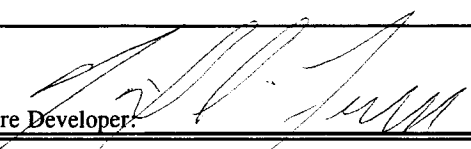



SOFTWARE RELEASE NOTICE

1. SRN Number: GLGP-SRN-201		
2. Project Title: 3D Stress		Project No. 20-1402-472
3. SRN Title: 3D Stress Version 1.3.2		
4. Originator/Requestor: David A. Ferrill		Date: 09/08/99
5. Summary of Actions <input checked="" type="checkbox"/> Release of new software <input type="checkbox"/> Release of modified software: <input type="checkbox"/> Enhancements made <input checked="" type="checkbox"/> Corrections made <input type="checkbox"/> Change of access software <input checked="" type="checkbox"/> Software Retirement <i>A. L. McKague 11/30/01</i>		
6. Persons Authorized Access		
Name	Read Only/Read-Write	Addition/Change/Delete
David Ferrill	RW	
John Stamatakis	RW	
Larry McKague	RW	
Philip Justus (NRC)	RO	
Chuck Connor	RO	
Britt Hill	RO	
Ron Martin	RO	
7. Element Manager Approval: Larry McKague <i>A. L. McKague</i> Date: 9/16/99		
8. Remarks:		

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SOFTWARE SUMMARY FORM

01. Summary Date: 09/08/99		02. Summary prepared by (Name and phone) Joshua Buckner (210) 522-5246		03. Summary Action: NEW	
04. Software Date: 09/08/99		05. Short Title: 3DStress Version 1.3.2			
06. Software Title: 3DStress, Version 1.3.2				07. Internal Software ID: NONE	
08. Software Type: <input type="checkbox"/> Automated Data System <input checked="" type="checkbox"/> Computer Program <input type="checkbox"/> Subroutine/Module		09. Processing Mode: <input checked="" type="checkbox"/> Interactive <input type="checkbox"/> Batch <input type="checkbox"/> Combination		10. Application Area: a. General: <input checked="" type="checkbox"/> Scientific/Engineering <input type="checkbox"/> Auxiliary Analyses <input type="checkbox"/> Total System PA <input type="checkbox"/> Subsystem PA <input type="checkbox"/> Other b. Specific:	
11. Submitting Organization and Address: CNWRA/SWRI 6220 Culebra Road San Antonio TX 78228				12. Technical Contact(s) and Phone: Dave Ferrill, (210) 522-6082	
13. Software Application: 3DStress is a stress analysis and visualization program for analysis of geological structures such as the faulty and fracture in three dimensional stress fields. 3D Stress performs calculations of slip tendency, dilation tendency, and factor of faults and fractures based on resolved stress.					
14. Computer Platform SGI Indigo 2		15. Computer Operating System: IRIX 6.2		16. Programming Language(s): C++	
17. Number of Source Program Statements: 63465 lines		18. Computer Memory Requirements: 128 Mb		19. Tape Drives: N/A	
20. Disk Units: hard drive		21. Graphics: MOTIF 1.2 & Open GL		22. Other Operational Requirements: NONE	
23. Software Availability: <input checked="" type="checkbox"/> Available <input type="checkbox"/> Limited <input type="checkbox"/> In-House ONLY			24. Documentation Availability: <input checked="" type="checkbox"/> Available <input type="checkbox"/> Inadequate <input type="checkbox"/> In-House ONLY		
Software Developer: 				Date: 10/7/99	

Reviewed 5/8/2000 -
 Complete package.

 QA

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SOFTWARE CHANGE REPORT (SCR)

SCR No. (Software Developer Assigns): 279	Software Title and Version: 3DStress v.1.32	Project No: 20-1402-472
Affected Software Module(s), Description of Problem(s): Graph does not update in real time when sliders are moved		
Change Requested by: D.A. Fennell Date: 9/8/99	Change Authorized by (Software Developer): D.A. Fennell Date: 9/8/99	
Description of Change(s) or Problem Resolution (If changes not implemented, please justify): Added graph Obj. display (); +0 scene Obj. update () function.		
Implemented by: Joshua Buckner	Date: 8 Sept. 1999	
Description of Acceptance Tests: Open 3dstress " sliders window " graph window Change sliders confirm a change in graph See attached screen shots		
Tested by: [Signature]	Date: 9/8/99.	