

06 March 1991

New ST-8000A Parts List Revisions

Enclosed are new revisions reflecting all changes in the ST-8000A that I know of as of this date. All current ECO's are satisfied by these revisions. These revisions assume that further production will use the revised versions of the Modem (D1241B), Control (D1240B), and Power Supply (D1242A) circuit boards. Minor corrections and changes are also incorporated.

MAJOR IMPACT CHANGE:

At the urging of Rex Debolt, Linda Scott, and Ron Berkman, I have agreed to eliminate Revision letter tracking in the part numbers of mechanical parts and circuit boards. Since 1973, HAL has designated that the final digit of "000-xxxxy" and "050-xxxxy" parts (cabinet parts & circuit boards) would reflect the drawing revision letter ("1" = A, "2" = B, etc.). Unfortunately, this has not been followed religiously, particularly in the computers used by inventory and purchasing. Further, changing the part number for each part revision creates "mother/daughter" tracking problems that our inventory and purchasing software is evidently not smart enough to handle. Therefore, with great reluctance, I have abandoned this scheme and the attached revision to the HAL PART NUMBERING STANDARD (870-99030, REV A) reflects this change.

FROM THIS DATE FORWARD:

"000-" and "050-" parts shall set the final digit to ZERO (0), for all drawing revisions. The following shall be the guideline when these parts are revised:

1. If the change is minor and all revisions are functionally equivalent, there shall be no distinction made between parts received, stored, costed, or used in production.
2. If the change is major and the newest revision is not 100% functionally compatible with the previous versions, a NEW DRAWING AND PART NUMBER SHALL BE ASSIGNED.
3. There shall be NO EXCEPTIONS TO (1) or (2).

PRESENT CONSEQUENCES:

As a result of these changes, the following will have to be done IMMEDIATELY:

1. All SCD's for the affected parts will have to be re-issued as NEW PARTS.
2. All computer entries (inventory and purchasing) shall have to be re-entered for all affected parts. In our present system, I understand that this means deleting the present base part number, creating a new part number, and then correcting the part numbers in every sub-assembly using the part.
3. All production assembly, inspection, and test procedures referencing the affected parts must be changed.

AFFECTED ST-8000A PARTS:

The following ST-8000A parts are presently incorrectly listed:

000-14500 (was 14502)
000-14510 (was 14511)
000-14550 (was 14551)
000-14560 (was 14562)
000-14650 (was 14651)
000-14660 (was 14661)
000-14670 (was 14671)
000-14680 (was 14681)
050-12400 (was 12401)
050-12410 (was 12411)
050-12430 (was 12431)
050-12440 (was 12441)

REVISED PURCHASING PROCEDURE:

The HAL part number no longer carries revision data. Therefore, new purchases for mechanical parts or circuit boards shall not be made without first obtaining the most recent revisions from Configuration Management. Source Control or Specification Control Drawings shall accompany ALL purchase orders for these parts. New drawings shall be sent with the P.O. when required.

EXCEPTIONS:

Two part types must continue to carry Revision data in the part number:

- (1) Transformers
- (2) Programmed EPROM's.

This is a genuine "can of worms" and must be changed as soon as possible to prevent any further confusion. Having a "Configuration Management Plan" requires that we have a uniform method of assigning part numbers - and we must follow it. Continuing with some P/N's conforming and others not conforming is NOT ACCEPTABLE. The immediate concern is only with the ST-8000A product. All data on parts used in this product must be changed before March 22,1991.

For other products, ALL "000-" and "050-" P/N's must also be revised in the future to conform to the P/N Standard - within 6 months.

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