Trace

This document is designed for Tracer/ST customers who own a Trace Series 2000/3000 system. It summarizes the cross-verification capabilities between the Tracer/ST and the Series 2000/3000.

The Tracer/ST will, in most cases, successfully cross-verify diskettes which have been duplicated on a 2000/3000 system, when the product image file has been created from a *silver master*. A silver master is an archival or secondary master diskette recorded by professional duplication equipment such as the Series 3000 or Tracer/ST.

A *gold master*, on the other hand, is a diskette recorded by a target computer. It is the gold master that is provided to a diskette duplicator as the "original" from which copies are to be made. Because the gold master has been made on a PC, the format structure is to some degree corrupted because of the presence of write splices in the gaps between its data fields.

Trace recommends that customers always make a small set of silver masters on the Series 2000/3000, and that they use these silver masters as the masters for duplication and verification on both the Series 2000/3000 and the Tracer/ST.

This being said, the table below summarizes cross-verification capabilities between the two systems. This table refers specifically to cross-verification using a silver master to create the image file. For information on using gold masters to create the image file, call Trace Customer Support.

Formats	Cross-Verify 3020 Copies on a Tracer/ST (using a silver master to create the Tracer/ST image file)	Cross-Verify Tracer/ST Copies on a 3020 (using a silver master to create the Tracer/ST and 3020 image files)
IBM PC (all)	yes	yes
NEC 9801	yes	yes
J-3100	yes	yes
Mac 400K/800K	[A]	[A]
Mac 1.44 MB	yes	yes
Amiga	[B]	[B]
Apple II	[B]	[B]
Commodore-64	[B]	[B]
"Generic" FM/MFM	yes	yes

[A] Cross-verification is possible if the Series 2000/3000 is running system software A.92, Revision D, or if the 3020 image is created using the index-based version of the format.

[B] Cross-verification is possible if the 3020 image is created using the HyperTrace index-based version of the format. (HyperTrace can copy these formats with or without index.)

NOTE: Serialized and copy-protected 3020 masters cannot be cross-verified on the Tracer/ST.