This letter details the procedures for ordering new and upgrading existing Tektronix Craftek CT-100 ISDN Hand Held test sets to accommodate testing of ISDN lines with the 2B1Q line code.

BACKGROUND

Prior to September 1, 1991 ISDN service provided by WBI used AMI type line coding. With the 5E6 generic release to the AT&T 5ESS switch, 2B1Q line coding became available. Some AT&T 5ESS 2B1Q lines have been installed in WBI as of this date. (ISDN is currently not offered from a DMS 100 in WBI, but when available will use 2B1Q line coding)

Because 2B1Q is the National standard for ISDN, all Ameritech Bell companies will be converting existing "AMI" ISDN customer lines to the 2B1Q standard. We expect to begin this conversion in WBI around December 1, 1991. Eventually (Estimated by 3rd quarter 1992) all new ISDN service will be 2B1Q, AMI will not be offered nor will it exist.
ORDERING NEW TEST SETS

The Tektronix Craftek CT-100 is one of three SOE hand held ISDN test sets available. The Craftek CT-100 is used in the ISDN I&M training course (#7360) at the TDC and is the only test set recommended for Field Technicians at this time.

Not knowing when 2B1Q will be universally deployed, it is our recommendation that your Craftek test set be ordered/equipped with the following options:

1) Option 1B = AMI ($495) and Option 2B = 2B1Q ($895).

2) Option 38 = Padded carrying case ($60).

3) Option 46 = RJ45 to angled bed of nails cord ($8).

These items are listed in the Ameritech SOE Capitol tool catalog. Crafteks ordered with Option 2B currently have an 8 week delivery schedule.

UPGRADING "AMI" CRAFTEKS

(Because AMI to 2B1Q conversions could start in December, we urge you to upgrade your unit/s as soon as possible.)

To add the 2B1Q capability to an AMI equipped Craftek, you must ship the test set to the manufacturer. The exterior case will be replaced with the internal parts undergoing major revisions.

Tektronix will schedule the upgrading of your unit/s upon receipt of your request through the Form 3846 process. Do not send your Craftek in with your initial request! Tektronix will provide a shipping container and instructions for the appropriate shipping date.

An "Example" of the upgrade process is shown on the Attachment. Please utilize the information on the attachment to prepare your requests.

Thomas W. Brzezinski
Staff Manager - Loop Support
## Request For Tools And Material

### SAMPLE FORM

<table>
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<tr>
<th>Date Ordered</th>
<th>Date Wanted</th>
<th>Not Before</th>
<th>RC-O</th>
<th>RC-C</th>
<th>Geo. Loc.</th>
<th>Request Number</th>
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<td>ASAP</td>
<td>p 2nd LEVEL</td>
<td>p 1st LEVEL</td>
<td>T-AREA</td>
<td>101485</td>
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### Authorization/Est. No.

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<tbody>
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</table>

### Ordered By

**CAPITAL TOOL ADMINISTRATOR**

**Telephone No.**

414-678-4275

### Ship To

**YOUR NAME**

**Street Address**

YOUR ADDRESS

**City**

WISCONSIN

### Remarks

CAPITAL TOOL

### Catalog Description

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<tr>
<th>FC/FRC</th>
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<th>Material Item No.</th>
<th>Cost</th>
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<td>3</td>
<td>EA</td>
<td>UPGRADE PART # CT12BU</td>
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BUYER NOTE:

GIVE PURCHASE ORDER # AND # OF UNITS TO VENDOR SO SHIPPING CONTAINERS CAN BE PROVIDED

Vendor Note:

TOOL NOTE: DUE TO NEW TOOL CASING, BAR CODES MUST BE REPLACED AND ORIGINAL BAR CODES VOIDED.
Craftek 2B1Q Upgrading Instructions

1) Prepare Form 3846 (See attached example) and forward through normal channels. Be sure to include the serial number (Located on back of unit) and Bar Code number on the 3846. Curtis Road will place new Bar Codes on your unit after completion of the upgrade. Your unit will retain the same Tektronix serial number.

2) Tektronix schedules your unit for upgrading upon receipt of 3846 request. You will be notified by Tektronix with the date by which your unit will be upgraded.

3) Shipping instructions (with container) is sent to you with date that Craftek must be sent in.

NOTE: The return shipping label should be addressed to:

ASI
313 S. Curtis Road
West Allis, Wi 53214

Put the 3846 request number on this shipping label.

4) You ship Craftek on date specified by Tektronix (One day Air Freight). Do Not ship unit with accessories.

5) Tektronix upgrades unit/s in 24 hours.

6) Tektronix sends unit to Curtis Rd (One day Air Freight)

7) Curtis Rd. places new Bar Code and ships unit to your location.

The entire process, from receipt of the 3846 to receipt of your upgraded unit should take no longer than 8 weeks. Expect to be without your unit for approximately one week.