	implicit none and added code to report progress of the element search. associate imt and others with imt1 type names

Bug Fixes:

07/22/04	dumpgmv_hybrid_nosb	Insert code to invert connectivity so that tet and hex are not inside out. Also added simdate and codename keyword to header of ascii GMV files. These keywords are used in the read/gmv code now to detect the new corrected connectivity
	readgmv_ascii_nosb	Insert code to invert connectivity so that tet and hex are not inside out. Also added simdate and codename keyword to header of ascii GMV files. These keywords are used in the read/gmv code now to detect the new corrected connectivity
02/28/05	pset_nosb	added imask to shiftr for union of more than one set, fixed logic so that names that start the same will be treated as different, e.g. imt1 imt1temp
04/06/05	dumpgmv_hybrid_nosb	fixed bug introduced by inversion of connectivity when outputting tet or hex elements.