DESCRIPTION OF CHANGE

THE FOLLOWING SOFTWARE PACKAGE IS TO BE MADE AVAILABLE FOR IMMEDIATE CUSTOMER DISTRIBUTION.

WLI# 195-2259-9
CONTENTS  DESCRIPTION  VERSION
703-2290A  Wangwriter 2236DE Terminal Emulator - W21011  1.1

SOFTWARE

REASON/SYMPOTOM FOR CHANGE
Initial Release

ECO MGR
J. Proulx

DES. ENGRG.
J. Proulx

CUST. ENGRG.
J. Tynan

MFG. ENGRG.
J. Tynan

ORIGINATOR
Linda Lambert

RECEIVED
JUL 27 1983
PRINT ROOM

7/22/83

7/17/83

52
SOFTWARE PRODUCT RELEASE RECOMMENDATION

This recommends the release of Wangwriter 2236DE Terminal Emulator, Version 1.1 from the Development Center to Distribution. By the signatures below, the groups involved in the development of this product indicate that all requirements pertaining to the release of the product have been met (accept), and the product is recommended for release; or that the product is not recommended for release at this time (reject). Lack of a signature and release recommendation indicates that the named group has had insufficient involvement in the development effort to make a release recommendation at this time.

SOFTWARE PRODUCT: 2236DE Terminal Emulator
Version 1.1

WLI No: 195-2259-9
ECO No: 28574
SRN No: 0123
PEP No: N/A

PRODUCT LINE/MODEL: Wangwriter

ORIGINATOR: Software Engineering

RELEASE TYPE: General

EFFECTIVE DATE: July 7, 1983

SOFTWARE PRODUCT RELEASE RECOMMENDATIONS

☐ Accept ☐ Reject  Software R&D:  

☐ Accept ☐ Reject  Software Engineering:  

☐ Accept ☐ Reject  Customer Engineering:  

☐ Accept ☐ Reject  Product Marketing:  

☐ Accept ☐ Reject  Corporate ECO:  

Date: 7/7/83
Date: 7/7/83
Date: 7/7/83
Date: 7/7/83
Date: 7/7/83

ECO NO: 28574

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**Software Release Notice # 0123**

**Software Engineering**

<table>
<thead>
<tr>
<th>Description</th>
<th>2236DE Terminal Emulator Disk</th>
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<td>1.1</td>
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<td>Wangwriter II</td>
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<td>General</td>
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<td>Purpose of Release</td>
<td>Initial Release</td>
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</table>

**Testing and Evaluation**

- □ Percent of PQA Test Plan Completed: __%__
- □ Percent of PRE ALPHA Test Plan Completed: __%__
- ☑ Percent of PRE BETA Test Plan Completed: 100 %

**Bill of Materials**

**SOFTWARE:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Version</th>
<th>Description</th>
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<tr>
<td>N/A</td>
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</tbody>
</table>

**MEDIA:**

- WLI #: 195-2259-9
- Media Description: Wangwriter/2236DE Terminal Emulator Disk WW21011 - Version 1.1
- Media Part Numbers: 703-2290A

**MANUALS:**

- Manual Title or Description: None
- Manual Part Number: 

**Special Instructions**

- Installation Criteria:
  - □ At next visit
  - □ As soon as possible
  - □ Customer installed
  - ☑ To be shipped to all customers who have purchased the option

- Approved by: 
- Department: 

**COMPANY CONFIDENTIAL**
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1.0 RELEASE ABSTRACT

The purpose of this release is to make available the Wangwriter/2236DE terminal emulation with complete CRT, keyboard, printer, system record and document transfer capabilities.

Document Transfer involves sending a 2200 Word Processing document from the 2200 library to the Wangwriter where it is converted to Wangwriter document format and stored on an archive diskette OR sending a Wangwriter document from a Wangwriter archive diskette to the 2200 where it is converted to a 2200 Word Processing document and stored under the proper library.

2.0 PRE-REQUISITES

2.1 Hardware

A. Wangwriter II
B. Bootstrap Prom with Hardware Diagnostics
C. Write protect mechanism on the Floppy Disk Drive
D. CPU DIP switch settings must be as follows for proper operation of the diagnostic prom, and the proper loading of the system software:
   1. Switches 1, 3, and 6 must be on
   2. Switch 4 must be on for Dual Disk Systems; all others off.
E. Hardware should be updated to the following:
   1. 7975 (Memory/CRT board) at E Rev 5 (ECOs 22290D, 22745D, 22868D, 23116D, 24360)
   2. 7976 (Printer Driver Board) at E Rev 1 (ECO 22095D)
   3. 7977 (CPU/Disk Board) at E Rev 5 (ECOs 22283D, 22572D, 23143D, 23746, 24230)
   4. Diagnostic Prom - Part Number 378-6044
   5. 7771 (Foreground Telecommunications Board) at E Rev 2 (ECO 25395)

2.2 Software

Document Transfer Utility - 2200 Word Processing Release 2.1 or greater

3.0 ALERTS

None

4.0 TESTING/EVALUATION

This software was tested at two sites coordinated by Software Engineering, Product Review and Evaluation (PRE). All standard 2200 functions (e.g. WP, BASIC, IDEAS, PRISM, transfer of data to and from Wangwriter, DATAMERGE, 3270 pass through) were tested. No problems were experienced at one site; however a printing problem (extra lines on printout) was experienced at the second site. This problem was attributed to hardware and was not seen in the PRE lab or at the other customer site.
A unit was set up in the PRE lab and short testing was executed to verify functionality. Normal 2200 emulations functioned as expected in all locations. Product Review and Evaluation feels that this product is suitable for general release.

5.0 DISTRIBUTION INFORMATION

This software will be shipped out of Manufacturing with each Wangwriter II supporting 2236DE Emulation and to each field office supporting these Wangwriters.

6.0 INSTALLATION INSTRUCTIONS

None

7.0 MEDIA CONTENTS

N/A

8.0 RESTRICTIONS AND SPECIAL CONSIDERATIONS

1. The Document Transfer Utility is available under 2200 Word Processing Release 2.1.

2. The user should not run the Document Transfer Utility while background printing a document to printer 204 under 2200 Word Processing.

3. The user should not inadvertently pull the paper load lever or press any of the printer keypad keys. These actions will cause damage to the screen displays, particularly menus.

4. The document conversion process between the 2200 and the Wangwriter does not handle every attribute combination available to documents. The attribute conversion is handled in the following manner:

<table>
<thead>
<tr>
<th>Wangwriter Attribute</th>
<th>2200 Representation</th>
</tr>
</thead>
<tbody>
<tr>
<td>underscored character</td>
<td>underscored character</td>
</tr>
<tr>
<td>double underscored character</td>
<td>underscored character</td>
</tr>
<tr>
<td>superscripted character</td>
<td>(-SUPERSCRIPT-)character (-SUBSCRIPT-)</td>
</tr>
<tr>
<td>subscripted character</td>
<td>(-SUBSCRIPT-)character (-SUPERSCRIPT-)</td>
</tr>
<tr>
<td>strikethrough</td>
<td>non-supported — i.e. normal character</td>
</tr>
<tr>
<td>bold character</td>
<td>non-supported — i.e. normal character</td>
</tr>
</tbody>
</table>
2200 to Wangwriter Document Transfer Direction

2200 Representation
underscored character
(-SUPERSCRIPT-)character(-SUBSCRIPT-)
(-SUBSCRIPT-)character(-SUPERSCRIPT-)

Wangwriter Attribute
underscored character
superscripted character
subscripted character

9.0 ENHANCEMENTS
N/A - First Release

10.0 PROBLEMS CORRECTED
N/A - First Release

11.0 KNOWN ANOMALIES
None

12.0 REFERENCES
None

13.0 ENCLOSURES
None

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## Engineering Change Order

### Manufacturing Effectivity and Disposition

**ECO # 28574**

**Sheet 9 of 10**

### Material Disposition

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<th>Vendor</th>
<th>Special Instructions</th>
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<tbody>
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<tr>
<td>REWORK</td>
<td></td>
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<td>USE AS IS</td>
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<td>NEXT BUY</td>
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**Documentation Only**

**Effectivity: Material Availability**

**Implementation Date**

**Approval**

- **Committee Chairperson**
- **DISTRIBUTION**
  - SITE MFG ENGINEERING
  - COMPONENT ENGINEER
  - CENTRAL QUALITY ENGRC.
  - SITE MATERIALS

**Special Instructions**

**DISTRIBUTION**

**RETURN TO MFG. PRODUCT LINE FOR REWORK**

**No Impact**

**14-7096D Printed in U.S.A. 4-83-5M**
## ENGINEERING CHANGE ORDER

### CUSTOMER ENGINEERING EFFECTIVITY AND DISPOSITION

<table>
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<tr>
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<td>SOFTWARE RELEASE</td>
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| OTHER | TOTAL |  |  |  |

**GENERAL COMMENTS:**
To make available terminal simulation with complete CRT, keyboard, printer, system record, and document transfer capabilities.