



*EMERGING
TECHNOLOGIES*

*JIM WADDELL
SONY RECORDING MEDIA*

TO BE DISCUSSED....

- ◆ *TRAVAN*
- ◆ *DTF*
- ◆ *MAMMOTH*
- ◆ *DDS-3*
- ◆ *OPTICAL DEVELOPMENTS*



*TRAVAN AND ASSOCIATED
CARTRIDGES*

*A TRULY OPEN TAPE
STANDARD*

READ/WRITE COMPATIBILITY

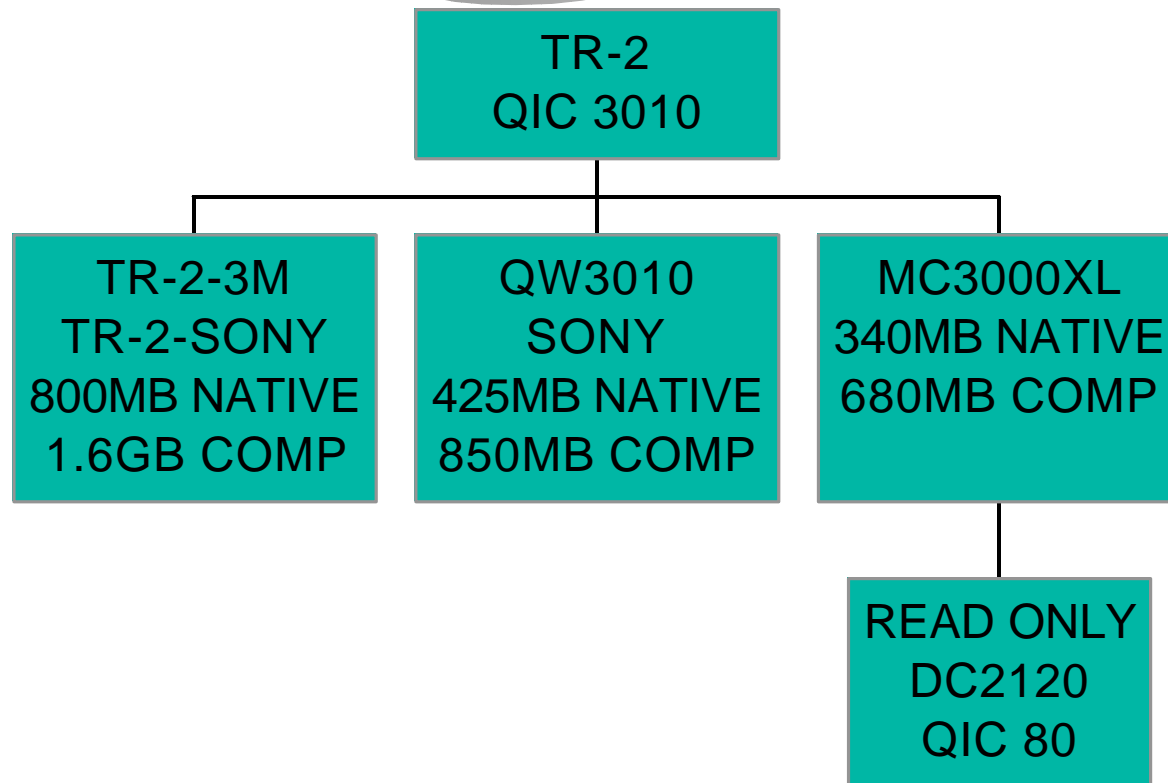
TR-1 DRIVES
QIC-80 CLASS

TR-1--3M
TR-1--SONY
400MB NATIVE
800MB COMP

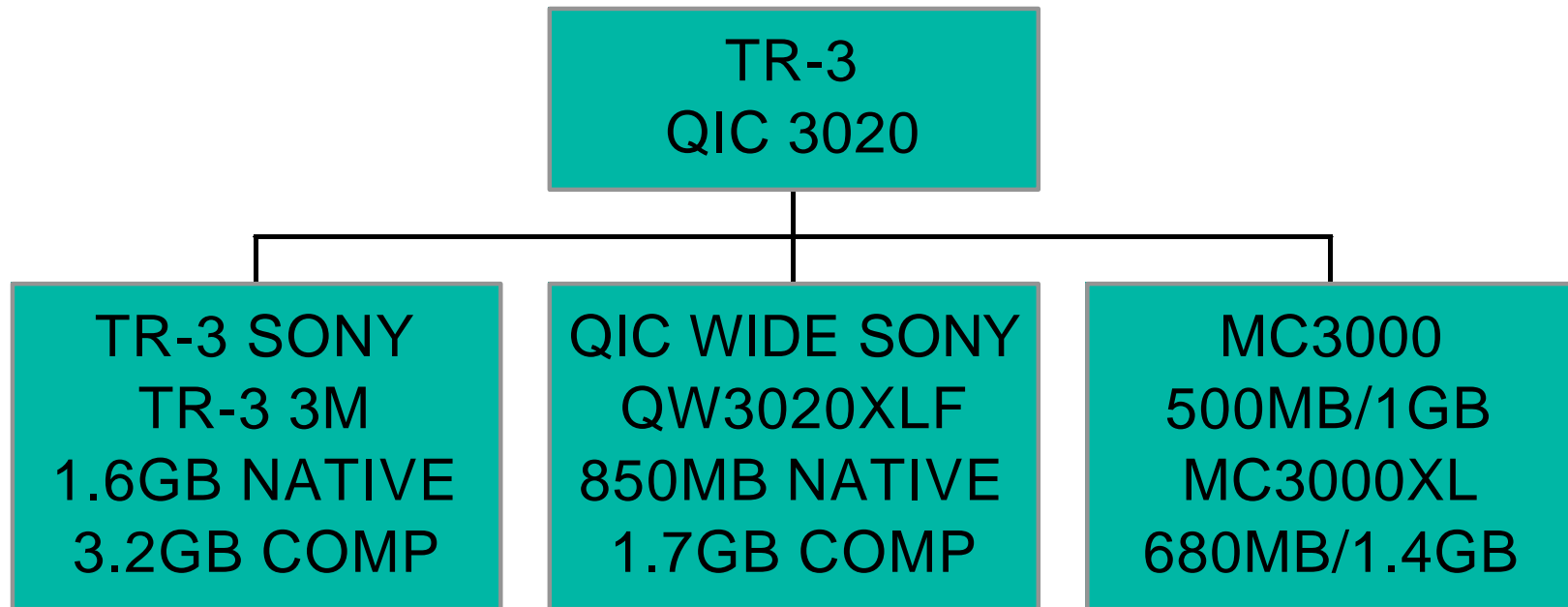
QIC-WIDE SONY
QW5122F
210MB NATIVE
420MB COMP

QD2120
120MB NATIVE
250MB COMP

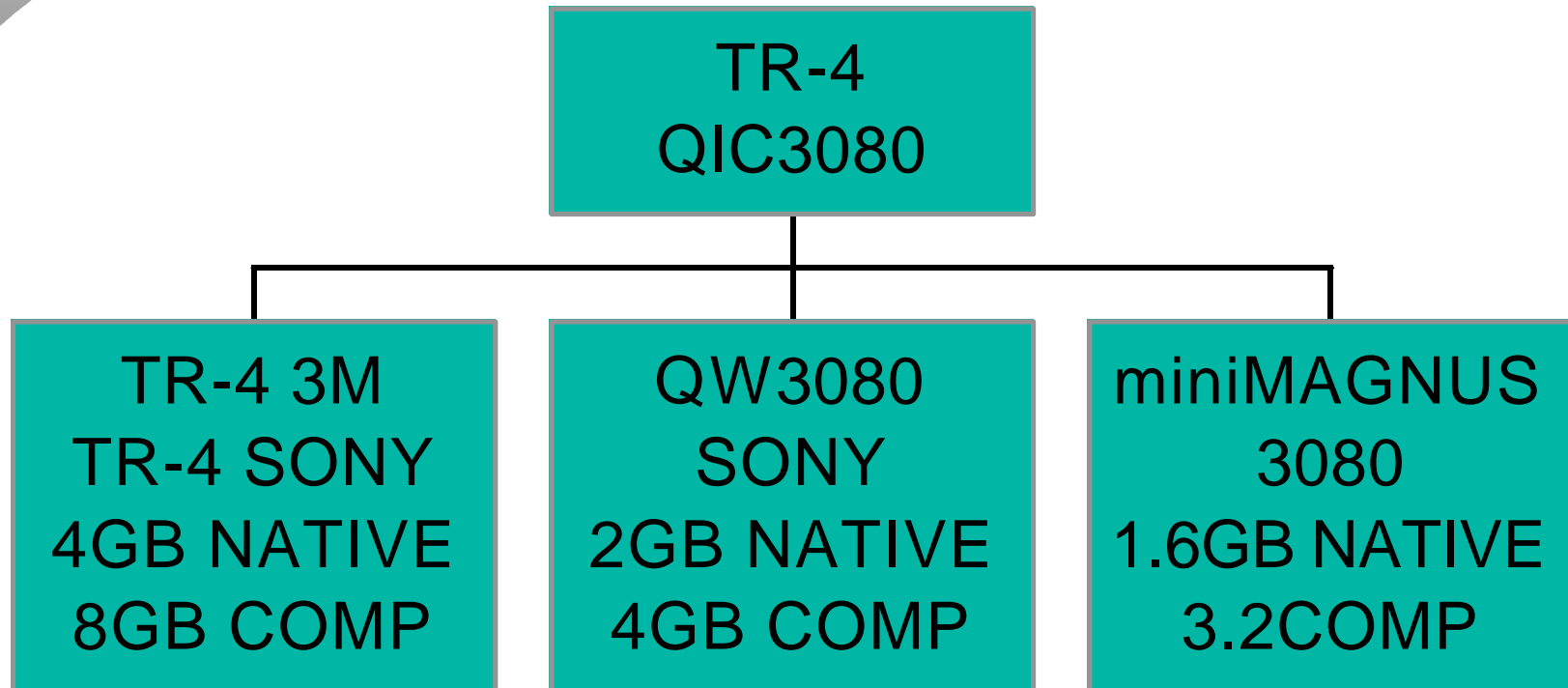
READ/WRITE COMPATIBILITY- QIC 3010



READ/WRITE COMPATIBILITY-QIC 3020



READ/WRITE COMPATIBILITY-QIC3080



TRAVAN=COMPATIBILITY

- ◆ *TOTALLY BACKWARD COMPATIBLE WITHIN FORMAT*
- ◆ *TR-1 HAS AN UNCOMPRESSED CAPACITY OF 400MB*
- ◆ *QIC-WIDE CARTRIDGES ARE THE LOGICAL SOLUTION FOR INCREMENTAL BACKUPS*

SONY AND TRAVAN

- ◆ *SONY IS THE ONLY LICENSEE OF TRAVAN*
- ◆ *TRAVAN IS DERIVED FROM SONY CONCEPTS(QIC-WIDE; LARGE TAPE PACKS)*
- ◆ *SONY HAS SOLUTIONS AT ALL LEVELS*



DIGITAL TAPE FORMAT

*“DATA BETA”
THE FORMAT THAT WOULD
NOT DIE!*

AN ANSWER TO LARGE STORAGE REQUIREMENTS

- ◆ *42 GB PER LARGE CARTRIDGE*
- ◆ *12 GB PER SMALL CARTRIDGE*
- ◆ *12MB/SEC TRANSFER RATE*

AN ANSWER TO MASS STORAGE REQUIREMENTS...

- ◆ *1/2" DIGITAL TAPE ROBOTICS LIBRARY*
- ◆ *UP TO 1.47 TB OF FORMATTED STORAGE*
- ◆ *COMBINE LARGE AND SMALL CASSETTES*
 - *MAXIMUM 35 LARGE CASSETTES*
 - *MAXIMUM 70 SMALL CASSETTES*

RELIABILITY & DURABILITY

- ◆ *10X10-17 CBER*
- ◆ *ADVANCED METAL PARTICLE MEDIA*
 - *SMALLER PARTICLE SIZE*
- ◆ *1500 OERSTED MEDIA*
 - *LOW CHANCE OF ACCIDENTAL ERASURE*

SPEED

- ◆ *STANDARD TRANSFER RATE: 12MB/SECOND*
 - *BURST TO 20 MB/SEC*
 - *<6 SECOND ACCESS IN LIBRARY*
- ◆ *SCSI 2 FAST & WIDE*
- ◆ *USING SMALL CASSETTES REDUCES ACCESS TIMES*

MORE STORAGE

- ◆ *SOLUTIONS TO 30 TB ARE AVAILABLE*
- ◆ *STORAGE DENSITY : 210GB/SQ FT*



MAMMOTH

*A QUANTUM LEAP IN DATA
STORAGE*

A NEW GENERATION OF 8mm TAPE PRODUCTS

- ◆ *20GB PER CASSETTE*
- ◆ *ADVANCED METAL EVAPORATED
MEDIA (AME)*
- ◆ *3MB/SECOND TRANSFER RATE*
- ◆ *MODULAR LIBRARY SYSTEMS*
- ◆ *RELEASED IN LATE '95*



DDS-3

YES, DDS-3

DDS: DOABLE DATA STORAGE

- ◆ *MOST SUCCESSFUL “NEW”
FORMAT*
- ◆ *UNIVERSAL DRIVE MANUFACTURER
SUBSCRIPTION*
- ◆ *CROSSPLAY ASSURED*
- ◆ *STRICT FORMAT ADHERENCE IS
THE KEY TO PERFORMANCE*

DDS-3

- ◆ *MP++ MEDIA*
- ◆ *LONGER LENGTH MEDIA*
- ◆ *12GB CAPACITY (NATIVE)*
- ◆ *720 KB/SEC TRANSFER RATE*
- ◆ *BACKWARD READ COMPATIBILITY TO AT LEAST ONE GENERATION*
- ◆ *AVAILABLE EARLY '96*

OTHER NEW DEVELOPMENTS FOR 1996

- ◆ *MD DATA (HONEST!)*
- ◆ *4X 5.25" MO (2.6GB; ISO STANDARD)*
- ◆ *6X 3.5" MO*