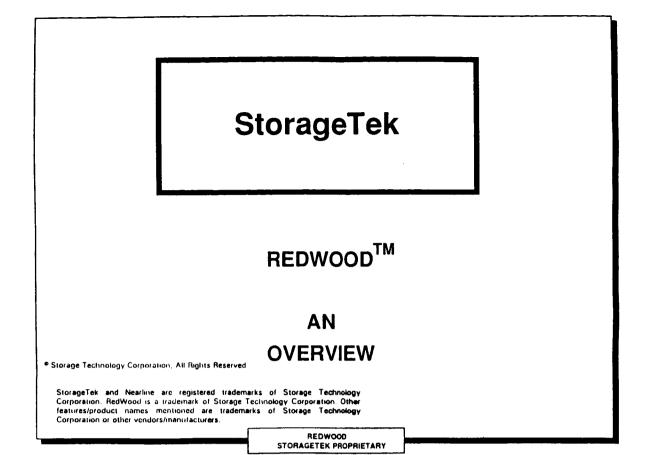
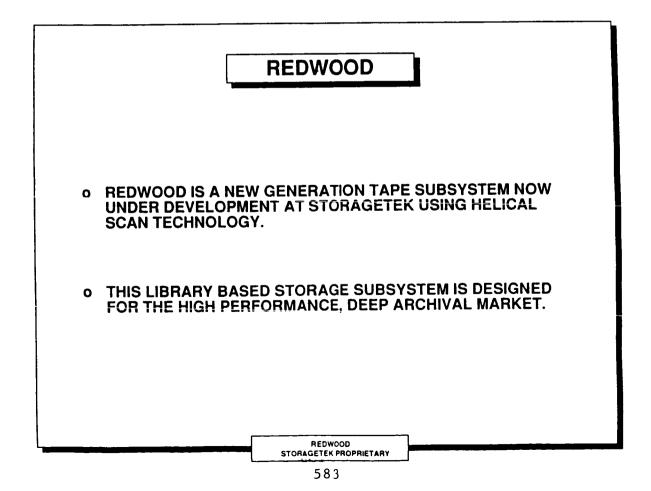
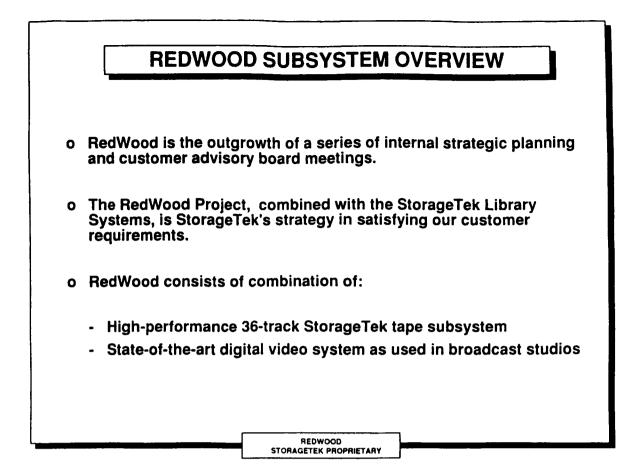
## The Redwood Project: An Overview

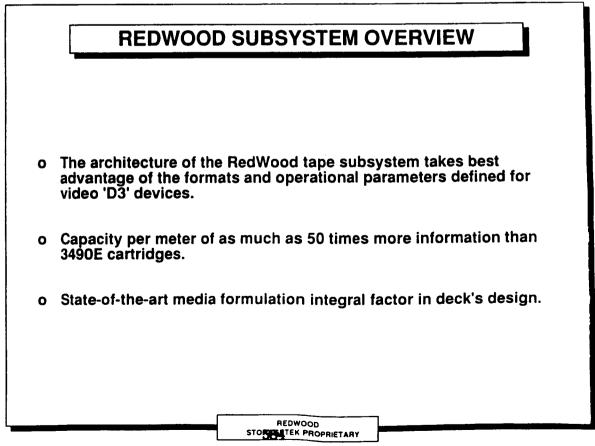
## Sam Cheatham

Storage Technology Corporation Vice President Tape and Library Systems Development VC Technical Committee X3B5 2270 South 88th Street MS 0275 Louisville, CO 80028



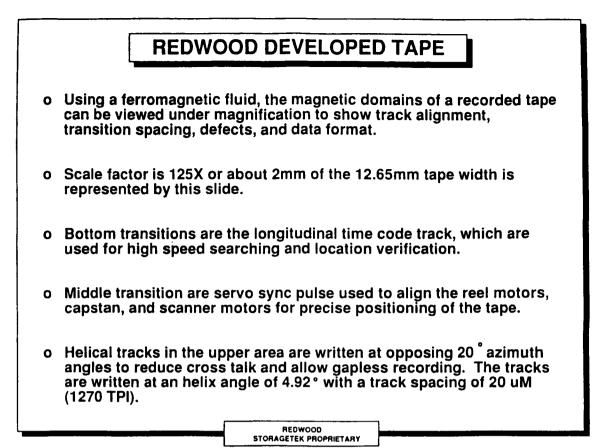


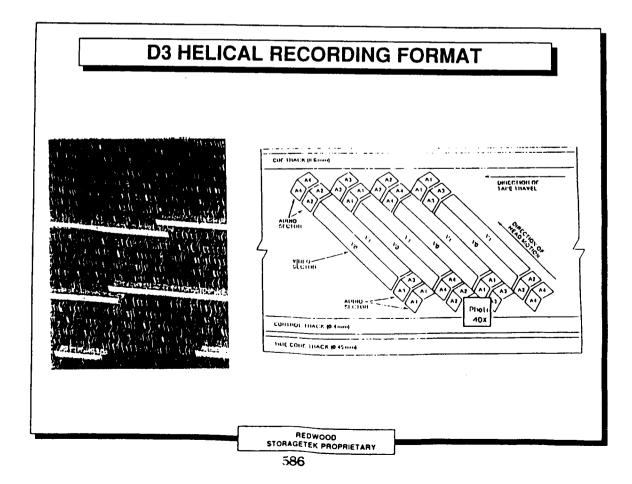


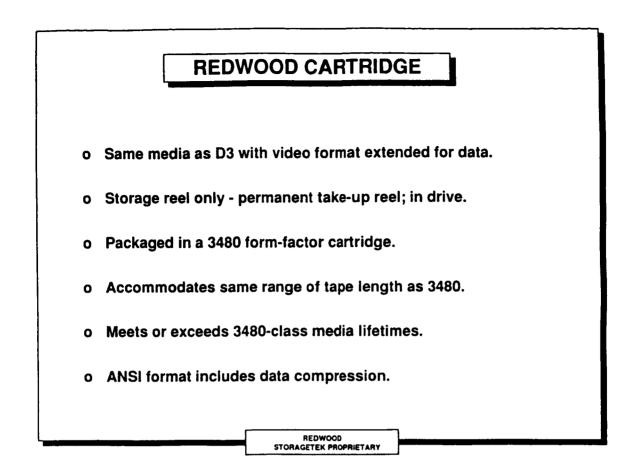


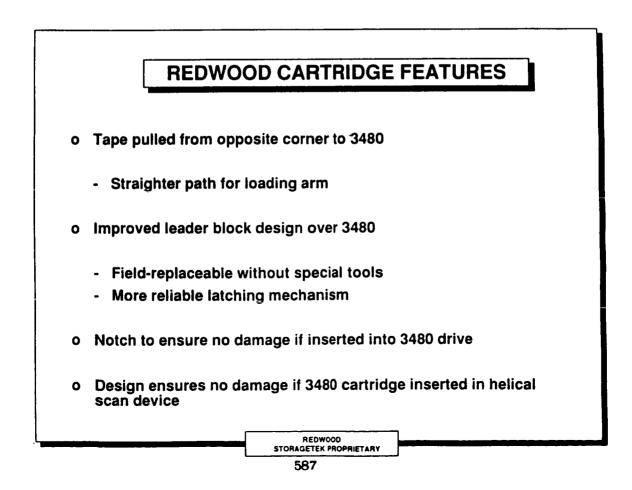
REDWOOD SUBSYSTEMS OVERVIEW						
	MEDIA					
0	This current generation of MP media is an ideal candidate for reliable data storage.					
0	Significant improvements have been achieved in durability and stability over earlier generations.					
o	<ul> <li>The RedWood MP media along with its improved cartridge will meet or exceed 3480-class media lifetimes.</li> </ul>					
0	<ul> <li>MP media technology will continue to benefit from extensive R &amp; D expenditures in the commercial broadcasting sector and from work now in process within the data storage sector.</li> </ul>					

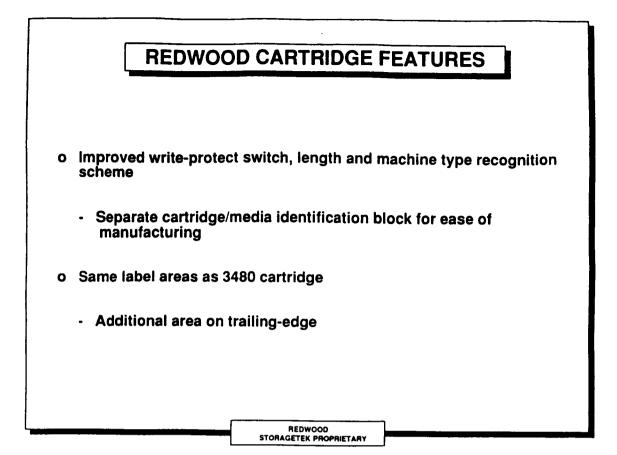
	MEDIA STANDARDS			
3rd Dratt				
PROPOSED				
	AMERICAN NATIONAL STANDARD			
HELICAL-SCAN DIGITAL COMPUTER TAPE CARTRIDGE				
12.65 mm (0.50 in)				
FOR INFORMATION INTERCHANGE				
	13 May 1992			
	(ASC X3 Project No. 850-D)			
	Prepared by			
	Technical Committee X3B5			
o	f Accredited Standards Committe	9e X3		
	<b>Revision History</b>			
1st Draft:	X3B5/91-228	14 August 1991		
1st Draft:	X385/91-228A	14 November 1991		
2nd Draft:	X3B5/91-466	12 February 1992		
3rd Draft:	X3B5/92-068	13 May 1992		
	REDWOOD STORAGETEK PROPRIETARY			

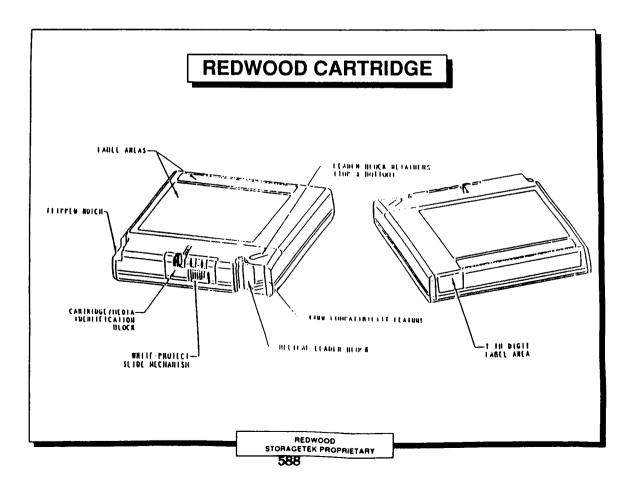


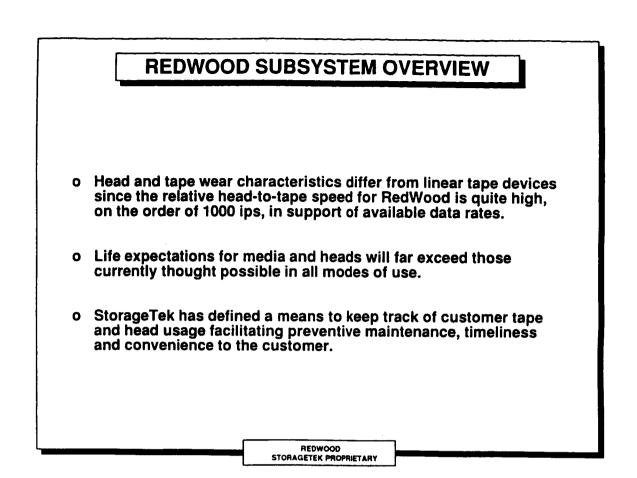


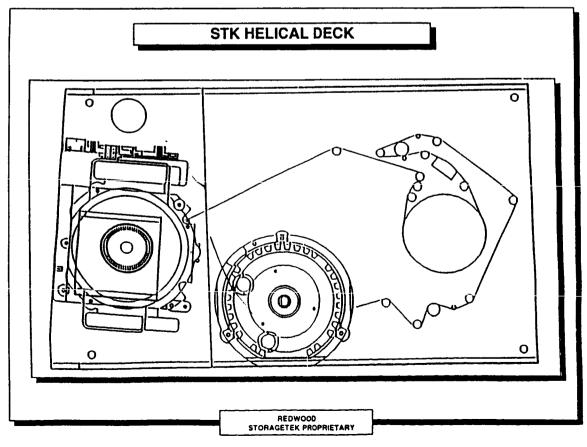


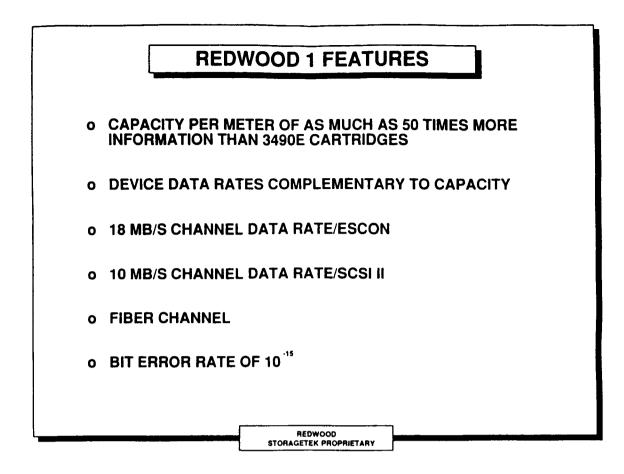


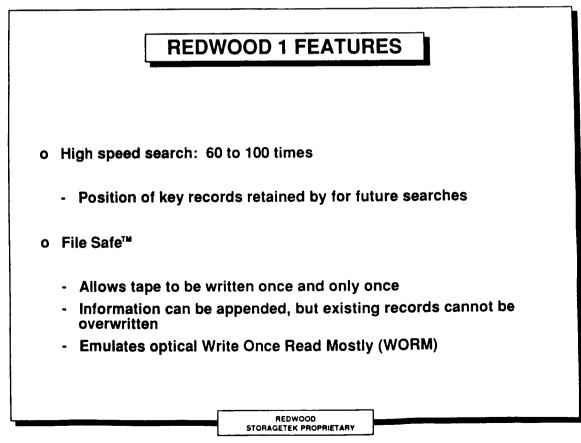




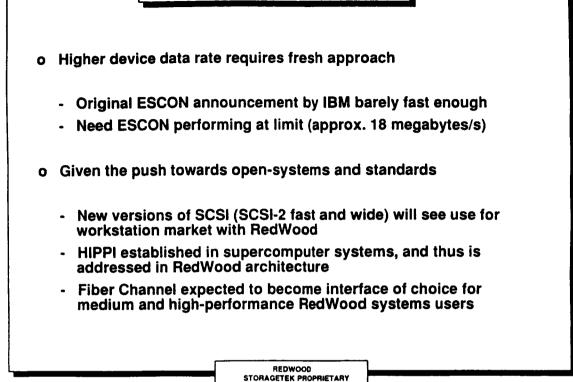


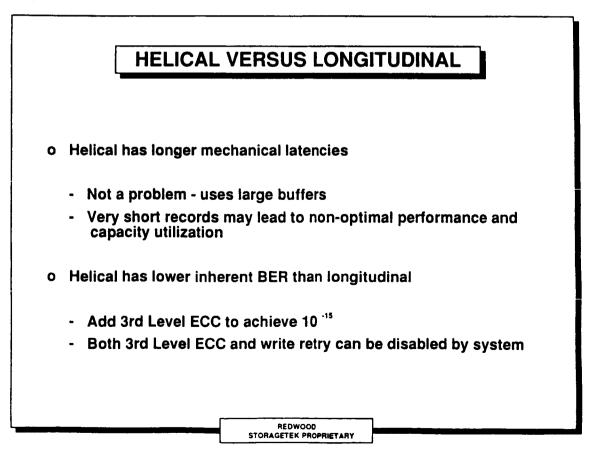


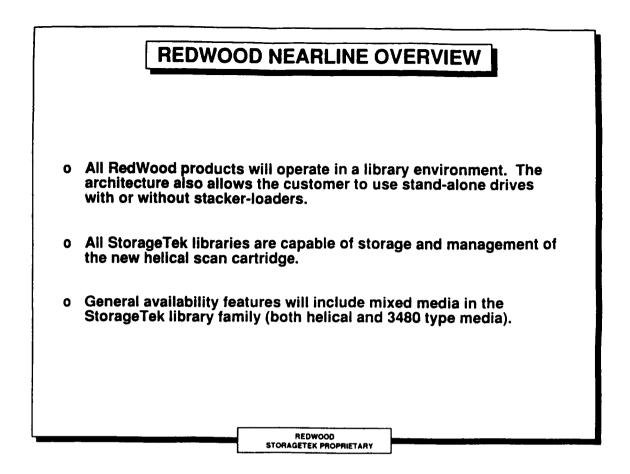




## INTERFACE OVERVIEW







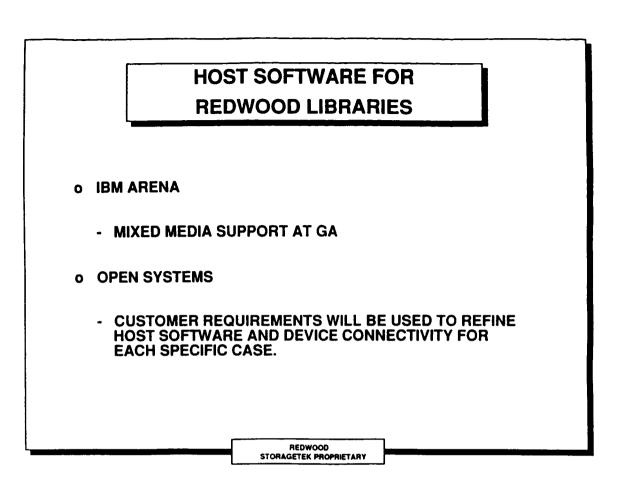
## LIBRARY COMPARISONS

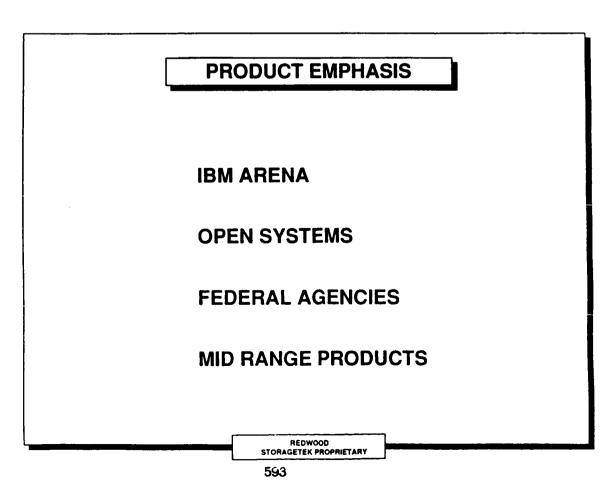
LIBRARY		TIMBERWOLF	WOLFCREEK	4400/PH
Estimated Floor space (sq ft)		23	33	100
3490E (36 track)	Capacity	0.2	0.4	2.4
RedWood 1	(terabytes)	10	20	120

o Capacity comparison does not include compression

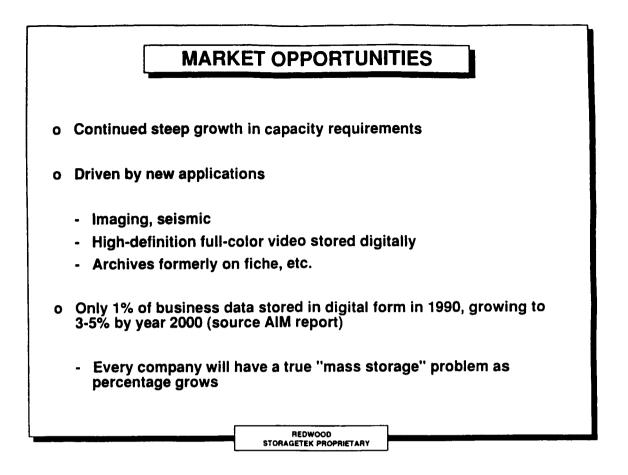
o Floor space does not include access for manual loading, servicing

REDWOOD STORAGETEK PROPRIETARY





\_\_\_\_



PRODUCT A	VAILABILITY
199	94
REDW	VOOD PROPRIETARY
594	

