

TRACE DATA SYSTEM

COSEVILLE TRACE CONSOLE OPERATOR

112 - 612 - 631 - 7777 EXT. 6379

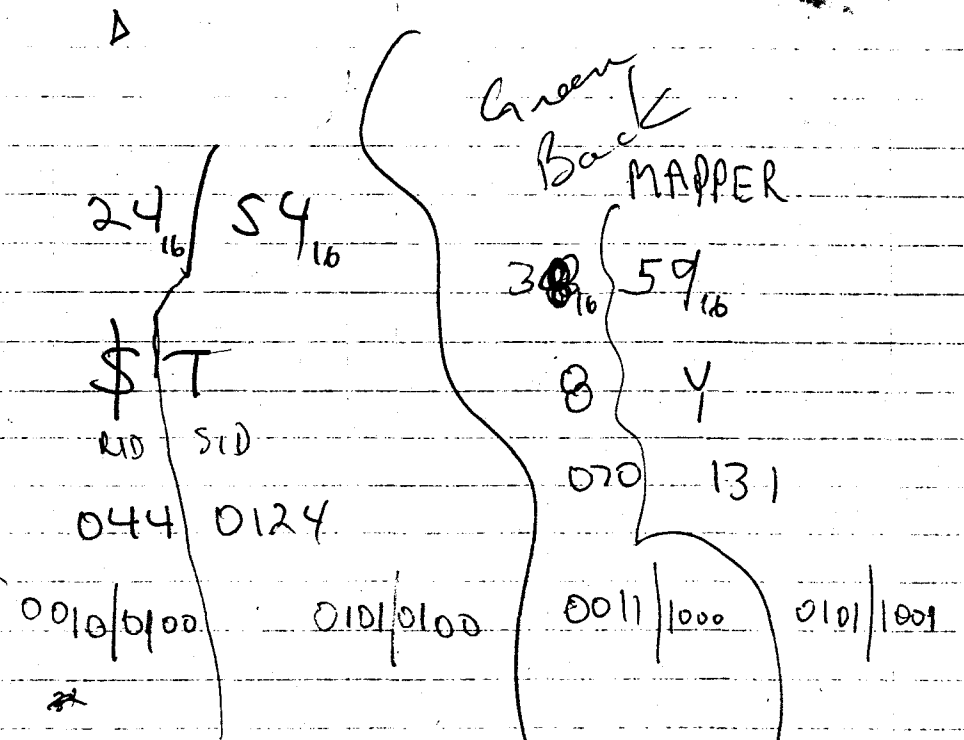
TO ACCESS TRACE DATA BASE

112 - 612 - 631 - ~~7777~~ ⁶⁷⁷⁶ EXT. 6776 SITE-ID 'SUN140'
 EXT. 6616 SITE-ID 'SUP140' ✓
7556 SUR140

1. DIAL NUMBER & REQUEST EXTENSION
2. ENTER SITE-ID
3. USER-ID / PASSWORD ▶ CASA / OPEN VANA / CZNØ
4. PROJECT-ID ▶ 0533
5. ENTER ▶ @XQT TOS*DATA.
6. FOLLOW SEARCH PROCEDURES FOR REMAINDER

BR = 05-3

zero means on.



MA1972


TRACE
DATA SYSTEM

SEARCH
PROCEDURES

REVISION: HCB-2
DECEMBER 1977
CUSTOMER ENGINEERING

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SPERRY  UNIVAC

THIS SERIES OF STEPS ESTABLISHES THE CONNECTION OF THE TERMINAL TO THE TRACE SYSTEM. THE TELEPHONE NUMBER AND IDENTIFICATION INFORMATION ARE CONTAINED IN THE "TRACE USER DATA SHEET" SUPPLIED TO INDIVIDUAL USERS. IF PROBLEMS ARE ENCOUNTERED, CALL ROSEVILLE EXTENSION 3379.

USERID/PASSWORDS ARE CHANGED APPROXIMATELY EVERY THREE MONTHS, BUT CAN BE CHANGED IMMEDIATELY UPON REQUEST.

THESE STEPS ACTIVATE THE SEARCH APPLICATION IN THE TRACE SYSTEM AND PROVIDE PROPER FORMATTING OF DATA SENT TO THE SCREEN. THE PERIOD (.) FOLLOWING "DATA" MUST BE ENTERED.

THIS STEP LOCATES THE FILE (AREA NAME) TO BE SEARCHED. THE FIND SUMMARY OF ZEROS INDICATES THAT THE FILE IS READY TO BE SEARCHED. THE SEARCH ARGUMENT IS ENTERED HERE. REFER TO MA1912, MA1915 FOR SPECIFICS. THE VIEW-DIR FUNCTION CAN BE ENTERED ANY TIME AFTER STEP 7, BEFORE STEP 9.

AT THIS POINT THERE ARE SEVERAL OPTIONS AVAILABLE. THEY ARE TO SEARCH A DIFFERENT FILE AREA, MAKE ANOTHER SEARCH ON THE AREA LAST SELECTED, VIEW, LIST ON COP, OR WRITE ON CASSETTE THE RECORDS FOUND IN THE PREVIOUS SEARCH, OR TO TERMINATE ACTIVITY AND DISCONNECT FROM THE SYSTEM. VIEW, LIST OR CASSETTE FUNCTIONS MAY FOLLOW OR PRECEDE EACH OTHER IN ANY ORDER.

C O N N E C T I O N	1A	DIAL TRACE TELEPHONE NUMBER
	R	DIAL/CONNECT TONE
	2A	PLACE HANDSET IN "DATA" MODE
	R	NONE
	3A	ENTER: DXXXXAA7 (SITE ID)
R	ENTER USERID/PASSWORD	
4A	ENTER: DXXXXXX/XXXXXX	
R	"System Information"	
*	IF THE D APPEARS ON THE RIGHT OF SCREEN, ENTER: D@INS 107	
A C T I V A T E	5A	ENTER: D@XQT TDS*DATA.7
	R	PLEASE ENTER SCREEN SIZE SELECTION 1 - 16X64 2 - 12X80
	6A	ENTER: D17 OR D27
	R	ENTER TRACE DATA SYSTEM FUNCTION
S E A R C H	7A	ENTER: DSEARCH (AREA NAME)7
	R	FIND SUMMARY = 000000
	8A	ENTER: D(ARGUMENT TERMS)
	R	FIND SUMMARY=XXXXXX
	9A	ENTER: DEND7
R	FIND SUMMARY=XXXXXX	
R	END OF ARGUMENT	
R	ENTER TRACE DATA SYSTEM FUNCTION	
10A	GO TO 7A, VIEW, LIST, CASSETTE, OR TERMINATE	

NOTE 1: AT ANY TIME AFTER STEP 4R, BEFORE TERMINATION, THE COP CAN BE ACTIVATED AND DEACTIVATED BY ENTRY OF D@PRNT 017 OR D@NOPR7 RESPECTIVELY.

SEARCH & PATCH & PSID = CORNNN & ENT (ET)

@@ PRNT 01

LIST

@ FIN I

@@ TERM

VIEW

THE VIEW FUNCTION DISPLAYS RECORDS SELECTED BY THE LAST SEARCH UNDER CONTROL OF THE VIEW FUNCTION DISPLAY COMMANDS. SEE TABLE OF VIEW COMMANDS. THE EXIT MUST BE DONE AFTER "END OF FILE" IS DISPLAYED. HOWEVER, TO END A (VIEW) SEQUENCE BEFORE ALL RECORDS ARE DISPLAYED, THE MANUAL INTERVENTION PROCEDURE SHOWN CAN BE PERFORMED.

LIST

THE LIST FUNCTION DISPLAYS SEQUENTIALLY WITHOUT PAUSE THE RECORDS FOUND IN THE LAST SEARCH PERFORMED. NORMALLY THE COP IS ACTIVATED (SEE NOTE 1, P. 2) AND THE ENTIRE LISTING IS COMPLETED. HOWEVER, TO END A LISTING BEFORE ALL RECORDS ARE DISPLAYED, THE MANUAL INTERVENTION PROCEDURE SHOWN CAN BE PERFORMED.

VIEW

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VA  ENTER: DVIEW7
R    (Display Of Records Found In Last Search)
R    SEE TABLE 1 FOR VIEW COMMANDS
R    END OF FILE - COMPANY CONFIDENTIAL C
A  ENTER: DEXIT7
R    ENTER TRACE DATA SYSTEM FUNCTION
A  GO TO 10A, PAGE 2

    (VIEW FUNCTION MANUAL INTERVENTION)
VA  ENTER: DVIEW7
R    (Display Of Records Found In Last Search)
A  ENTER: D OMIT7 OR DEXIT7
R    ENTER TRACE DATA SYSTEM FUNCTION
A  GO TO 10A, PAGE 2
    
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LIST

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LA  ENTER: DLIST7
R    (Display Of Records Found In Last Search)
R    END OF LISTING
R    ENTER TRACE DATA SYSTEM FUNCTION
A  GO TO 10A, PAGE 2

    (LIST FUNCTION MANUAL INTERVENTION)
LA  ENTER: DLIST7
R    (Display Of Records Found In Last Search)
A  DEPRESS: MESSAGE WAITING
R    *OUTPUT INTERRUPT
A  ENTER: D@x 07 (ALPHA)
R  D
A  DEPRESS: TRANSMIT
R    FIND SUMMARY = XXXXXX
A  GO TO 10A, PAGE 2
    
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VIEW-DIR

THE VIEW DIRECTORY (VIEW-DIR) FUNCTION ALLOWS DISPLAY OF THE WORD DIRECTORY ASSOCIATED WITH A SELECTED FILE. IT MAY ONLY BE EXECUTED WHILE IN "SEARCH" MODE, AND WHEN EXITED, CAUSES RETURN TO THE SEARCH AT THE POINT WHERE THE (VIEW-DIR) FUNCTION WAS INITIATED. THE VIEW FUNCTION DISPLAY COMMANDS (UP/N, DN/N) APPLY IN THIS FUNCTION ALSO. REFER TO TABLE OF VIEW COMMANDS.

CASSETTE OUTPUT

THE CASSETTE FUNCTION WRITES THE RECORDS SELECTED IN THE PREVIOUS SEARCH ONTO CASSETTE TAPE. THE CASSETTE OUTPUT COMMAND IS "@@TCO D, LINES" WHERE D IS CASSETTE DRIVE SELECTION (D = 1, OR D = 2) AND LINES IS THE NUMBER OF LINES PER BLOCK. LINES SHOULD BE A VALUE LESS THAN 11. IN THIS SEQUENCE IT IS SOMETIMES NECESSARY TO MANUALLY INSERT THE SOE (D) CHARACTER AS IT IS NOT ALWAYS AUTOMATICALLY RETURNED. THE TAPE MARK MUST BE WRITTEN MANUALLY BY USE OF THE (@@TCM) FUNCTION.

TERMINATION

THIS SEQUENCE PROVIDES THE ORDERLY RELEASE OF A TERMINAL FROM THE TRACE SYSTEM. IT IS EXTREMELY IMPORTANT THAT THE EXACT SEQUENCE IS FOLLOWED. AFTER ENTRY OF @FIN, IF THE ACCOUNTING SUMMARY DOES NOT APPEAR WITHIN 10 - 15 SECONDS, DEPRESS "SOE" AND "TRANSMIT" KEYS.

PLEASE RETURN THE DATA-PHONE TO VOICE MODE AND REPLACE THE HANDSET.

FAILURE TO DO SO MAY LEAVE THE LINE IN "CONNECTED" OR "BUSY" MODE PREVENTING OTHER USERS FROM TDS CONNECTION.

IF THE ACCOUNTING SUMMARY IS NOT NEEDED, THE D@FIN CAN BE OMITTED AND THE D@@TERM STATEMENT ALONE CAN BE USED.

DA ENTER: DVIEW-DIR XX7 (XX = FIRST nn...n CHARACTERS OF DESIRED WORDS. UP TO 18 CHARACTERS MAY BE USED.)
R "Selected Contents of Word Directory"
A ENTER: DEXIT7
R FIND SUMMARY = XXXXXX
A CONTINUE IN SEARCH

CASSETTE OUTPUT

CA ENTER: DCASSETTE7
R CASSETTE FUNCTION READY, PREPARE CASSETTE
R ENTER TAPE CASSETTE OUTPUT COMMAND (@@TCO D, LINES)
R KEY IN (GO) WHEN READY. AT END KEY IN @@TCM
A ENTER: D@@TCO D, LINES7
A ENTER: DGO7
R ENTER TRACE DATA SYSTEM FUNCTION
A ENTER: D@@TCM7
R @@TCM
A GO TO 10A, PAGE 2

TERMINATION

TA ENTER: D@FIN7
R END OF RUN
R (Display Of Accounting Information)
A ENTER: D@@TERM7
A REPLACE HANDSET

NOTE 2: AT ANY TIME AFTER STEP 5A, P.2, & BEFORE ENTRY OF @FIN, THE ENTRY OF "@@X TO" (ALPHAS) WILL ALLOW RE-ENTRY OF THE " @XQT TDS*DATA." STATEMENT.

TABLE 1

VIEW COMMANDS	
▷UP7	DISPLAYS THE NEXT FULL SCREEN OF DATA
▷UP/N7	DISPLAYS N LINES UP IN THE FILE
▷DN7	DISPLAYS PREVIOUS FULL SCREEN OF DATA
▷DN/N7	DISPLAYS N LINES BACKWARD IN THE FILE
▷AD7	ADVANCES TO, AND DISPLAYS NEXT RECORD
▷AD/N7	ADVANCES N RECORDS AND DISPLAYS THE RECORD
▷BK7	BACKS UP TO AND DISPLAYS PREVIOUS RECORD
▷BK/N7	BACKS UP N RECORDS AND DISPLAYS THE RECORD

AFTER ENTRY OF A VIEW CONTROL COMMAND, DEPRESSING TRANSMIT WILL EXECUTE THE COMMAND. AFTER SELECTION AND EXECUTION, DEPRESSING TRANSMIT WITHOUT SELECTING ANOTHER COMMAND WILL EXECUTE THE PREVIOUSLY SELECTED COMMAND. IF NO INITIAL COMMAND IS SELECTED, DEPRESSING TRANSMIT WILL CAUSE THE (AD) TO EXECUTE.

TABLE 2

TDS AVAILABILITY SCHEDULE (CST/CDT)*		
	BEGIN	END
MONDAY	0630	1800
TUESDAY	0630	2100
WEDNESDAY	0630	2100
THURSDAY	0630	2100
FRIDAY	0630	1800

*SUBJECT TO CHANGE. CONTACT THE TRACE OPERATOR FOR INFORMATION BY CALLING ROSEVILLE EXTENSION 3379.

MESSAGE

MEANING/ACTION REQUIRED

NON-EXISTANT FUNCTION - RE-ENTER FUNCTION
FUNCTION IS NOT AVAILABLE TO THE USER.
ENTER ANOTHER FUNCTION THAT IS AVAILABLE.

FILE NAME NOT AVAILABLE
THE AREA NAME IS NOT AVAILABLE TO USER.
ENTER PROPER FUNCTION AND AREA NAME.

DATABASE NOT AVAILABLE - RETRY LATER
DATABASE IS UNAVAILABLE FOR USERS TO ACCESS.
TERMINATE TERMINAL AND RETRY LATER.

FILE ERROR
THE FILE REQUESTED ON @XQT STATEMENT
COULD NOT BE ASSIGNED.
CHECK FORMAT OF @XQT STATEMENT AND
RE-ENTER. (STEP 5A)

TIME OUT WARNING
NO INPUT HAS OCCURRED ON THE LINE FOR
APPROXIMATELY 3 - 5 MINUTES. IF
ANOTHER 3 - 5 MINUTES ELAPSES WITHOUT
INPUT, THE TERMINAL WILL BE TERMINATED.
ENTER DATA OR CONTROL STATEMENT BEFORE
ANOTHER TIME INTERVAL ELAPSES.

WAIT LAST INPUT IGNORED
CONTROL HAS NOT BEEN RETURNED TO THE
USER.
WAIT FOR THE SOE (▷) TO BE RETURNED.

DATA IGNORED IN CONTROL MODE
THIS MESSAGE INDICATES THAT YOU ARE NOT
IN THE SEARCH APPLICATION.
THE USER SHOULD ENTER THE @XQT STATE-
MENT TO INITIALIZE THE SEARCH OR THE
@FIN AND @TERM TO TERMINATE ALL
ACTIVITY.

THIS IS AN "ABACUS" TEST LINE
THE LINE CANNOT BE USED FOR THE TRACE
DATA SYSTEM AT THIS TIME.
PLEASE HANG UP AND USE AN ALTERNATE
NUMBER

AREA NAME

FCO SEARCHES HEADER & DESCRIPTION FIELD
 FCO-ALL SEARCHES ALL FIELDS
 FCO-Q SEARCHES HEADER & QUICK IDENTIFIER

AREA NAME

SUR-90 SEARCHES HEADER AND PROBLEM FIELDS

HEADER PREFIXES

FCO-XXXX FOUR DIGIT FCO NUMBER, FCO=0005
 EIR-XXXXXXX EIR NUMBER, EIR=A106027
 REQ-XXXXXXXX PREREQUISITE NUMBER, REQ=A17820003
 TNNNN TYPE NUMBER, T3029
 FNNNN FEATURE NUMBER, F1782
 MNNNN MODEL NUMBER, M1920
 FS-DATE=YYMMDD FACTORY SHIP DATE, FS-DATE=760714
 CE-DATE=YYMMDD WCE SIGN OFF DATE, CE-DATE=760730

HEADER PREFIXES

BUG= REGISTER NUMBER, BUG=3897
 ACCT-NO= ACCOUNT NUMBER, ACCT-NO=53791
 DATE= REPORT DATE (YYMMDD), DATE=760714
 COMPUTER= SYSTEM TYPE, COMPUTER=90/30
 OS= EXEC NAME, OS=VS-9
 OS-REV= EXEC REVISION LEVEL, OS-REV=10
 PRIORITY= USER PRIORITY, PRIORITY=1
 COMPONENT= PROBLEM ELEMENT, COMPONENT=4506
 COMP-REV= ELEMENT REVISION LEVEL, COMP-REV=10
 BRANCH= BRANCH NUMBER, BRANCH=1330
 BR-REF= BRANCH REF. NUMBER, BR-REF=043076
 DUPE= DUPLICATE BUG REPORT NO., DUPE=4192
 STATUS= STATUS OF SUR-90, STATUS=PATCH

SUR-SOFTWARE USER REPORT

AREA NAME

SUR SEARCHES HEADER AND PROBLEM FIELDS
 SUR-P SAME AS SUR
 SUR-H SEARCHES HEADER FIELD ONLY
 SUR-C SEARCHES HEADER AND CAUSE FIELDS
 SUR-A SEARCHES HEADER AND ACTION FIELDS
 SUR-R SEARCHES HEADER AND REFERENCE FIELDS
 SUR-ALL SEARCHES ALL FIELDS

NPR-NEW PRODUCT REPORT

AREA NAME

NPR-H SEARCHES HEADER FIELD
 NPR OR NPR-A SEARCHES HEADER AND A (PROBLEM) FIELD
 NPR-B SEARCHES HEADER AND B (CAUSE) FIELD
 NPR-I SEARCHES HEADER AND I (ISOLATION)
 NPR-P SEARCHES HEADER AND P (PARTS) FIELD
 NPR-ALL SEARCHES ALL FIELDS

HEADER PREFIXES

REG= REGISTER NUMBER, REG=046889
 DATE= REPORT DATE (YYMMDD), DATE=760714
 COMPUTER= SYSTEM TYPE, COMPUTER=1110
 OS= EXEC NAME, OS=EXEC-8
 OS-REV= EXEC REV. LEVEL, OS-REV=31.244
 PRIORITY= USER PRIORITY, PRIORITY=2
 COMPONENT= PROBLEM ELEMENT, COMPONENT=COBACI
 COMP-REV= ELEMENT REVISION, COMP-REV=2.4.31
 BRANCH= BRANCH NUMBER, BRANCH=1290
 BR-REF= BRANCH REF. NO., BR-REF=123WP
 STATUS= STATUS OF SUR, STATUS=CLOSED
 CLOSED DATE (YYMMDD) I.E. 760430

HEADER PREFIXES

BR-XXXX BRANCH NUMBER, BR=2180
 TXXXXX TYPE NUMBER, T843302
 SN-XXXXXX SERIAL NUMBER, SN=000661
 DATE=YYMMDD DATE REPORTED, DATE=760903 (YYMMDD)
 RT=XX.X REPAIR TIME IN HHT, RT=00.5
 TDT=XXX.X TOTAL DOWN TIME IN HHHT, TDT=000.5
 USE=X USE CODES, USE=H
 TRV=XX.X TRAVEL TIME IN HHT, TRV=06.5
 START=XXXX START TIME IN HHHT, START=1200
 STOP=XXXX STOP TIME IN HHHT, STOP=1230
 REQ=XXXX TIME OF SERVICE REQUEST, REG=1100
 SERV=XXX SERVICE CODES (SEE BELOW)
 AC=X ACTION CODE, AC=2
 SC=XX SERVICE CODE, SC=14

TQ-TECHNICAL QUESTION FILE

TQ SEARCHES HEADER AND TEXT

HEADER PREFIXES

TQ= SERIALIZED REGISTER NUMBER, TQ=004232
 BRANCH= BRANCH NUMBER, BRANCH=1120
 MAJ-COMP= EITHER EXEC OR PROC, MAJ-COMP=EXEC
 SUB-1= COMPONENT, E.G., FURPUR, SECURE,
 SUB-1=FURPUR
 SUB-2= } FURTHER BREAKDOWN OF SUB-1. THESE
 SUB-3= } FIELDS ARE SOMEWHAT SUBJECTIVE. USE
 VIEW-DIR COMMAND.
 STATUS= EITHER OPEN OR CLOSED, STATUS=OPEN
 RECD= DATE TQ RECEIVED BY SUR COORDINATOR,
 RECD=YYMMDD

CCF-CHANGE CONTROL FORM

CCF SEARCHES ELEMENT NAME, CCF NUMBER AND DATE ONLY

DATE= RECORD DATE (DATE=YYMMDD)
 ELEMENT NAME (NO PREFIX NEEDED)
 CCF NUMBER (NO PREFIX NEEDED)

PL/I
 PL/I
 PL/I

SEARCH PATCH PSID=CFA mmm END

00024849

OS-REV=521

PL/I

DSUR-DIAGNOSTIC SOFTWARE USER REPORT

DSUR SEARCHES HEADER AND PROBLEM FIELDS

HEADER PREFIXES

DSUR= DSUR NUMBER, DSUR=001131
DATE= REPORT DATE (YYMMDD) DATE=760714
COMPUTER= SYSTEM TYPE, COMPUTER=1110
COMPUTER-FCO= FCO LEVEL, COMPUTER-FCO=HS
*STATUS= DSUR STATUS, STATUS=CLOSED
CABINET= CABINET, CABINET=
CAB-FCO= CABINET FCO LEVEL, CAB-FCO=
TS= TEST SOFTWARE, TS=CCDTS
TS-REV= TEST SOFTWARE LEVEL, TS-REV=K
MICROCODE= SYSTEM OR MICRODIAGNOSTIC
MICROCODE-REV= MICROCODE LEVEL
EMULATOR= EMULATOR SOFTWARE
COMPONENT= SOFTWARE COMPONENT, COMPONENT=CAU
OS= OPERATING SOFTWARE, OS=EXEC-8
OS-REV= OPERATING SOFTWARE REV., OS-REV=33R1A
REFER= NO. OF REFERENCES

*STATUS CODES (DSUR'S)

OPEN
INPROC
RESOLV
CLOSED

CADE-SOFTWARE USER REPORT (SUR) CADE SYSTEM

CADE SEARCHES HEADER AND PROBLEM FIELDS

HEADER PREFIXES

CADE= CADE NUMBER, CADE=44998
DATE= REPORT DATE (YYMMDD), DATE=770508
COMPUTER= SYSTEM TYPE, COMPUTER=70/70
OS= EXEC NAME, OS=VS-9
OS-REV= EXEC REV. LEVEL, OS-REV=10
PRIORITY= USER PRIORITY, PRIORITY=1
COMPONENT= PROBLEM ELEMENT, COMPONENT=4506
COMP-REV= ELEMENT REVISION, COMP-REV=A
BRANCH= BRANCH NUMBER, BRANCH=1330
BR-REF= BRANCH REF. NO., BR-REF=043077
STATUS= STATUS OF CADE SUR, STATUS=CLOSED
CLOSED DATE (YYMMDD) I.E. 770625