SPERRY
SYSTEM TECHNICAL
BULLETIN CUSTOMER ENGINEERING

TITLE: T3076/1982 TEMPORY FIELD CHANGE (TFC) PROCEDURE.

PURPOSE:

TO INFORM THE FIELD OF A NEW PROCEDURE FOR EXPEDITING AN ENGINEERING CHANGE TO THE FIELD.

EXPLANATION:

THE GENERAL RELEASE OF SYSTEM 80 MODEL 8 SYSTEM WILL BE RELEASED UNDER PLATEAU CONTROL. THE PLATEAU CONTROL CONCEPT HAS BEEN UTILIZED ON THE 1100 SYSTEMS FOR SOME TIME WITH A GREAT DEAL OF SUCCESS. THE PLATEAU CONTROL CONCEPT DICTATES THAT THE RELEASE LEVELS OF A SYSTEM (CENTRAL COMPLEX) ADHERE TO GUIDELINES ESTABLISHED BY ALL OF THE DISCIPLINES INVOLVED IN THE DESIGN (HARDWARE, SOFTWARE), MANUFACTURING, MARKETING AND SUPPORT OF THE SYSTEM.

THE BASIC CONCEPT IS THAT AN INITIAL RELEASE LEVEL IS ESTABLISHED FOR HARDWARE FIRMWARE, DIAGNOSTICS, AND SOFTWARE. THIS LEVEL IS DESIGNATED PLATEAU 1.00. THE SYSTEM IS TESTED AND RELEASED AT THAT LEVEL. SUBSEQUENT CHANGES TO THE INITIAL RELEASE WILL INCREMENT THE PLATEAU LEVEL IN THE FOLLOWING MANNER.

	BASE PLATEAU	SOFTWARE ONLY PLATEAU	MICROCODE ONLY CHANGE	HARDWARE ONLY CHANGE	ALL ITEMS CHANGE
PLATEAU	1.00	1.01	1.02	2.00	3.00
HARDWARE	XX	XX	XX	XX+1	XX+2
SOFTWARE	8.2	8.2A*	8.2B*	8.2B	8.2C
LOADABLE MICROCODE	YY	YY	YY+1	YY+1	YY+2

* INDICATES AN SMP

ALL MAJOR PLATEAU AND SUBLEVEL PLATEAU RELEASES WILL BE TESTED AS A SYSTEM PRIOR TO ITS RELEASE.

DURING THE INTERVAL BETWEEN MAJOR OR SUBLEVEL PLATEAU RELEASES, THERE WILL BE NO INTERIM UPDATING OF THE SYSTEM (CENTRAL COMPLEX) AS WAS DONE ON THE SYSTEM 80 MODEL 3 THRU 6. ALL SYSTEMS WILL BE MAINTAINED AT A PARTICULAR PLATEAU LEVEL. PLATEAU UPDATES WILL BE PERFORMED IN ONE OPERATION (HARDWARE, SOFTWARE, FIRMWARE).

FOR THOSE CRITICAL SITUATIONS THAT ARISE FOR A PARTICULAR PROBLEM THAT A CUSTOMER(S) MAY EXPERIENCE DUE TO A HARDWARE PROBLEM, A PROCEDURE TO PROVIDE A FIX, PRIOR TO THE NEXT PLATEAU RELEASE HAS BEEN INTRODUCED. THIS PROCEDURE IS TITLED TEMPORARY FIELD CHANGE (TFC). THE TFC CONCEPT PROVIDES THE HARDWARE DESIGN GROUP A VEHICLE TO GENERATE A CHANGE FOR A PROBLEM PRIOR TO ITS OFFICAL INCORPORATION INTO THE NEXT PLATEAU RELEASE. DESIGN ENGINEERING PROVIDES A TFC DOCUMENT, WITH PROBLEM DESCRIPTION, REWORK INSTRUCTION, AND PARTS, IF REQUIRED, TO TECHNICAL SUPPORT. TECHNICAL SUPPORT WILL PROVIDE THE TFC TO A SITE OR SITES THAT ARE EXPERIENCING THE PROBLEM REPORTED IN THE TFC. IF THE PROBLEM IS ONE WHICH ALL SITES ARE EXPERIENCING, AN STB WILL BE ISSUED.

ONCE A SITE RECEIVES A TFC, THE CE WILL BE REQUIRED TO MAINTAIN A RECORD OF THAT TFC WHEN IT IS INSTALLED. A PCA CHANGED VIA A TFC WILL BE IDENTIFIED BY ADDING A SUFFIX T1, T2, T3, ETC., TO THE EXISTING PART NUMBER.

T1982 PCA EXAMPLE: EXISTING 3625928-308

CHANGE 3625928-308T1

ALSO THE FRONT HANDLE ID LABEL IS TO BE UPDATED/REPLACED WITH THE LAST FOUR DIGITS OF THE PCA NUMBER, DASH NUMBER AND TN. WHERE N=1 FOR THE FIRST TFC AFFECTING THAT PCA OR THE NEXT SEQUENTIAL NUMBER AS CALLED OUT ON THE TFC DOCUMENT.

THE PCA ID LABEL HAS P/N 3044364-00, ITS USAGE IS EXPLAINED IN STB 3045-85.

THE MELCO PCA'S ARE NOT MARKED WITH SPERRY PART NUMBERS, INSTEAD THEY HAVE THE MELCO NAME AND AN APLHA COMPATIBILITY LEVEL ON THE TOP PORTION OF THE HANDLE. WHEN A TFC IS GENERATED FOR ONE OF THESE PCA'S, THE PCA ID LABEL (P/N 3044364-00) WILL HAVE TO BE CUT TO FIT ON THE HANDLE BRACKET NEXT TO THE COMPATIBILITY STICKER. THE ID LABEL SHOULD BE MARKED WITH THE COMPATIBILITY LEVEL AND THE TFC NUMBER AND PLACED NEXT TO THE COMPATIBILITY STICKER ON THE INSIDE OF THE INSERT/REMOVAL BRACKET ATTACHED TO THE PCA HANDLE.

T3076 PCA EXAMPLE: EXISTING F

ADDED FT1

WHEN AN FCO FOR THE NEXT MAJOR PLATEAU RELEASE IS GENERATED, THE REWORK INSTRUCTIONS WILL INCLUDE INFORMATION ON ANY TFC THAT MIGHT BE INSTALLED AND ITS IMPACT ON THE REWORK.

BETWEEN THE TIME A PLATEAU LEVEL IS ESTABLISHED AND ITS RELEASE, TFC'S MAY BE INCLUDED IN THE RELEASE BY DESIGN ENGINEERING/MANUFACTURING. THESE TFC'S ARE THE RESULT OF THE SYSTEM TEST CYCLE AND WILL BE DOCUMENTED IN THE SAME MANNER AS NOTED ABOVE.

INCLUDED IN THE TFC DOCUMENTATION ARE SECTIONS TO BE FILLED OUT BY THE INSTALLER. ONE SECTION IS TO BE RETAINED BY THE LOCAL ORGAINIZATION. THE OTHER SECTIONS ARE TO BE RETURNED TO THE ORGANIZATIONS SPECIFIED ON THE DOCUMMENT.

AFTER THE TFC HAS BEEN INSTALLED AND VERIFIED, THE SYSTEM DEFINITION FILE (SDF) SHOULD BE UPDATED WITH THE TFC NUMBER IN THE COMMENTS FIELD OF THE ENTRY FOR THE PCA THAT IS EFFECTED. UPDATING THE SDF IS ACCOMPLISHED BY CALLING IN THE SYSTEM DEFINITION UTILITY (SDU). ENTER SDU WHEN UPDATING FROM A WORKSTATION OR XSDU WHEN UPDATING FROM THE CONSOLE.

BLUE BELL