

Problem: Subsystem: UTILITIES In version: 2.1
 File dump utility - ERR P34 in IDS2PU20.

How to Data files with problem were sent.
 recreate:

Modules affected: IDS2PU17

Description of problem resolution:

```

IDS2PU17 LINE 1010 (COMPRESSED) - add fifth statement
IDS2PU17 LINE 1270 (COMPRESSED) - delete third statement
1010 IF F6$(17) <"↑" THEN SELECT @PART"IDS2SUBM"
      : COM D0,D1,D2,D3,D4,D5,D6,D7,D8,D9,D1$(254)1,D3$8,D2$32
      : D3$,F2$,E$=STR(E$(),2,8)
      : D2=SGN(VAL(E$(422)))+SGN(VAL(E$(425)))+SGN(VAL(E$(428)))+SGN(
      : E$(431)))+SGN(VAL(E$(434)))
      : D1=VAL(E$(413)) <new statement>
      : INIT (00)D1$()
      : FOR I=1 TO D2
      : STR(D1$(I),I,1)=STR(E$(I),419+3*I,1)
      : NEXT I
      : D2$,F0$=STR(E$(I),22,32)
1270 H=H+INT((POS(-STR(E2$(),275,128)<>20)-1)/8)+1
      : UNPACK (####)STR(E2$(),405,2) TO D0
      : REM D1=VAL(E2$(413)) <get rid of this statement>
      : D3=0
      : MAT RE DIM E2$(332)6
      : FOR I=1 TO INT((POS(-STR(E2$(),499)<>00)-1)/6)+1
      <rest of statement>

```

KT 3020

Problem: Subsystem: REPORTS In version: 2.1
Generated report program - last sector is generated without
HEX(FF) leading to ERROR D88 when program is loaded.

How to Sample report is included.
recreate.

Modules affected: IDS2PP06 IDS2PR19

Description of problem resolution:

IDS2PP06 AND IDS2PR19 LINE 2030 (COMPRESSED)
Complete fix is shown for IDS2PR19.
Same fix should be made to IDS2PP06.
Release 2.1 reads:

```
2030 IF FB$( )=HEX(20FE) THEN 2060
      : IF POS(FB$( )=FE) <244 THEN 2050
      : FB$(1)=HEX(00)
      : STR(FB$( ), POS(FB$( )=FE))=HEX(0D0000FD)
      : DATA SAVE BA T#3, (E4, E4) FB$( )
      : FB$( )=HEX(20FF)
      : GOTO 2060
```

Should read:

```
2030 IF FB$( )=HEX(20FE) THEN 2060
      : IF POS(FB$( )=FE) <240 THEN 2050 <change this statement>
      : FB$(1)=HEX(00)
      : STR(FB$( ), POS(FB$( )=FE))=HEX(0D0000FD)
      : DATA SAVE BA T#3, (E4, E4) FB$( )
      : FB$( )=HEX(20FF)
      : GOTO 2060
```

Problem: Subsystem: REPORTS In version: 2.1
Report documentation for operations - ERROR P37 in IDS2PR36
LINE 1520.

How to
recreate:

Modules affected: IDS2PR36

Description of problem resolution:

IDS2PR36

Add the following statement at LINE 1005:

```
1005 IF F6$(17)<"↑"THEN SELECT @PART"IDS2SUBM"
```

Problem: Subsystem: UTILITIES In version: 2.1
File dump utility - ERR P34

How to
recreate:

Modules affected:

Description of problem resolution:

Problem: Subsystem: PROGRAMS In version: 2.1
Compiling a program. If existing program file is too small,
system hangs in infinite loop when trying to scratch and rename
old program file. (Looping in program IDS2PP31)

How to
recreate:

Modules affected: IDS2PP31

Description of problem resolution:

IDS2PP31

IDS2PP31 ADD LINE 2060

```
2020 F3$=E9$(POS(" P R B"=STR(R3$(1),6,1)))  
: LIMITS T#4,F3$,A,B,C,D  
: Y=D  
: IF Y<>0THEN 2070  
: S=E4-E3+1  
: SAVE T#4,(S-1)F3$1000 ,1000  
: ERROR GOSUB '38(132," ")  
: F6$(11)="N"  
: GOSUB '34(250)  
: GOTO 2300
```

2060 GOTO 2020

<add this statement after LINE 2020>

Problem: Subsystem: UTILITIES In version: 2.1
Cross reference utility - IDS2PU26 does not run in 28K part.

How to
recreate:

Modules affected: IDS2PU26

Description of problem resolution:

IDS2PU26
Will be fixed in Release 2.2

Problem: Subsystem: EDITS In version: 2.1
Copy P/F -- Cannot copy #ID, #TERM, etc. to @TSTFLD's.
Illegal call to 'SS' is generated.

How to Try it.
recreate:

Modules affected:

Description of problem resolution:

Problem: Subsystem: REPORTS In version: 2.1
Report level break specs - if field specified is not in file,
documentation does not include a warning message.

How to
recreate:

Modules affected:

Description of problem resolution:

Problem: Subsystem: REPORTS In version: 2.1
 Documentation - Printing 'Printer not available...' in place
 of edit type.

How to
 recreate:

Modules affected: IDS2PR36

Description of problem resolution:

IDS2PR36

IDS2PR36 LINES 1360-1430 AND 1470 CHANGE REFERENCES TO E\$ TO F0\$
 For example, Line 1370 in Rel 2.1 reads:

```
1370 E$="set field(s)"
      : F9$="37"
      : GOTO 1660
```

It should be:

```
1370 F0$="set field(s)"
      : F9$="37"
      : GOTO 1660
```

LINE 1470 should read:

```
1470 F3$="IDS2PS"&F9$
      : CONVERT VAL(E$(78))-31 TO F9$, (##)
      : E4$()="Operation "&HEX(22)&STR(E$(),15,8)&HEX(22)&" ("&F9$&)" "
      & F0$ <change from E$ to F0$>
      : E0$()=HEX(01)
      : D6=D6+1
      <rest of statement>
```

Problem: Subsystem: EDITS In version: 2.1
Documentation for Table lookup/replace sometimes prints in
expanded print and hangs up.

How to
recreate:

Modules affected:

Description of problem resolution:

IDS2PS35

IDS2PS35 LINE 1010 AND 2110 COMPRESSED

LINE 1010 and 2110 - add statements as noted below:

1010 IF F6\$(17)<"↑"THEN SELECT @PART"IDS2SUBM"

: E\$,FO\$=" "

: F5\$=STR(E\$(),98)

: IF F5\$<>" "THEN 1030

: GOSUB '48(0,"No look-up field - use the same replace table elem
nt as last table look-up",0)

: E\$=" "

: GOSUB 3320

: E\$ = " "

<add this statement>

: GOTO 2000

2110 X=INT(L/MAX(C4,CO))

: Z=MAX(C4,CO)

: FOR J=1TO X

: E\$=STR(F\$(),J*Y-Y+1,Y)

: IF VAL(E0\$()+Y<80THEN 2140

: GOSUB 3320

: E\$=STR(F\$(),J*Y-Y+1,Y)

<add this statement>

Problem: Subsystem: BATCH DOC In version: 2.1
Batch prg. documentation misprints the field type. For example,
batch program "MODS B1" on D25 has type 1 fields which are
documented as type 0 fields.

How to
recreate:

Modules affected:

Description of problem resolution:

.....

Problem: Subsystem: UTILITIES In version: 2.1
 Installing Rel. 2.1 to new platter, in global mode.
 IDS2PUI2 crashes at LINE 1500 ERROR P53.

How to
recreate:

Modules affected:

Description of problem resolution:

```
IDS2PUI2  
IDS2PUI2 LINE 1500 add first statement:  
1500 IF F6$(17)<"↑" THEN SELECT @PART"IDS2SUBM"  
     : LIMITS T#2,"IDS2f000",A,B,B,B  
     : @E2$(2)=BIN(A,2)  
     : RETURN
```

.....

Problem: Subsystem: REPORTS In version: 2.1
Reports - fix put into Rel. 2.1 causes first line of second page
to be printed at bottom of first page, and so on throughout
report.

How to Report has lines per page = 50, 43 actual lines per page
recreate: followed by 8 line feeds after last line. (Also happens w/ 43 l/p

Modules affected: IDS2PRX4

Description of problem resolution:

IDS2PRX4

IDS2PRX4 LINE 1690 reads in Release 2.1:

1690 A=1

```
: IF C2=1 THEN UNPACK (##) STR(E$,6) TO A
: B=INT(A/10)
: A=MOD(A,10)
: STR(E0$,,,1)=BIN(LEN(E0$()))
: IF F6+B+1+A>F2 AND C2=1 AND F2>0 THEN A=MAX(0,F2-F6-B-1)
: E6$=BIN(X)
: MAT SEARCHE2$(<B,F3>)=STR(E$,5,1) TO E4$() STEP 9
: Y=0
```

Change sixth statement to:

```
IF F6+B+1+A>F2 AND C2=1 AND F2>0 THEN A=MAX(0,F2-F6-B)
(get rid of -1 at end of statement)
```

Problem number 561 Priority 3 Status 4 Date reported 21082
Reported by: Frank Carr

Problem: Subsystem: REPORTS In version:
REPORTS: Create a field which overlaps into another field,
field overlapped into disappears.

Fix: IDS2PR10 -- now checks for collision of fields.

Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Problem number 686 Priority 3 Status 4 Date reported 40982
Reported by: Frank Carr

Problem: Subsystem: START's In version:
START's: If an alternate file is added to a data file, when
START module is revised, added file is not recorded unless
primary file is revised.

Fix: IDS2PI05 will now add file appropriately.

Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Problem number 729 Priority 3 Status 4 Date reported 41682
Reported by: Peg Flood

Problem: Subsystem: UTILITIES In version:
UTILITIES: Third screen of File dump is titled "Data file Key
Dump". Should be file dump.
QA REF# 65955

Fix: IDS2sU13

Assigned to: FHC Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 760 Priority 3 Status 4 Date reported 43082
Reported by: Joel Taunton

Problem: Subsystem: DATA FILES In version:
DATA FILES: Can change a type 2 file to a type 5.

Fix: IDS2PF01 -- will now check for multi-volume files.

Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Problem number 770 Priority 3 Status 5 Date reported 50682
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS In version: X25
SCREENS: Field definition -- Define field associated with file
#1 , skip back from field name and change to #2, position will
appear relative to file #1.

Fix: IDS2PS07

Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Problem number 773 Priority 3 Status 4 Date reported 50682
Reported by: Frank Carr

Problem: Subsystem: SCREENS In version: X27
Documentation for edits crashes in IDS2PS27 ON LINE 1070 ERR P56

Fix: Add GOSUB 1530 AT beginning of LINE 1070, take out of 1090.

Assigned to: TJB Date corrected: 51282 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 788 Priority 3 Status 5 Date reported 42882
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS In version: X26
Record read option, allows user to specify copying from FILE # 3
to FILE # 1. Does not do copy.

Fix: We will not allow this in the future.

Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Problem number 810 Priority 3 Status 4 Date reported 52782
Reported by: Chuck Wilson

Problem: Subsystem: MENU DRIVER In version: 2.1
Application menus do not allow use of '31 unless explicitly
specified.

Fix: IDS2MX01

Assigned to: ELT Date corrected: 0 Version of correction: 2.1

How to
recreate:

Problem number 811 Priority 3 Status 5 Date reported 52782
Reported by: Chuck Wilson

Problem: Subsystem: MENU DRIVER In version: 2.1
Does not allow use of '31 if cancel module is not specified.

Fix:

Assigned to: ELT Date corrected: 0 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 813 Priority 2 Status 4 Date reported 51782
Reported by: Small World Enterprise

Problem: Subsystem: GLOBAL In version: X25
If a record is protected by another partition, error message
says "Record is in use by station number 10FILE." (Includes
last part of data file name.)

Fix: IDS2SUB3 LINE 760

Assigned to: TJB Date corrected: 62982 Version of correction: 2.1

How to
recreate:

Problem number 815 Priority 3 Status 4 Date reported 60182
Reported by: Frank Carr

Problem: Subsystem: EDITS In version: X25
Read a record: Set field equal to field -- does not allow
reading from alternate file(not associated) and transferring to
primary file (associated).

Fix: Fixed in Release 2.1

Assigned to: TJB Date corrected: 70182 Version of correction: 2.1

How to
recreate:

Problem number 818 Priority 3 Status 4 Date reported 60182
Reported by: Barb Keyer (NML)

Problem: Subsystem: SCREENS In version: X23
Screens no longer exclude duplicate field names.

Fix: IDS2PS07 -- Additions for 'rename edits' skipped around test for
duplicate field names.

Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 820 Priority 3 Status 4 Date reported 60582
Reported by: Chuck Wilson

Problem: Subsystem: SECURITY In version: 2.0
If three successive invalid passwords are entered in an application, program STOPS. User may then press R/LN and system will accept ID without password.

Fix: IDS2PIX5 -- don't set R4\$ to ID that was entered until password is entered.

Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Problem number 822 Priority 3 Status 4 Date reported 52682
Reported by: Barb Reyer (NML)

Problem: Subsystem: SCREENS In version: X23
Extra screen utilities -- "Delete screen" option does not rename screen, only scratches.

Fix:

Assigned to: TJB Date corrected: 0 Version of correction: 2.1

How to
recreate:

Problem number 824 Priority 3 Status 5 Date reported 60682
Reported by: Chuck Wilson

Problem: Subsystem: EDITS In version: 2.0
@TSTFLD's are allowed in Math calculations for batch programs.

Fix: IDS2PS20 LINES 1121, 1140

Assigned to: TJB Date corrected: 62882 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 825 Priority 3 Status 4 Date reported 62282
Reported by: NML (via ART)

Problem: Subsystem: EDITS In version: 2.0
If a user exit has been created but no longer exists on system
platter, PS22 displays error message, then crashes at @8 with
F=0.

Fix: IDS2PS22 LINE 1141 ADD AFTER '35 : F=13

Assigned to: ART Date corrected: 62282 Version of correction: 2.1

How to
recreate:

Problem number 826 Priority 3 Status 5 Date reported 62282
Reported by: Small World Enterprise

Problem: Subsystem: DATA FILES In version: 2.0
Type 5 fields, right justify does not document correctly.

Fix:
Assigned to: TJB Date corrected: 62282 Version of correction: 2.1

How to
recreate:

Problem number 828 Priority 3 Status 4 Date reported 60782
Reported by: Frank Carr

Problem: Subsystem: REPORTS In version: 2.0
When editing report mask, if you cancel, mask lines are stored
as changed, but fields are not.

Fix: IDS2PROB - Can no longer cancel from mask.

Assigned to: TJB Date corrected: 62282 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 830 Priority 3 Status 4 Date reported 62382
Reported by: Alan Tschetter

Problem: Subsystem: UTILITIES In version: 2.0
File dump utility - ERR P57 in IDS2PU20 at LINE 1690.

Fix: IDS2PU20 - LINE 1690 change second statement to:
ROTATEC(STR(E4\$(),P),2)

Assigned to: FHC Date corrected: 62382 Version of correction: 2.1

How to
recreate:

Problem number 831 Priority 2 Status 4 Date reported 62982
Reported by: Frank Carr (Colgate)

Problem: Subsystem: REPORTS In version: 2.0
IDS2PRX3 crashes with ERR A04 because of repeated calls to
DEFFN '71 w/o RETURN statements. Caused by repeated independent
record reads durin report operations.

Fix: IDS2PRX3 -- fixes are listed on bug report.

Assigned to: FHC Date corrected: 62982 Version of correction: 2.1

How to
recreate:

Problem number 832 Priority 3 Status 5 Date reported 62882
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Documentation for field type - Type 1 fields are shown as type 2

Fix: IDS2PR32 LINE 1560

Assigned to: TJB Date corrected: 62982 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Ubsolute

Problem number 835 Priority 3 Status 5 Date reported 70282
Reported by: Harvey Dobbs

Problem: Subsystem: SCREENS In version: 2.0
Screens allow duplicate field names.

Fix:

Assigned to: TJB Date corrected: 0 Version of correction: 2.1

How to
recreate:

Problem number 837 Priority 3 Status 4 Date reported 70282
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
Report using alternate file prints records out of order.
(File is probably messed up.)
(File was converted from an IDEAS1 data file.)

Fix: IDS2PRX3 LINE 1725.
See bug number 848 for complete fix.

Assigned to: TJB Date corrected: 71382 Version of correction: 2.1

How to
recreate:

Problem number 838 Priority 3 Status 4 Date reported 70682
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
When running a report, F\$() is re-dimensioned in IDS2PRX4 at
LINE 1635. May sometimes crash in subroutines at @556 if not
re-dimensioned to correct length.

Fix: At beginning of LINE 1945 in IDS2PRX4 ADD MAT REDIM F\$(F9)1:etc.

Assigned to: ELI Date corrected: 70682 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 840 Priority 2 Status 4 Date reported 70682
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
ERROR A04 in IDS2PRX3 - DEFFN'71 is called without RETURNS.

Fix: IDS2PRX3 LINES 1580 - 1616 CHANGED.

Assigned to: FHC Date corrected: 70182 Version of correction: 2.1

How to
recreate:

Problem number 841 Priority 3 Status 4 Date reported 70682
Reported by: Harvey Dobbs

Problem: Subsystem: BATCH In version: 2.0
Branch to an operation in reports and batch branches to wrong
operation - one too many.

Fix: IDS2PP19 LINES 3050,3060 AND 3090.

Assigned to: TJB Date corrected: 70682 Version of correction: 2.1

How to
recreate:

Problem number 845 Priority 3 Status 4 Date reported 70882
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS In version: 2.0
If screen is compressed, when it is revised, it may over-write
next file.

Fix: IDS2PS04 - LINE 1830 REM OUT DATA SAVE DA STATEMENTS (ALL THREE)

Assigned to: TJB Date corrected: 81182 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 846 Priority 3 Status 4 Date reported 71282
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
System flag 1 is not set until after first record is read.
Operation conditional on this flag are not performed.

Fix: IDS2PRX3 and IDS2PBX6 - LINE 1472 ADD F6\$(2)="Y"

Assigned to: TJB Date corrected: 71382 Version of correction: 2.1

How to
recreate:

Problem number 848 Priority 2 Status 4 Date reported 71482
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
If sort work file uses more than one block of keys, report
prints all records, then re-prints records from second bucket
in sort work file.

Fix: IDS2PBX4 LINE 1725 (compressed). After IF F7+8>=... statement,
ADD :ELSE STR(E3\$(),1992)=STR(E2\$(),1992). Also MAT SEARCH D\$(),>=STR(E3

Assigned to: TJB Date corrected: 71682 Version of correction: 2.1

How to
recreate:

Problem number 849 Priority 3 Status 5 Date reported 71682
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
If no disks are available when creating a sort work file,
HEX(FF)'s appear in field for disk address, and system beeps
continuously.

Fix: IDS2PBX2 has been changed to check disk several times, and print
an error message if no disks are available.

Assigned to: TJB Date corrected: 81182 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 851 Priority 3 Status 4 Date reported 71682
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
When printing report, Crashes in IDS2PRX4 with ERROR P34 at
LINE @497. H is a six digit number.
(NOTE: Specifying sort criteria using 3 key specs)

Fix: IDS2PBX4 - LINE 1034 First statement:
F5\$=STR(E\$()),1486,VAL(STR...) should be F5\$=STR(E\$()),1486,5).
Assigned to: TJB Date corrected: 80982 Version of correction: 2.1

How to
recreate:

Problem number 852 Priority 3 Status 4 Date reported 71682
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
Same report as in BUG #851, if four sort keys are specified,
report prints 18 blank records.

Fix: IDS2PBX4 - same as bug #851

Assigned to: TJB Date corrected: 80982 Version of correction: 2.1

How to
recreate:

Problem number 854 Priority 3 Status 5 Date reported 80982
Reported by: Tracy Brown

Problem: Subsystem: PROGRAMS In version: 2.0
In 'Read a record' copy field to field or P/F I copy field to
field, generated subroutine allows max. of 256 bytes for copy.

Fix: IDS2PP27 LINES 2130-2140 for 'Read a record'
IDS2PP15 LINES 1038-1070 for 'Copy' P/F.
Assigned to: TJB Date corrected: 81382 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 855 Priority 3 Status 4 Date reported 72782
Reported by: John Kelly

Problem: Subsystem: REPORTS In version: 2.0
A report sorts correctly on vendor # (the key) or zip code,
but not both.

Fix: Same as bug #851 -- fix is in IDS2PBX4 LINE 1034.

Assigned to: TJB Date corrected: 80982 Version of correction: 2.1

How to
recreate:

Problem number 860 Priority 3 Status 4 Date reported 80482
Reported by: Tracy Brown

Problem: Subsystem: REPORTS In version: 2.0
Archiving of reports does not copy all lines of mask out to
archived file.

Fix: IDS2PRS2 AND IDS2PRS3 - LINE 1227 -
SET O=MAX(1, ...)

Assigned to: TJB Date corrected: 80582 Version of correction: 2.1

How to
recreate:

Problem number 861 Priority 3 Status 4 Date reported 80182
Reported by: Greg Furnquist (CSS)

Problem: Subsystem: UTILITIES In version: 2.0
Crashing in record dump utility at LINE 1680 with ERR P57

Fix: Same as bug #830. See fix there

Assigned to: FHC Date corrected: 62382 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 862 Priority 3 Status 4 Date reported 80982
Reported by: Greg Turnquist (CSS)

Problem: Subsystem: REPORTS In version: 2.0
Customer has a report which prints 1600 records; first 16 are
out of sequence, rest seem to be OK.

Fix: Probably fixed with all our sort fixes

Assigned to: TJB Date corrected: 80182 Version of correction: 2.1

How to
recreate:

Problem number 863 Priority 3 Status 4 Date reported 80982
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Indirect copy in reports does not work.

Fix: 1) Add LINE 2015 TO IDS2PP15(SOURCE)
2) Add to LINE 409 in IDS2SUB1 at start of line - Q=0:

Assigned to: TJB Date corrected: 81082 Version of correction: 2.1

How to
recreate:

Problem number 867 Priority 2 Status 5 Date reported 81682
Reported by: Harvey Dobbs (via CSS)

Problem: Subsystem: REPORTS In version: 2.0
Crashing at 497 with invalid pointers.
Occurs if SORT key contains type 7 field following a type 4
field.

Fix: IDS2PBX2 - LINE 1230 (SOURCE) or 1195 (COMPRESSED)
IF C3>0 THEN T=4 should be IF C3>0 AND T<4 THEN T=4

Assigned to: TJB Date corrected: 81682 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 868 Priority 2 Status 5 Date reported 81582
Reported by: CSS

Problem: Subsystem: SCREENS In version: 2.0
If screen has been compressed, and then is revised so that
output file requires more room, file which follows old screen
file is overwritten.

Fix: IDS2PS04 LINES 1840-1860 (SOURCE), LINE 1830 (COMPRESSED)
ELIMINATE ALL THREE DATA SAVE DA STATEMENTS.

Assigned to: ELI Date corrected: 81682 Version of correction: 2.1

How to
recreate:

Problem number 872 Priority 3 Status 4 Date reported 82382
Reported by: ART Super Software, Inc

Problem: Subsystem: REPORTS In version: 2.1
IDS2PRX0 - "Printer not avail., press EXEC to continue". Pressed
EXEC and crashed with an S17 ERROR at LINE 1160 (SOURCE)

Fix: IDS2PRX0 - LINE 1220 (SOURCE) 2nd statement should be:
:ELSE STR(E\$(),I*3+1701,18,I*3)=STR(E\$(),I*3+1704,15-I*3)
Assigned to: IJB Date corrected: 82382 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

MEMORANDUM TO: DISTRIBUTION

FROM: IDEAS2 DEVELOPMENT GROUP

DATE: AUGUST 16, 1982

SUBJECT: FIXES FOR KNOWN REPORT BUGS IN IDEAS RELEASE 2.0

A number of bugs in report and batch program execution have been brought to our attention and fixed within the last month. This memo attempts to list the most important bugs, and their resolution.

The following bugs are addressed in this document:

- 1) System error A04 (stack overflow) is sometimes encountered if user has specified record reads within operations.
- 2) When specifying sort work file, system sometimes hangs in loop after printing error message telling user that sort file is not big enough.
- 3) Reports sometimes re-print duplicate records at end (after all valid records have been printed.)
- 4) Error 198 or D88 may be encountered if the sort key length times the number of buckets in the sort work file is greater than 256 bytes.
- 5) Indirect copies do not work in reports and batch programs.
- 6) Error F34 or 198 may be encountered if sequence file sort order is a subset of specified sort for report. (e.g. - Sequence file is based on keys A and B, report is sorted on A,B,E,F and G.)
- 7) Read a record operations may crash on references to F\$() because F\$() is incorrectly dimensioned.

PROBLEM #1

SYMPTOM: System error A04 (stack overflow) is sometimes encountered if user has specified record reads within operations.

FIX: The following change needs to be made to IDSPRX3, IDSPRX4, and IDSPRX6.
(see complete listings of all changes at end of memo.)

For IDSPRX3:
Release 2.0 reads:

```
1580 DEFFN '71
      :FOR I = 1 TO FO
      :CONVERT STR(E#()), ...
      :ERROR F(1)=0
1600 NEXT I
      :GOTO 1680
```

This should be changed to:

```
1580 GOSUB '71
      :GOTO 1680
```

```
1592 DEFFN '71
      :FOR I = 1 TO FO
      :CONVERT STR(E#()), ...
      :ERROR F(1)=0
1600 NEXT I
      :RETURN
```

Similar changes should be made to IDSPRX4 and IDSPRX7 as noted in the accompanying listings.

PROBLEM #2

SYMPTOM: When specifying sort work file, system sometimes hangs in loop after printing error message telling user that sort file is not big enough.

FIX: This problem is caused by contention for the various disk platters. For a complete solution, make the noted changes in module IDSPPBX2, LINES 1090-1122, 1440-1457, and 1550. IDEAS will now test each disk device several times for availability. If no disks are available, a message will be displayed, and the operator can cancel.

PROBLEM #3

SYMPTOM: Reports sometimes re-print duplicate records at end (after all valid records have been printed.)

FIX: This is caused because IDEAS is not correctly setting the flag in each block of the sort work file which tells how many remaining blocks are in the bucket. To fix this, change module IDSPPBX4, LINE 1725 as follows:

After 6th statement on LINE 1724: -
:IF F7+8>=J9 THEN STR(E3%,1992)=HEX(00)

Add the following statement:
:ELSE STR(E3%,1992)=STR(E2%,1992)

NOTE: LINE 1725 will have to be broken into two lines to insert this statement. See the complete listing of changes to IDSPPBX4 at the end of this memo.

PROBLEM #4

SYMPTOM: Error 198 or D88 may be encountered if the sort key length times the number of buckets in the sort work file is greater than 256 bytes.

FIX: In modules IDS2PRX4 (for reports) and IDS2PBX7 (for batch programs), on LINE 1200 change the third statement from:

```
:Q=VAL(STR(F9%,2))
```

TO:

```
Q=VAL(F9%,2)
```

PROBLEM #5

SYMPTOM: Indirect copies do not work in reports and batch programs.

FIX: 1) In module IDS2PP15, change LINE 2000 as listed.

2) In module IDS2SUB1, add "Q=0:" at the beginning of LINE 409, as listed.

PROBLEM #6

SYMPTOM: Error P34 or 198 may be encountered if sequence file sort order is a subset of specified sort for report. (e.g. - Sequence file is based on keys A and B, report is sorted on A,B,E,F and G.)

FIX: In module IDS2PBX4, the first statement on LINE 1034 currently reads:

```
F5% = STR(E%(),1486,VAL(STR(E%(),151))-48)
```

Change this to:

```
F5% = STR(E%(),1486,5)
```

PROBLEM #7

SYMPTOM: Read a record operations may crash on references to F\$() because F\$() is incorrectly dimensioned.

FIX:

- 1) Add MAI REDIM statement on LINE 1645 as listed.
- 2) Change LINES 1620-1645 as listed (the main difference is that 1635 now starts with the statement MAI REDIM F\$(12X)2, etc.).
- 3) Change all references to LINE 1640 or 1645 to LINE 1635 (NOTE: 1640 is referenced in LINE 1915, and 1645 is referenced in LINES 1645(old line number) and 1825).

NOTE: The following enclosed listings are intentionally incomplete. Only lines within these modules which have been changed have been included. All other lines remain the same.

IDS2PRX3 - REL. 2.0

-1455 REM - GET FIRST RECORD IN THE WORK FILE

```
: E#=STR(D#(),C4)
: J=SGN(D5)
: T=VAL(STR(E1$(C8),12))
: IF D6=2THEN GOSUB '67(C8,E#,0)
: ELSE GOSUB '59(C8,J,E#,0)
: X=5
: GOSUB '79
: E#(())=STR(F#(),,E0(2))
```

-1580 DEFFN'71

```
: FOR I=1TO FO
: CONVERT STR(E#(),INT(VAL(STR(E2$(I),2),2)/16),VAL(E2$(I)))TO F(I)
: ERROR F(I)=0
```

1600 NEXT I

```
: GOTO 1680
```

-1620 ON J7GOTO 1650

```
: J7,J8=1
: GOTO 1580
```

-1650 F6\$(2)="Y"

```
: E#="IDS2PRX4IDS2PX"
: CONVERT ROTO STR(E#,15), (##)
: LOAD T#2,<2>E#1000,1994
```

1660 DEFFN'68

```
: F(F)=A
: RETURN
```

1661 GOTO 1530

```
: GOTO 1990
```

```
-1455 REM - GET FIRST RECORD IN THE WORK FILE
: E$=STR(D$( ),C4)
: J=SGN(D5)
: T=VAL(STR(E1$(C8),12))
: F6$(2)="Y"
: IF D6=2 THEN GOSUB '67(C8,E$,0)
: ELSE GOSUB '59(C8,J,E$,0)
: X=5
: GOSUB '79
: E$( )=STR(F$( ),,E0(2))
-1580 GOSUB '71
: GOTO 1680

1592 DEFFN'71
: FOR I=1 TO FO
: CONVERT STR(E$( ),INT(VAL(STR(E2$(I),2),2)/16),VAL(E2$(I))) TO F(I)
: ERROR F(I)=0
1610 NEXT I
: RETURN

-1620 ON J7 GOTO 1650
: J7,J8=1
: GOTO 1580

-1650 F6$(2)="Y"
: E$="IDS2PRX4IDS2PX"
: CONVERT ROTD STR(E$,15), (##)
: LOAD T#2, <2>E$1000,1994

1660 DEFFN'68
: F(F)=A
: RETURN

1661 GOTO 1530
: GOTO 1990

1670 %
```

IDS2PRX4 - REL. 2.0

```
-1200 D$( )=STR(D$( ),C7+1)&ALL(FF)
      : MAT SEARCHD$( ),>=STR(E4$( ),,C7)TO F9$STEP C7
      : Q=VAL(STR(F9$,2))
      : MAT COPY -D$( )<Q,C9-Q>TO -D$( )<Q+C7,C9-Q>
      : STR(D$( ),Q,C7)=E4$( )
      : MAT REDIM F$(E9)1
      : E$=ALL(FF)
      : IF STR(D$( ),,C6-1)<STR(E$,,C6-1)THEN 1320
      : F6$(2)="N"
      : JB=12
      : GOTO 1540
```

```
-1620 DEFFN'76(D$)
      : FO$=HEX(400A)
      : STR(FO$,3,40)=STR(FO$,,40)
      : STR(FO$,19,4)=HEX(A000400D)
      : Z=0
      : MAT REDIM F$(128)2,E4$(128)2
```

```
-1640 MAT SEARCHC1$( ),=D$TO F$( )STEP 9
```

```
-1645 Z=Z+1
      : IF F$(Z)=HEX(0000)THEN 1945
      : X=INT(VAL(F$(Z),2)/9)+1
      : E$=C1$(X)
      : IF STR(E$,3,1)>" "AND STR(E$,4,1)<>F6$(VAL(STR(E$,3))-47)THEN 1645
      : IF STR(E$,7,1)=HEX(FF)THEN E0$( )=" "&STR(E2$( ),VAL(STR(E$,8),2),F5)
      : IF STR(E$,7,1)=HEX(FF)THEN 1690
      : DATA LOAD BA T#F4,(VAL(STR(E$,8),2))E4$( )
      : E0$( )=" "&STR(E4$( ),VAL(STR(E$,7)),F5)
      : AND (E0$( ),7F)
```

```
-1818 IF VAL(E6$)=31THEN 1590
      : GOTO 1825
```

```
-1825 REM IF C2=0THEN PRINT HEX(OA)
      : IF D$="FP"OR F6+B<F2OR F2=0THEN 1645
      : D1$=STR(D$,,2)&BIN(Z)
```

```
-1915 J6=0
      : IF D1$=" "THEN 1945
      : D$=D1$
      : Z=VAL(STR(D1$,3))
      : J9=99
      : GOTO 1640
```

```
1940 GOTO 1645
```

```
-1945 ON J6GOTO 1865,1915
      : RETURN
```

```
-1962 PRINT AT(23,0);"Touch EXECUTE to continue"
      : KEYIN E6$
      : IF E6$=HEX(0D)OR E6$=HEX(82)THEN 1970
      : IF E6$=HEX(1F)THEN 1590
      : PRINT HEX(07);
      : GOTO 1962
```

```

-1200 D$( )=STR(D$( ),C7+1)&ALL(FF)
      : MAT SEARCHD$( ),>=STR(E4$( ),,C7)TO F9$STEP C7
      : Q=VAL(F9$,2)
      : MAT COPY -D$( )<Q,C9-Q>TO -D$( )<Q+C7,C9-Q> CHANGE
      : STR(D$( ),Q,C7)=E4$( )
      : MAT REDIM F$(E9)1
      : E$=ALL(FF)
      : IF STR(D$( ),,C6-1)<STR(E$,,C6-1)THEN 1320
      : F6$(2)="N"
      : J8=12
      : GOTO 1540

-1620 DEFFN'76(D$)
      : F0$=HEX(400A)
      : STR(F0$,3,40)=STR(F0$,,40)
      : STR(F0$,19,4)=HEX(A000400D)
      : Z=0
-1635 MAT REDIM F$(128)2,E4$(128)2 ← FORMERLY AT END OF 1620
      : MAT SEARCHC1$( ),=D$TO F$( )STEP 9
      : Z=Z+1
      : IF F$(Z)=HEX(0000)THEN 1945
      : X=INT(VAL(F$(Z),2)/9)+1
      : E$=C1$(X)
      : IF STR(E$,3,1)>" "AND STR(E$,4,1)<>F6$(VAL(STR(E$,3))-47)THEN 1635
      : IF STR(E$,7,1)=HEX(FF)THEN E0$( )=" "&STR(E2$( ),VAL(STR(E$,8),2),F5)
      : IF STR(E$,7,1)=HEX(FF)THEN 1690
      : DATA LOAD BA T#F4,(VAL(STR(E$,8),2))E4$( )
1680 E0$( )=" "&STR(E4$( ),VAL(STR(E$,7)),F5)
      : AND (E0$( ),7F)
-1818 IF VAL(E6$)=31AND F6$(11)="Y"THEN 1590
      : GOTO 1825

-1825 REM IF C2=0THEN PRINT HEX(OA)
      : IF D$="FP"OR F6+B<F2OR F2=0THEN 1635
      : D1$=STR(D$,,2)&BIN(Z)
-1915 J6=0
      : IF D1$=" "THEN 1945
      : D$=D1$
      : Z=VAL(STR(D1$,3))
      : J9=99
      : GOTO 1635

-1945 MAT REDIM F$(E9)1
      : ON J6GOTO 1865,1915
      : RETURN

-1962 PRINT AT(23,0);"Touch EXECUTE to continue"
      : KEY.IN E6$
      : IF E6$=HEX(0D)OR E6$=HEX(82)THEN 1970
      : IF E6$=HEX(1F)AND F6$(11)="Y"THEN 1590
      : PRINT HEX(07);
      : GOTO 1962

```

```

1005 IF F6$(17)<"↑"THEN SELECT @PART"IDS2SUBM"
: DIM C1$(14)7
: C1$()=ALL(FF)
: UNPACK(#####)STR(E$(),1729,12)TO C0,C1,C5
: GOSUB '39(STR(F4$,4),4)
: DATA LOAD BA T#P,(A+2)STR(F$(),,256)
: E0$()=STR(F$(),95,42)
: MAT REDIM E0$(14)3,E3$(14)2,F$(14)2
: MAT SORT E0$()TO F$(14),E3$()
: MAT REDIM F$(14)8
: MAT MOVE E0$(),E3$()TO F$()
1060 MAT REDIM F$(E9)1,E0$(249)1,E3$(24)83
: STR(F$(),113)=" "
: CONVERT ROTO F9$,(##)
: F5$="@SORT"&F9$&"@"
: I=1
-1090 MAT SEARCHF$(),=STR(F$(),I,3)TO F9$STEP 8
: IF VAL(F9$,2)<IAND F9$>HEX(0000)THEN 1085
: MAT SEARCH E0$(),=STR(F$(),I,3)TO F9$STEP 3
: D=(VAL(F9$,2)+5)/3
: $OPEN 1120,#D
: ERROR GOTO 1120
1105 $CLOSE #D
: $GID#D,(0101020112124400,D2$)
: ERROR GOTO 1120
1115 IF STR(D2$,8,1)<>HEX(10)THEN 1125
: STR(F$(),I+3,5)="(off)"
: GOTO 1150

-1120 STR(F$(),I+3,5)="(off)"
: GOTO 1150

-1440 MAT SEARCHF$(<4>,=STR(E$,,3)TO F9$STEP 7
: IF F9$>HEX(0000)THEN 1540
: IF J0=0THEN GOSUB 1470
: GOSUB '35("Invalid disk address. Please choose only from those listed.")
: GOTO 1590

-1550 IF J0=0THEN GOSUB 1470
: IF F$(VAL(F9$,2))="2"THEN GOSUB '55(4,0)
: ELSE GOSUB '55(4,Y)
: IF F$(VAL(F9$,2))="2"THEN STR(E2$(4),5,1)=OR HEX(01)
: ELSE STR(E2$(4),5,1)=AND HEX(FE)
: PRINT AT(R,C+LEN(E$));HEX(OF);" are allocated."
: C9=Q
: IF Q>0THEN 1600
: F=3

```

IDS2PBX2 - REL. 2.1

```

1005 IF F6$(17)<"↑"THEN SELECT @PART"IDS2SUBM"
-1010 DIM C1$(14)7
      : C1$()=ALL(FF)
      : UNPACK(#####)STR(E$(),1729,12)TO C0,C1,C5
      : GOSUB '39(STR(F4$,4),4)
      : DATA LOAD BA T#P,(A+2)STR(F$(),,256)
      : E0$()=STR(F$(),95,42)
      : MAT REDIM E0$(14)3,E3$(14)2,F$(14)2
      : MAT SORT E0$()TO F$(),E3$()
      : MAT REDIM F$(14)8
      : MAT MOVE E0$(),E3$()TO F$()
      : MAT REDIM F$(E9)1,E0$(249)1,E3$(24)83
      : STR(F$(),113)=" "
1070 CONVERT ROTO F9$(##)
      : F5$="@SORT"&F9$&"@"
      : I=1
-1090 MAT SEARCHF$(),=STR(F$(),I,3)TO F9$STEP 8
      : IF VAL(F9$,2)<IAND F9$>HEX(0000)THEN 1085
      : MAT SEARCH E0$(),=STR(F$(),I,3)TO F9$STEP 3
      : D=(VAL(F9$,2)+5)/3
      : J5=0
      : IF D=2THEN 1110
-1100 $OPEN 1120,#D
      : ERROR GOTO 1122
1105 $CLOSE #D
-1110 $GIO#D,(0101020112124400,D2$)
      : ERROR GOTO 1122
1115 IF STR(D2$,8,1)<>HEX(10)THEN 1125
      : STR(F$(),I+3,5)="(off)"
      : GOTO 1150
-1120 J5=J5+1
      : IF J5<20THEN 1100
-1122 STR(F$(),I+3,5)="(off)"
      : GOTO 1150
-1440 MAT SEARCHF$(<4>),=STR(E$,,3)TO F9$STEP 7
      : IF F9$>HEX(0000)AND STR(E$,,3)<HEX(FFFFFF)THEN 1540
      : IF J0=0THEN GOSUB 1470
      : GOSUB '43(2)
      : IF STR(E$,,3)<HEX(FFFFFF)THEN 1457
-1456 GOSUB '35("No disks are available. EXEC to re-try, FN '31 to cancel")
      : F6$(11)="N"
      : GOSUB '34(250)
      : IF Q=32THEN 1010
      : IF Q<>31THEN 1456
      : COM CLEARF()
      : GOSUB '40(R3$(1))
-1457 GOSUB '35("Invalid disk address. Please choose only from those listed.")
      : F=1
      : GOTO 1590
-1550 IF J0=0THEN GOSUB 1470
      : IF F$(VAL(F9$,2))="2"THEN GOSUB '55(4,0)
      : ELSE IF F$(VAL(F9$,2))="1"THEN GOSUB '55(4,Y)
      : IF F$(VAL(F9$,2))="2"THEN STR(E2$(4),5,1)=OR HEX(01)
      : ELSE IF F$(VAL(F9$,2))="1"THEN STR(E2$(4),5,1)=AND HEX(FE)
      : PRINT AT(R,C+LEN(E$));HEX(OF);" are allocated."
      : C9=Q
      : IF Q>0THEN 1600
      : F=3

```

```
1034 F5#=STR(E#(),1486,VAL(STR(E#(),151))-48)
: E#="ABCDE"
: IF F5#=STR(E#,,LEN(F5#))THEN J0,J3=1
: ELSE J0,J3=0
-1725 MAT REDIM E2$(J8)D3,E$(J8)2,E3$(J8)2
: MAT SORT E2$() TO E3$(),E#()
: MAT REDIM E3$(J8)D3
: MAT MOVE E2$(),E#() TO E3$()
: MAT REDIM E$(E8)1,E2$(250)9,E3$(24)83
: IF F7+8>=J9THEN STR(E3$(),1992)=HEX(00)
: DATA SAVE DA T#D6,(F7,F7)E3$()
: IF VAL(STR(E2$(),1992))<D9THEN 1785
: MAT SEARCHD$(),>=STR(E2$(),,D3) TO F9$STEP J6
: F5=VAL(F9$,2)
1775 MAT COPY -D$(<F5,J7-F5> TO -D$(<F5+J6,J7-F5>
: STR(D$(),F5,J6)=STR(E3$(),,D3)&BIN(F7-8,2)&BIN(D3+1,2)
```

1034 F5#=STR(E#(),1486,5)

CHANGE

: E#="ABCDE"

: IF F5#=STR(E#,,LEN(F5#))THEN J0,J3=1

: ELSE J0,J3=0

-1725 MAT REDIM E2#(J8)D3,E#(J8)2,E3#(J8)2

: MAT SORT E2#() TO E3#(),E#()

: MAT REDIM E3#(J8)D3

: MAT MOVE E2#(),E#() TO E3#()

: MAT REDIM E#(E8)1,E2#(250)9,E3#(24)83

: IF F7+8>=J9THEN STR(E3#(),1992)=HEX(00)

: ELSE STR(E3#(),1992)=STR(E2#(),1992)

ADD

: DATA SAVE DA T#D6,(F7,F7)E3#()

: IF VAL(STR(E2#(),1992))<D9THEN 1785

: MAT SEARCHD#(),>=STR(E3#(),,D3) TO F9#STEP J6

CHANGE

1770 F5=VAL(F9#,2)

: MAT COPY -D#(<F5,J7-F5> TO -D#(<F5+J6,J7-F5>

: STR(D#(),F5,J6)=STR(E3#(),,D3)&BIN(F7-8,2)&BIN(D3+1,2)


```
-1450 E#=STR(D#(),C4)
      : J=SGN(D5)
      : T=VAL(STR(E1#(C8),12))
      : IF D6=2THEN GOSUB '67(C8,E#,0)
      : ELSE GOSUB '59(C8,J,E#,0)
      : X=5
      : GOSUB '79
      : E#()=STR(F#(),,E0(2))
-1590 E4=0
      : IF E0>0THEN GOSUB '55(E0,E4)
      : IF E1>0THEN GOSUB '45(E1,STR(R2#,,2))
      : IF E2>0THEN GOSUB '45(E2,STR(R2#,3,2))
      : IF E3>0THEN GOSUB '45(E3,STR(R2#,5,2))
      : J7,J8=12

-1640 FOR I=1TO F0
1650 DEFFN'71
      : CONVERT STR(E#(),INT(VAL(STR(E2#(I),2),2)/16),VAL(E2#(I)))TO F(I)
      : ERROR F(I)=0
1660 NEXT I
      : GOTO 1740

-1680 ON J7GOTO 1710
      : J7,J8=1
      : GOTO 1640
```

```

-1450 E#=STR(D#(),C4)
      : J=SGN(D5)
      : T=VAL(STR(E1#(C8),12))
      : F6$(2)="Y"
      : IF D6=2THEN GOSUB '67(C8,E#,0)
      : ELSE GOSUB '59(C8,J,E#,0)
      : X=5
      : GOSUB '79
      : E#()=STR(F#(),,E0(2))

```

```

-1590 E4=0
      : IF E0>0THEN GOSUB '55(E0,E4)
      : IF E1>0THEN GOSUB '45(E1,STR(R2#,,2))
      : IF E2>0THEN GOSUB '45(E2,STR(R2#,3,2))
      : IF E3>0THEN GOSUB '45(E3,STR(R2#,5,2))
      : J7,J8=12
      : GOSUB 1650
      : GOTO 1740

```

```

-1650 DEFFN'71
      : FOR I=1TO FO
      : CONVERT STR(E#(),INT(VAL(STR(E2#(I),2),2)/16),VAL(E2#(I)))TO F(I)
      : ERROR F(I)=0
1660 NEXT I
      : RETURN

```

```

-1680 ON J7GOTO 1710
      : J7,J8=1
      : GOSUB 1650
      : GOTO 1740

```

CHANGE

CHANGE

```
-1200 D$()=STR(D$(),C7+1)&ALL(FF)
: MAT SEARCHD$(),>=STR(E4$(),,C7)TO F9$STEP C7
: Q=VAL(STR(F9$,2))
: MAT COPY -D$(<Q,C9-Q>TO -D$(<Q+C7,C9-Q>
: STR(D$(),Q,C7)=E4$()
: MAT REDIM F$(E9)1
: E$=ALL(FF)
: IF STR(D$(),,C6-1)<STR(E$,,C6-1)THEN 1320
: F6$(2)="N"
: J8=12
: GOTO 1540
```

```
-1200 D$( )=STR(D$( ),C7+1)&ALL(FF)
: MAT SEARCHD$( ),>=STR(E4$( ),,C7) TO F9$STEP C7
: Q=VAL(F9$,2)
: MAT COPY -D$( )<Q,C9-Q>TO -D$( )<Q+C7,C9-Q>
: STR(D$( ),Q,C7)=E4$( )
: MAT REDIM F$(E9)1
: E$=ALL(FF)
: IF STR(D$( ),,C6-1)<STR(E$,,C6-1) THEN 1320
: F6$(2)="N"
: J8=12
: GOTO 1540
```

CHANGE

IDS2PP15 - REL. 2.0

```
-2000 E4$()=E4$()&HEX(9A)&"'43("&J5$&HEX(29BA)&"F5$=E$"&HEX(BA)
: E4$()=E4$()&HEX(9A)&"'43("&E8$&HEX(29BA)
: E4$()=E4$()&HEX(9A)&"'65(F5$,E4$())"&HEX(BA)
: E0$()="Copy indirect using "&HEX(22)&F1$&HEX(22)&" and "&HEX(22)&F2$&HEX(2
2)
```

IDS2PP15 - REL. 2.1

```
-2000 E4$()=E4$()&HEX(9A)&"'43("&J5$&HEX(29BA)&"F5$=E$"&HEX(BA)
: E4$()=E4$()&HEX(9A)&"'43("&E8$&HEX(29BA)
: IF POS("RB"=STR(R3$(1),6,1))>0 THEN E4$()=E4$()&"E0$=E9$(1)"&HEX(8BE1)&"(20
)"&HEX(BA)
: E4$()=E4$()&HEX(9A)&"'65(F5$,E4$())"&HEX(BA)
2030 E0$()="Copy indirect using "&HEX(22)&F1$&HEX(22)&" and "&HEX(22)&F2$&HEX(2
2)
```

ADD

IDS2SUB1 - REL. 2.0 LINE 409

```
-0409 W=MIN(8,M)*3
: GOSUB 969
: A=N
: ON QGOTO 409
```

IDS2SUB1 - REL. 2.1 LINE 409

```
-0409 Q=0 ADD
: W=MIN(8,M)*3
: GOSUB 969
: A=N
: ON QGOTO 409
```

Problem number 686 Priority 3 Status 4 Date reported 40982
Reported by: Frank Carr

Problem: Subsystem: START's In version:
START's: If an alternate file is added to a data file, when
START module is revised, added file is not recorded unless
primary file is revised.

Fix: IDSEPI05 will now add file appropriately.

Assigned to: IJB Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Problem number 729 Priority 3 Status 4 Date reported 41682
Reported by: Peg Flood

Problem: Subsystem: UTILITIES In version:
UTILITIES: Third screen of File dump is titled "Data file Key
Dump". Should be file dump.
QA REF# 65955

Fix: IDSEU13

Assigned to: FHC Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Problem number 760 Priority 3 Status 4 Date reported 43082
Reported by: Joel Taunton

Problem: Subsystem: DATA FILES In version:
DATA FILES: Can change a type 2 file to a type 5.

Fix: IDSEPF01 -- will now check for multi-volume files.

Assigned to: IJB Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 770 Priority 3 Status 5 Date reported 50682
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS In version: X25
SCREENS: Field definition -- Define field associated with file
#1, skip back from field name and change to #2, position will
appear relative to file #1.

Fix: IDS2PS07

Assigned to: IJB Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Problem number 773 Priority 3 Status 4 Date reported 50682
Reported by: Frank Carr

Problem: Subsystem: SCREENS In version: X27
Documentation for edits crashes in IDS2PS27 ON LINE 1070 ERR P56

Fix: Add GOSUB 1530 AT beginning of LINE 1070, take out of 1090.

Assigned to: IJB Date corrected: 51282 Version of correction: 2.1

How to
recreate:

Problem number 780 Priority 2 Status 4 Date reported 51382
Reported by: Jack Lamprey

Problem: Subsystem: UTILITIES In version: X26
Application install -- STOP "Cannot find system files"
Created two diskettes with utility, each diskette contains
system files, Valid system cannot be created.

Fix: Fixed in Release 2.1

Assigned to: ART Date corrected: 81582 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 788 Priority 3 Status 5 Date reported 42882
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS In version: X26
Record read option, allows user to specify copying from FILE # 3
to FILE # 1. Does not do copy.

Fix: We will not allow this in the future.

Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Problem number 810 Priority 3 Status 4 Date reported 52782
Reported by: Chuck Wilson

Problem: Subsystem: MENU DRIVER In version: 2.1
Application menus do not allow use of '31 unless explicitly
specified.

Fix: IDSEMX01

Assigned to: ELI Date corrected: 0 Version of correction: 2.1

How to
recreate:

Problem number 811 Priority 3 Status 5 Date reported 52782
Reported by: Chuck Wilson

Problem: Subsystem: MENU DRIVER In version: 2.1
Does not allow use of '31 if cancel module is not specified.

Fix:

Assigned to: ELI Date corrected: 0 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 813 Priority 2 Status 4 Date reported 51782
Reported by: Small World Enterprise

Problem: Subsystem: GLOBAL In version: X25
If a record is protected by another partition, error message
says "Record is in use by station number 10FILE." (Includes
last part of data file name.)

Fix: IDS2SUB3 LINE 760

Assigned to: TJB Date corrected: 62982 Version of correction: 2.1

How to
recreate:

Problem number 815 Priority 3 Status 4 Date reported 60182
Reported by: Frank Carr

Problem: Subsystem: EDITS In version: X25
Read a record: Set field equal to field -- does not allow
reading from alternate file(not associated) and transferring to
primary file (associated).

Fix: Fixed in Release 2.1

Assigned to: TJB Date corrected: 70182 Version of correction: 2.1

How to
recreate:

Problem number 818 Priority 3 Status 4 Date reported 60182
Reported by: Barb Reyer (NML)

Problem: Subsystem: SCREENS In version: X23
Screens no longer exclude duplicate field names.

Fix: IDS2PS07 -- Additions for 'rename edits' skipped around test for
duplicate field names.

Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 820 Priority 3 Status 4 Date reported 60582
 Reported by: Chuck Wilson

Problem: Subsystem: SECURITY In version: 2.0
 If three successive invalid passwords are entered in an application, program STOPS. User may then press RUN and system will accept ID without password.

Fix: IDS2PIX5 -- don't set R4\$ to ID that was entered until password is entered.

Assigned to: IJB Date corrected: 60482 Version of correction: 2.1

How to recreate:

Problem number 822 Priority 3 Status 4 Date reported 52682
 Reported by: Barb Reyer (NML)

Problem: Subsystem: SCREENS In version: X23
 Extra screen utilities -- "Delete screen" option does not rename screen, only scratches.

Fix:

Assigned to: IJB Date corrected: 0 Version of correction: 2.1

How to recreate:

Problem number 824 Priority 3 Status 5 Date reported 60682
 Reported by: Chuck Wilson

Problem: Subsystem: EDITS In version: 2.0
 @TSTFLD's are allowed in Math calculations for batch programs.

Fix: IDS2PS20 LINES 1121, 1140

Assigned to: IJB Date corrected: 62882 Version of correction: 2.1

How to recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 825 Priority 3 Status 4 Date reported 62282
Reported by: NML (via ART)

Problem: Subsystem: EDITS In version: 2.0
If a user exit has been created but no longer exists on system
platter, PS22 displays error message, then crashes at @8 with
F=0.

Fix: IDS2PS22 LINE 1141 ADD AFTER '35 : F=13

Assigned to: ART Date corrected: 62282 Version of correction: 2.1

How to
recreate:

Problem number 826 Priority 3 Status 5 Date reported 62282
Reported by: Small World Enterprise

Problem: Subsystem: DATA FILES In version: 2.0
Type 5 fields, right justify does not document correctly.

Fix:

Assigned to: IJB Date corrected: 62282 Version of correction: 2.1

How to
recreate:

Problem number 828 Priority 3 Status 4 Date reported 60782
Reported by: Frank Carr

Problem: Subsystem: REPORTS In version: 2.0
When editing report mask, if you cancel, mask lines are stored
as changed, but fields are not.

Fix: IDS2PRO3 - Can no longer cancel from mask.

Assigned to: IJB Date corrected: 62282 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 830 Priority 3 Status 4 Date reported 62382
Reported by: Alan Ischetter

Problem: Subsystem: UTILITIES In version: 2.0
File dump utility - ERR P57 in IDS2PU20 at LINE 1690.

Fix: IDS2PU20 - LINE 1690 change second statement to:
ROTATEC(STR(E4\$(),P),2)

Assigned to: FHC Date corrected: 62382 Version of correction: 2.1

How to
recreate:

Problem number 831 Priority 2 Status 4 Date reported 62982
Reported by: Frank Carr (Colgate)

Problem: Subsystem: REPORTS In version: 2.0
IDS2PRX3 crashes with ERR A04 because of repeated calls to
DEFFN 171 w/o RETURN statements. Caused by repeated independent
record reads durin report operations.

Fix: IDS2PRX3 -- fixes are listed on bug report.

Assigned to: FHC Date corrected: 62982 Version of correction: 2.1

How to
recreate:

Problem number 832 Priority 3 Status 5 Date reported 62882
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Documentation for field type - Type 1 fields are shown as type 2

Fix: IDS2PR32 LINE 1560

Assigned to: IJB Date corrected: 62982 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 833 Priority 3 Status 4 Date reported 62882
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Documentation for reports - Does not document spec. for level
for each operation (ie- perform only if LEVEL>=x)

Fix:

Assigned to: CRW Date corrected: 92082 Version of correction: 2.1

How to
recreate:

Problem number 835 Priority 3 Status 5 Date reported 70282
Reported by: Harvey Dobbs

Problem: Subsystem: SCREENS In version: 2.0
Screens allow duplicate field names.

Fix:

Assigned to: JOB Date corrected: 0 Version of correction: 2.1

How to
recreate:

Problem number 836 Priority 3 Status 4 Date reported 70282
Reported by: John Proulx

Problem: Subsystem: UTILITIES In version: 2.0
ERROR PS7 AT @797 in subs when running 'Convert to/from IC'.
(Files not opened correctly.)

Fix: Fixed in Release 2.1

Assigned to: ARI Date corrected: 0 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 837 Priority 3 Status 4 Date reported 70282
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
Report using alternate file prints records out of order.
(File is probably messed up.)
(File was converted from an IDEAS1 data file.)

Fix: IDSEPRX3 LINE 1725.
See bug number 848 for complete fix.
Assigned to: TJB Date corrected: 71382 Version of correction: 2.1

How to
recreate:

Problem number 838 Priority 3 Status 4 Date reported 70682
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
When running a report, F\$() is re-dimensioned in IDSEPRX4 at
LINE 1635. May sometimes crash in subroutines at @556 if not
re-dimensioned to correct length.

Fix: At beginning of LINE 1945 in IDSEPRX4 ADD MAT REDIM F\$(E9)1;etc.
Assigned to: ELI Date corrected: 70682 Version of correction: 2.1

How to
recreate:

Problem number 840 Priority 2 Status 4 Date reported 70682
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
ERROR A04 in IDSEPRX3 - DEFFN 71 is called without RETURNS.

Fix: IDSEPRX3 LINES 1580 - 1616 CHANGED.

Assigned to: FHC Date corrected: 70182 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 841 Priority 3 Status 4 Date reported 70682
Reported by: Harvey Dobbs

Problem: Subsystem: BATCH In version: 2.0
Branch to an operation in reports and batch branches to wrong
operation - one too many.

Fix: IDS2PP19 LINES 3050,3060 AND 3090.

Assigned to: IJB Date corrected: 70682 Version of correction: 2.1

How to
recreate:

Problem number 842 Priority 3 Status 4 Date reported 70182
Reported by: Saudi Telephone

Problem: Subsystem: UTILITIES In version: 2.0
TC file utilities - IDEAS IC files are not real WANG TC files.
If record length is >80, other utilities (eg- 3741 utilities)
may not handle them correctly.

Fix: Fixed
in Release 2.1

Assigned to: AKI Date corrected: 0 Version of correction: 2.1

How to
recreate:

Problem number 843 Priority 3 Status 4 Date reported 70882
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS In version: 2.0
Documentation for read a record - if 'FILE # X' is used,
file name is blank in documentation.

Fix: Fixed in Release 2.1

Assigned to: CRW Date corrected: 0 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 844 Priority 3 Status 4 Date reported 70882
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Record selection documentation -
PRINTS - A Description for A Garbage
B Description for B Garbage etc.

Fix: IDS2PR35 - LINES 1150,1330 (SOURCE)

Assigned to: IJB Date corrected: 92782 Version of correction: 2.1

How to
recreate:

Problem number 845 Priority 3 Status 4 Date reported 70882
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS In version: 2.0
If screen is compressed, when it is revised, it may over-write
next file.

Fix: IDS2PS04 - LINE 1830 REM OUT DATA SAVE DA STATEMENTS (ALL THREE)

Assigned to: IJB Date corrected: 81182 Version of correction: 2.1

How to
recreate:

Problem number 846 Priority 3 Status 4 Date reported 71282
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
System flag 1 is not set until after first record is read.
Operation conditional on this flag are not performed.

Fix: IDS2PRX3 and IDS2PBX6 - LINE 1472 ADD F6\$(2)="Y"

Assigned to: IJB Date corrected: 71382 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 847 Priority 3 Status 4 Date reported 71282
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Documentation for 'Read a record' crashes in IDS2PS32 at
LINE 1010 at STR(C9\$,VAL...)

Fix: Fixed in Release 2.1

Assigned to: CRW Date corrected: 0 Version of correction: 2.1

How to
recreate:

Problem number 848 Priority 2 Status 4 Date reported 71482
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
If sort work file uses more than one block of keys, report
prints all records, then re-prints records from second bucket
in sort work file.

Fix: IDS2PBX4 LINE 1725 (compressed). After IF F7+8>=... statement,
ADD :ELSE STR(E3#(),1992)=STR(E2#(),1992). Also MAT SEARCH D#(),>=STR(E
Assigned to: IJB Date corrected: 71682 Version of correction: 2.1

How to
recreate:

Problem number 849 Priority 3 Status 5 Date reported 71682
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
If no disks are available when creating a sort work file,
HEX(FF)'s appear in field for disk address, and system beeps
continuously.

Fix: IDS2PBX2 has been changed to check disk several times, and print
an error message if no disks are available.
Assigned to: IJB Date corrected: 81182 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 851 Priority 3 Status 4 Date reported 71682
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
When printing report, Crashes in IDS2PRX4 with ERROR P34 at
LINE @497. H is a six digit number.
(NOTE: Specifying sort criteria using 3 key specs)

Fix: IDS2PBX4 - LINE 1034 First statement:
F5\$=STR(E\$(),1486,VAL(STR...)) should be F5\$=STR(E\$(),1486,5).
Assigned to: IJB Date corrected: 80982 Version of correction: 2.1

How to
recreate:

Problem number 852 Priority 3 Status 4 Date reported 71682
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
Same report as in BUG #851, if four sort keys are specified,
report prints 18 blank records.

Fix: IDS2PBX4 - same as bug #851

Assigned to: IJB Date corrected: 80982 Version of correction: 2.1

How to
recreate:

Problem number 854 Priority 3 Status 5 Date reported 80982
Reported by: Tracy Brown

Problem: Subsystem: PROGRAMS In version: 2.0
In 'Read a record' copy field to field or P/F I copy field to
field, generated subroutine allows max. of 256 bytes for copy.

Fix: IDS2PP27 LINES 2130-2140 for 'Read a record'
IDS2PP15 LINES 1038-1070 for 'Copy' P/F.
Assigned to: IJB Date corrected: 81382 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 855 Priority 3 Status 4 Date reported 72782
Reported by: John Kelly

Problem: Subsystem: REPORTS In version: 2.0
A report sorts correctly on vendor # (the key) or zip code,
but not both.

Fix: Same as bug #851 -- fix is in IDS2PBX4 LINE 1034.

Assigned to: TJB Date corrected: 80982 Version of correction: 2.1

How to
recreate:

Problem number 859 Priority 1 Status 4 Date reported 72182
Reported by: John Proulx

Problem: Subsystem: PROGRAMS In version: 2.0
Type 2 data file, Changing key for record and re-saving, gives
blank record when recalled.
NOTE: Using standard ACD program (that's the problem)

Fix: IDS2SUB4 - LINE 797 - AFTER GOSUB 768 ADD :V=K
LINE 830 - CHANGE F5#=F3# TO IF V=K THEN F5#=F3#:ELSE F3#=F5#

Assigned to: ELI Date corrected: 91082 Version of correction: 2.1

How to
recreate:

Problem number 860 Priority 3 Status 4 Date reported 80482
Reported by: Tracy Brown

Problem: Subsystem: REPORTS In version: 2.0
Archiving of reports does not copy all lines of mask out to
archived file.

Fix: IDS2PR52 AND IDS2PR53 - LINE 1227 -
SET Q=MAX(1, ...)

Assigned to: TJB Date corrected: 80582 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 861 Priority 3 Status 4 Date reported 80182
Reported by: Greg Turnquist (CSS)

Problem: Subsystem: UTILITIES In version: 2.0
Crashing in record dump utility at LINE 1680 with ERR P57

Fix: Same as bug #830. See fix there

Assigned to: FHC Date corrected: 62382 Version of correction: 2.1

How to
recreate:

Problem number 862 Priority 3 Status 4 Date reported 80982
Reported by: Greg Turnquist (CSS)

Problem: Subsystem: REPORTS In version: 2.0
Customer has a report which prints 1600 records; first 16 are
out of sequence, rest seem to be OK.

Fix: Probably fixed with all our sort fixes

Assigned to: IJB Date corrected: 80182 Version of correction: 2.1

How to
recreate:

Problem number 863 Priority 3 Status 4 Date reported 80982
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Indirect copy in reports does not work.

Fix: 1) Add LINE 2015 TO IDS2PP15(SOURCE)
2) Add to LINE 409 in IDS2SUB1 at start of line - Q=0:
Assigned to: IJB Date corrected: 81082 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 866 Priority 3 Status 4 Date reported 81182
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
Banner output on reports - sometimes prints garbage in record
selection listing.

Fix: IDS2PRX2 - LINES 1705,1725 (SOURCE)

Assigned to: IJB Date corrected: 92782 Version of correction: 2.1

How to
recreate:

Problem number 867 Priority 2 Status 5 Date reported 81682
Reported by: Harvey Dobbs (via CSS)

Problem: Subsystem: REPORTS In version: 2.0
Crashing at 497 with invalid pointers.
Occurs if SURT key contains type 7 field following a type 4
field.

Fix: IDS2PBX2 - LINE 1230 (SOURCE) or 1195 (COMPRESSED)
IF C3>0 THEN T=4 should be IF C3>0 AND T<4 THEN T=4

Assigned to: IJB Date corrected: 81682 Version of correction: 2.1

How to
recreate:

Problem number 868 Priority 2 Status 5 Date reported 81582
Reported by: CSS

Problem: Subsystem: SCREENS In version: 2.0
If screen has been compressed, and then is revised so that
output file requires more room, file which follows old screen
file is overwritten.

Fix: IDS2PS04 LINES 1840-1860 (SOURCE), LINE 1830 (COMPRESSED)
ELIMINATE ALL THREE DATA SAVE DA STATEMENTS.

Assigned to: ELI Date corrected: 81682 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 869 Priority 3 Status 4 Date reported 81882
Reported by: Tracy J. Brown, Inc.

Problem: Subsystem: UTILITIES In version: 2.0
Application Install - Installing to a single diskette using a
reference file. Utility creates two 170-sector scratched JUNK
files on output diskette.

Fix: IDS2PUI8

Assigned to: AKI Date corrected: 90182 Version of correction: 2.1

How to
recreate:

Problem number 871 Priority 3 Status 4 Date reported 81882
Reported by: Wendy (CSS)

Problem: Subsystem: REPORTS In version: 2.0
record selection is specified based on a field from FILE # 2.
Position in generated code is incorrect (based on FILE # 1)

Fix: IDS2PR21 LINE 1680 -- Change "124567" TO "01234567"

Assigned to: ELI Date corrected: 92082 Version of correction: 2.1

How to
recreate:

Problem number 872 Priority 3 Status 4 Date reported 82382
Reported by: AKI Super Software, Inc

Problem: Subsystem: REPORTS In version: 2.1
IDS2PRX0 - "Printer not avail., press EXEC to continue". Pressed
EXEC and crashed with an S17 ERROR at LINE 1160 (SOURCE)

Fix: IDS2PRX0 - LINE 1220 (SOURCE) 2nd statement should be:
:ELSE STR(E\$(),I*3+1701,18,I*3)=STR(E\$(),I*3+1704,15-I*3)
Assigned to: IJB Date corrected: 82382 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 874 Priority 3 Status 4 Date reported 82682
Reported by: Tracy Brown

Problem: Subsystem: UTILITIES In version: 2.0
IC Utilities - Bytes 46 and 47 of E1\$() entry are not set up
correctly. In this case they should be HEX(0080) but are
HEX(00B7).

Fix: IDSEPU05 AND IDSEPU07

Assigned to: ARI Date corrected: 90182 Version of correction: 2.1

How to
recreate:

Problem number 875 Priority 3 Status 4 Date reported 82682
Reported by: Tracy Brown

Problem: Subsystem: UTILITIES In version: X27
Created IC file using X27 (internal rel.), coming back from IC -
Error message: IC file is damaged.

Fix: IDSEPU08

Assigned to: ARI Date corrected: 90182 Version of correction: 2.1

How to
recreate:

Problem number 876 Priority 3 Status 4 Date reported 82482
Reported by: Alan Ischetter

Problem: Subsystem: REPORTS In version: 2.0
At execution time, message says 'Sorting is 100% done' then
another message says 'Sort file is full as if something is
wrong.

Fix: IDSEPBX4 CHANGE LINE 1810 (SOURCE) TO:
IF F7<J9 OR X=100 THEN RETURN

Assigned to: IJB Date corrected: 90982 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Ubsolete

Problem number 877 Priority 3 Status 4 Date reported 90882
Reported by: Greg Iurnquist (CSS)

Problem: Subsystem: GLOBAL In version: 2.0
Date conversion to Julian does not take into account leap years.
(Dates greater than 2/29 will be off by one.)

Fix: IDS2SUB7 - LINE 3805 EXCHANGE IF B=5 ... WITH IF MOD(T,4)...

Assigned to: ELI Date corrected: 90982 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete


```
*****
* Wang 2200 IDEAS Report Generator *
*                                     *
*   Report Title = "BUGRPT2 "       *
*                                     *
* (                                   ) *
*                                     *
*   Date = 11/09/82   User ID = TJB *
*****
```

Record Range Criteria used in this report run :

Description	Minimum Value	Maximum Value
Problem number	500	9999

Record selection criteria used in this report run :

```
Version corrected="2.1 "
OR
Version corrected>="X27 "
```

Record Sort Criteria used in this report run :

Problem number

IDEAS2 BUG LIST

Problem number 561 Priority 3 Status 4 Date reported 21082
Reported by: Frank Carr

Problem: Subsystem: REPORTS In version:
REPORTS: Create a field which overlaps into another field,
field overlapped into disappears.

Fix: IDSEPR10 -- now checks for collision of fields.

Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Problem number 686 Priority 3 Status 4 Date reported 40982
Reported by: Frank Carr

Problem: Subsystem: START's In version:
START's: If an alternate file is added to a data file, when
START module is revised, added file is not recorded unless
primary file is revised.

Fix: IDSEPT05 will now add file appropriately.

Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Problem number 706 Priority 3 Status 4 Date reported 41382
Reported by: Frank Carr

Problem: Subsystem: PROGRAMS In version:
PROGRAMS: Auto ACD program. Edit existing record, change key to
a duplicate key. Error message results. Changed key back to
original key and record is re-read, destroying current changes.

Fix: Fixed in Release 2.1 -IDS2PPG1 and IDS2PPG2.

Assigned to: ELT Date corrected: 92982 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 729 Priority 3 Status 4 Date reported 41682
Reported by: Peg Flood

Problem: Subsystem: UTILITIES In version:
UTILITIES: Third screen of File dump is titled "Data file Key
Dump". Should be file dump.
QA REF# 65955

Fix: IDS25U13

Assigned to: FHC Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Problem number 760 Priority 3 Status 4 Date reported 43082
Reported by: Joel Taunton

Problem: Subsystem: DATA FILES In version:
DATA FILES: Can change a type 2 file to a type 5.

Fix: IDS2PFO1 -- will now check for multi-volume files.

Assigned to: FJB Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Problem number 770 Priority 3 Status 5 Date reported 50682
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS In version: X25
SCREENS: Field definition -- Define field associated with file
#1 , skip back from field name and change to #2, position will
appear relative to file #1.

Fix: IDS2PS07

Assigned to: FJB Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 771 Priority 3 Status 4 Date reported 50582
Reported by: Peg Flood

Problem: Subsystem: UTILITIES In version: X25
Cannot cancel out of conversion utilities-- data files, screens,
menus, and START programs.
(NOTE: Screens, menus and START's are OK now.)

Fix: CANCEL can be used from all conversion utilities as of X28.

Assigned to: ART Date corrected: 102082 Version of correction: X28

How to
recreate:

Problem number 773 Priority 3 Status 4 Date reported 50682
Reported by: Frank Carr

Problem: Subsystem: SCREENS In version: X27
Documentation for edits crashes in IDS2PS27 ON LINE 1070 ERR P56

Fix: Add GOSUB 1530 AT beginning of LINE 1070, take out of 1090.

Assigned to: TJB Date corrected: 51282 Version of correction: 2.1

How to
recreate:

Problem number 780 Priority 2 Status 4 Date reported 51382
Reported by: Jack Lamprey

Problem: Subsystem: UTILITIES In version: X26
Application install -- STOP "Cannot find system files"
Created two diskettes with utility, each diskette contains
system files, Valid system cannot be created.

Fix: Fixed in Release 2.1

Assigned to: ART Date corrected: 81582 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 788 Priority 3 Status 5 Date reported 42882
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS In version: X26
Record read option, allows user to specify copying from FILE # 3
to FILE # 1. Does not do copy.

Fix: We will not allow this in the future.

Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Problem number 794 Priority 3 Status 4 Date reported 52082
Reported by: Peg Flood

Problem: Subsystem: UTILITIES In version: X26
Converting alternate data file, message displayed-- duplicate
key in alternate file. Then crashed at LINE 3080 AT DATA LOAD
BA 1#15, ... in IDSEPC04.

Fix: Fixed as of release X28.

Assigned to: ARI Date corrected: 102082 Version of correction: X28

How to
recreate:

Problem number 810 Priority 3 Status 4 Date reported 52782
Reported by: Chuck Wilson

Problem: Subsystem: MENU DRIVER In version: X27
Application menus do not allow use of '31 unless explicitly
specified.

Fix: IDSEMX01

Assigned to: ELT Date corrected: 0 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 811 Priority 3 Status 5 Date reported 52782
Reported by: Chuck Wilson

Problem: Subsystem: MENU DRIVER In version: X27
Does not allow use of '31 if cancel module is not specified.

Fix:
Assigned to: ELT Date corrected: 0 Version of correction: 2.1

How to
recreate:

Problem number 813 Priority 2 Status 4 Date reported 51782
Reported by: Small World Enterprise

Problem: Subsystem: GLOBAL In version: X25
If a record is protected by another partition, error message
says "Record is in use by station number 10FILE." (Includes
last part of data file name.)

Fix: IDS2SUB3 LINE 760
Assigned to: TJB Date corrected: 62982 Version of correction: 2.1

How to
recreate:

Problem number 815 Priority 3 Status 4 Date reported 60182
Reported by: Frank Carr

Problem: Subsystem: EDITS In version: X25
Read a record: Set field equal to field -- does not allow
reading from alternate file(not associated) and transferring to
primary file (associated).

Fix: Fixed in Release 2.1
Assigned to: TJB Date corrected: 70182 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 818 Priority 3 Status 4 Date reported 60182
Reported by: Barb Reyer (NML)

Problem: Subsystem: SCREENS In version: X23
Screens no longer exclude duplicate field names.

Fix: IDS2PS07 -- Additions for 'rename edits' skipped around test for
duplicate field names.

Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Problem number 820 Priority 3 Status 4 Date reported 60582
Reported by: Chuck Wilson

Problem: Subsystem: SECURITY In version: 2.0
If three successive invalid passwords are entered in an
application, program STOPS. User may then press RUN and system
will accept ID without password.

Fix: IDS2PIX5 -- don't set R4\$ to ID that was entered until password
is entered.

Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to
recreate:

Problem number 821 Priority 3 Status 4 Date reported 52682
Reported by: Barb Reyer (NML)

Problem: Subsystem: PROGRAMS In version: X23
Program compilation hangs up in loop.
Screen "NBSZZZZZ", Program "I", Field "BLNKFLD" Edit #5.

Fix: Fixed as of Release X28.

Assigned to: AKI Date corrected: 102082 Version of correction: X28

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 822 Priority 3 Status 4 Date reported 52682
Reported by: Barb Reyer (NML)

Problem: Subsystem: SCREENS In version: X23
Extra screen utilities -- "Delete screen" option does not
rename screen, only scratches.

Fix:

Assigned to: TJB Date corrected: 0 Version of correction: 2.1

How to
recreate:

Problem number 824 Priority 3 Status 5 Date reported 60682
Reported by: Chuck Wilson

Problem: Subsystem: EDITS In version: 2.0
ETSIFLD's are allowed in Math calculations for batch programs.

Fix: ID82PS20 LINES 1121, 1140

Assigned to: TJB Date corrected: 62882 Version of correction: 2.1

How to
recreate:

Problem number 825 Priority 3 Status 4 Date reported 62282
Reported by: NML (via ART)

Problem: Subsystem: EDITS In version: 2.0
If a user exit has been created but no longer exists on system
platter, PS22 displays error message, then crashes at @8 with
F=0.

Fix: ID82PS22 LINE 1141 ADD AFTER '35 : F=13

Assigned to: ART Date corrected: 62282 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 826 Priority 3 Status 5 Date reported 62282
Reported by: Small World Enterprise

Problem: Subsystem: DATA FILES In version: 2.0
Type 5 fields, right justify does not document correctly.

Fix:

Assigned to: TJB Date corrected: 62282 Version of correction: 2.1

How to
recreate:

Problem number 828 Priority 3 Status 4 Date reported 60782
Reported by: Frank Carr

Problem: Subsystem: REPORTS In version: 2.0
When editing report mask, if you cancel, mask lines are stored
as changed, but fields are not.

Fix: IDS2PROB - Can no longer cancel from mask.

Assigned to: TJB Date corrected: 62282 Version of correction: 2.1

How to
recreate:

Problem number 830 Priority 3 Status 4 Date reported 62382
Reported by: Alan Tschetter

Problem: Subsystem: UTILITIES In version: 2.0
File dump utility - ERR P57 in IDS2PU20 at LINE 1690.

Fix: IDS2PU20 - LINE 1690 change second statement to:
ROTATEC(STR(E4#(),P),2)

Assigned to: FHC Date corrected: 62382 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 831 Priority 2 Status 4 Date reported 62982
Reported by: Frank Carr (Colgate)

Problem: Subsystem: REPORTS In version: 2.0
IDS2PRX3 crashes with ERR A04 because of repeated calls to
DEFBN '71 w/o RETURN statements. Caused by repeated independent
record reads durin report operations.

Fix: IDS2PRX3 -- fixes are listed on bug report.

Assigned to: FHC Date corrected: 62982 Version of correction: 2.1

How to
recreate:

Problem number 832 Priority 3 Status 5 Date reported 62882
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Documentation for field type - Type 1 fields are shown as type 2

Fix: IDS2PR32 LINE 1560

Assigned to: TJB Date corrected: 62982 Version of correction: 2.1

How to
recreate:

Problem number 833 Priority 3 Status 4 Date reported 62882
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Documentation for reports - Does not document spec. for level
for each operation (ie- perform only if LEVEL>=x)

Fix:

Assigned to: CRW Date corrected: 92082 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 834 Priority 3 Status 4 Date reported 62882
Reported by: Small World Enterprise

Problem: Subsystem: REPURIS In version: 2.0
First operation specified is performed only if LEVEL = P.
Generated code reads: 2000 IF J7<> 13 THEN 2001 : etc.
Operation is not performed.

Fix: Fixed in Release 2.1.

Assigned to: ELI Date corrected: 92982 Version of correction: 2.1

How to
recreate:

Problem number 835 Priority 3 Status 5 Date reported 70282
Reported by: Harvey Dobbs

Problem: Subsystem: SCREENS In version: 2.0
Screens allow duplicate field names.

Fix:

Assigned to: TJB Date corrected: 0 Version of correction: 2.1

How to
recreate:

Problem number 836 Priority 3 Status 4 Date reported 70282
Reported by: John Proulx

Problem: Subsystem: UTILITIES In version: 2.0
ERROR P57 AT @797 in subs when running 'Convert to/from IC'.
(Files not opened correctly.)

Fix: Fixed in Release 2.1

Assigned to: ARI Date corrected: 0 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 837 Priority 3 Status 4 Date reported 70282
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
Report using alternate file prints records out of order.
(File is probably messed up.)
(File was converted from an IDEAS1 data file.)

Fix: IDS2PRX3 LINE 1725.
See bug number 848 for complete fix.

Assigned to: JJB Date corrected: 71382 Version of correction: 2.1

How to
recreate:

Problem number 838 Priority 3 Status 4 Date reported 70682
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
When running a report, F\$() is re-dimensioned in IDS2PRX4 at
LINE 1635. May sometimes crash in subroutines at @556 if not
re-dimensioned to correct length.

Fix: At beginning of LINE 1945 in IDS2PRX4 ADD MA1 REDIM F\$(E9)1;etc.

Assigned to: ELI Date corrected: 70682 Version of correction: 2.1

How to
recreate:

Problem number 839 Priority 3 Status 4 Date reported 70682
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
In generated report, length of report on LINE 1002 is always
1600.

Fix: IDS2PRO5 LINES 1130 AND 1220.

Assigned to: ELI Date corrected: 92982 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 840 Priority 2 Status 4 Date reported 70682
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
ERROR A04 in IDS2PRX3 - DEFFN'71 is called without RETURNS.

Fix: IDS2PRX3 LINES 1580 - 1616 CHANGED.

Assigned to: FHC Date corrected: 70182 Version of correction: 2.1

How to
recreate:

Problem number 841 Priority 3 Status 4 Date reported 70682
Reported by: Harvey Dobbs

Problem: Subsystem: BATCH In version: 2.0
Branch to an operation in reports and batch branches to wrong
operation - one too many.

Fix: IDS2PP19 LINES 3050,3060 AND 3090.

Assigned to: TJB Date corrected: 70682 Version of correction: 2.1

How to
recreate:

Problem number 842 Priority 3 Status 4 Date reported 70182
Reported by: Saudi Telephone

Problem: Subsystem: UTILITIES In version: 2.0
IC file utilities - IDEAS IC files are not real WANG IC files.
If record length is >80, other utilities (eg- 3741 utilities)
may not handle them correctly.

Fix: Fixed
in Release 2.1

Assigned to: AKI Date corrected: 0 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 843 Priority 3 Status 4 Date reported 70882
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS In version: 2.0
Documentation for read a record - if 'FILE # X' is used,
file name is blank in documentation.

Fix: Fixed in Release 2.1

Assigned to: CRW Date corrected: 0 Version of correction: 2.1

How to
recreate:

Problem number 844 Priority 3 Status 4 Date reported 70882
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Record selection documentation -
PRINTS - A Description for A Garbage
B Description for B Garbage etc.

Fix: IDSEPR35 - LINES 1150,1330 (SOURCE)

Assigned to: TJB Date corrected: 92782 Version of correction: 2.1

How to
recreate:

Problem number 845 Priority 3 Status 4 Date reported 70882
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS In version: 2.0
If screen is compressed, when it is revised, it may over-write
next file.

Fix: IDSEPS04 - LINE 1830 REM OUT DATA SAVE DA STATEMENTS (ALL THREE)

Assigned to: TJB Date corrected: 81182 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 846 Priority 3 Status 4 Date reported 71282
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
System flag 1 is not set until after first record is read.
Operation conditional on this flag are not performed.

Fix: IDS2PRX3 and IDS2PBX6 - LINE 1472 ADD F6\$(2)="Y"

Assigned to: TJB Date corrected: 71382 Version of correction: 2.1

How to
recreate:

Problem number 847 Priority 3 Status 4 Date reported 71282
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Documentation for 'Read a record' crashes in IDS2PS32 at
LINE 1010 at STR(C9\$,VAL...)

Fix: Fixed in Release 2.1

Assigned to: CRW Date corrected: 0 Version of correction: 2.1

How to
recreate:

Problem number 848 Priority 2 Status 4 Date reported 71482
Reported by: John Froulx

Problem: Subsystem: REPORTS In version: 2.0
If sort work file uses more than one block of keys, report
prints all records, then re-prints records from second bucket
in sort work file.

Fix: IDS2PBX4 LINE 1725 (compressed). After IF F7+8>=... statement,
ADD :ELSE STR(E3\$(),1992)=STR(E2\$(),1992). Also MAT SEARCH D\$(),>=STR(E

Assigned to: TJB Date corrected: 71682 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 849 Priority 3 Status 5 Date reported 71682
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
If no disks are available when creating a sort work file,
HEX(FF)'s appear in field for disk address, and system beeps
continuously.

Fix: IDS2PBX2 has been changed to check disk several times, and print
an error message if no disks are available.

Assigned to: TJB Date corrected: 81182 Version of correction: 2.1

How to
recreate:

Problem number 851 Priority 3 Status 4 Date reported 71682
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
When printing report, Crashes in IDS2PRX4 with ERROR P34 at
LINE @497. H is a six digit number.
(NOTE: Specifiying sort criteria using 3 key specs)

Fix: IDS2PBX4 - LINE 1034 First statement:
F5#=STR(E#,1486,VAL(STR...)) should be F5#=STR(E#,1486,5).

Assigned to: TJB Date corrected: 80982 Version of correction: 2.1

How to
recreate:

Problem number 852 Priority 3 Status 4 Date reported 71682
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
Same report as in BUG #851, if four sort keys are specified,
report prints 18 blank records.

Fix: IDS2PBX4 - same as bug #851

Assigned to: TJB Date corrected: 80982 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 854 Priority 3 Status 5 Date reported 80982
Reported by: Tracy Brown

Problem: Subsystem: PROGRAMS In version: 2.0
In 'Read a record' copy field to field or P/F I copy field to
field, generated subroutine allows max. of 256 bytes for copy.

Fix: IDS2PP27 LINES 2130-2140 for 'Read a record'
IDS2PP15 LINES 1038-1070 for 'Copy' P/F.
Assigned to: TJB Date corrected: 81382 Version of correction: 2.1

How to
recreate:

Problem number 855 Priority 3 Status 4 Date reported 72782
Reported by: John Kelly

Problem: Subsystem: REPORTS In version: 2.0
A report sorts correctly on vendor # (the key) or zip code,
but not both.

Fix: Same as bug #851 -- fix is in IDS2PBX4 LINE 1034.
Assigned to: TJB Date corrected: 80982 Version of correction: 2.1

How to
recreate:

Problem number 859 Priority 1 Status 4 Date reported 72182
Reported by: John Proulx

Problem: Subsystem: PROGRAMS In version: 2.0
Type 2 data file, Changing key for record and re-saving, gives
blank record when recalled.
NOTE: Using standard ACD program (that's the problem)

Fix: IDS2SUB4 - LINE 797 - AFTER GUSUB 768 ADD :V=K
LINE 830 - CHANGE F5#=F3# TO IF V=K THEN F5#=F3#;ELSE F3#=F5#
Assigned to: ELI Date corrected: 91082 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 860 Priority 3 Status 4 Date reported 80482
Reported by: Tracy Brown

Problem: Subsystem: REPORTS In version: 2.0
Archiving of reports does not copy all lines of mask out to
archived file.

Fix: IDSEPR52 AND IDSEPR53 - LINE 1227 -
SET O=MAX(1, ...)

Assigned to: TJB Date corrected: 80582 Version of correction: 2.1

How to
recreate:

Problem number 861 Priority 3 Status 4 Date reported 80182
Reported by: Greg Furnquist (CSS)

Problem: Subsystem: UTILITIES In version: 2.0
Crashing in record dump utility at LINE 1680 with ERR P57

Fix: Same as bug #830. See fix there

Assigned to: FHC Date corrected: 62382 Version of correction: 2.1

How to
recreate:

Problem number 862 Priority 3 Status 4 Date reported 80982
Reported by: Greg Furnquist (CSS)

Problem: Subsystem: REPORTS In version: 2.0
Customer has a report which prints 1600 records; first 16 are
out of sequence, rest seem to be OK.

Fix: Probably fixed with all our sort fixes

Assigned to: TJB Date corrected: 80182 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 863 Priority 3 Status 4 Date reported 80982
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Indirect copy in reports does not work.

Fix: 1) Add LINE 2015 TO IDS2PP15(SOURCE)
2) Add to LINE 409 in IDS2SUB1 at start of line - Q=0:
Assigned to: IJB Date corrected: 81082 Version of correction: 2.1

How to
recreate:

Problem number 864 Priority 3 Status 4 Date reported 81182
Reported by: NML (via ARI)

Problem: Subsystem: REPORTS In version: 2.0
'215' is sometimes in printer list and sometimes not. If it is
not in the list, you cannot change the default (which is 215)
to '215'.

Fix: IDS2PRX0 LINE 1160 - \$OPEN should branch to 1170 if not avail.
Assigned to: ELI Date corrected: 92982 Version of correction: 2.1

How to
recreate:

Problem number 866 Priority 3 Status 4 Date reported 81182
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
Banner output on reports - sometimes prints garbage in record
selection listing.

Fix: IDS2PRX2 - LINES 1705,1725 (SOURCE)
Assigned to: IJB Date corrected: 92782 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 867 Priority 2 Status 5 Date reported 81682
Reported by: Harvey Dobbs (via CSS)

Problem: Subsystem: REPORTS In version: 2.0
Crashing at 497 with invalid pointers.
Occurs if SURT key contains Type 7 field following a type 4 field.

Fix: IDS2PBX2 - LINE 1230 (SOURCE) or 1195 (COMPRESSED)
IF C3>0 THEN T=4 should be IF C3>0 AND T<4 THEN T=4
Assigned to: JOB Date corrected: 81682 Version of correction: 2.1

How to
recreate:

Problem number 868 Priority 2 Status 5 Date reported 81582
Reported by: CSS

Problem: Subsystem: SCREENS In version: 2.0
If screen has been compressed, and then is revised so that
output file requires more room, file which follows old screen
file is overwritten.

Fix: IDS2PS04 LINES 1840-1860 (SOURCE), LINE 1830 (COMPRESSED)
ELIMINATE ALL THREE DATA SAVE DA STATEMENTS.
Assigned to: ELT Date corrected: 81682 Version of correction: 2.1

How to
recreate:

Problem number 869 Priority 3 Status 4 Date reported 81882
Reported by: Tracy J. Brown, Inc.

Problem: Subsystem: UTILITIES In version: 2.0
Application Install - Installing to a single diskette using a
reference file. Utility creates two 170-sector scratched JUNK
files on output diskette.

Fix: IDS2PUI8
Assigned to: ART Date corrected: 90182 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 871 Priority 3 Status 4 Date reported 8188Z
Reported by: Wendy (CSS)

Problem: Subsystem: REPORTS In version: 2.0
record selection is specified based on a field from FILE # 2.
Position in generated code is incorrect (based on FILE # 1)

Fix: IDS2PR21 LINE 1680 -- Change "1234567" TO "01234567"

Assigned to: ELI Date corrected: 9208Z Version of correction: 2.1

How to
recreate:

Problem number 872 Priority 3 Status 4 Date reported 8238Z
Reported by: ARI Super Software, Inc

Problem: Subsystem: REPORTS In version: X27
IDS2PRX0 - "Printer not avail., press EXEC to continue". Pressed
EXEC and crashed with an S17 ERROR at LINE 1160 (SOURCE)

Fix: IDS2PRX0 - LINE 1220 (SOURCE) 2nd statement should be:
:ELSE STR(E\$(), I*3+1701, 18, I*3)=STR(E\$(), I*3+1704, 15-I*3)

Assigned to: IJB Date corrected: 8238Z Version of correction: 2.1

How to
recreate:

Problem number 874 Priority 3 Status 4 Date reported 8268Z
Reported by: Tracy Brown

Problem: Subsystem: UTILITIES In version: 2.0
TC Utilities - Bytes 46 and 47 of E1\$() entry are not set up
correctly. In this case they should be HEX(0080) but are
HEX(00B7).

Fix: IDS2PU05 AND IDS2PU07

Assigned to: ARI Date corrected: 9018Z Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 875 Priority 3 Status 4 Date reported 82682
Reported by: Tracy Brown

Problem: Subsystem: UTILITIES In version: X27
Created TC file using X27 (internal rel.), coming back from TC -
Error message: TC file is damaged.

Fix: IDS2PU08

Assigned to: ART Date corrected: 90182 Version of correction: 2.1

How to
recreate:

Problem number 876 Priority 3 Status 4 Date reported 82482
Reported by: Alan Ischetter

Problem: Subsystem: REPORTS In version: 2.0
At execution time, message says 'Sorting is 100% done' then
another message says 'Sort file is full as if something is
wrong.'

Fix: IDS2PBX4 CHANGE LINE 1810 (SOURCE) TO:
IF F7<J9 OR X=100 THEN RETURN

Assigned to: TJB Date corrected: 90982 Version of correction: 2.1

How to
recreate:

Problem number 877 Priority 3 Status 4 Date reported 90882
Reported by: Greg Furnquist (CSS)

Problem: Subsystem: GLOBAL In version: 2.0
Date conversion to Julian does not take into account leap years.
(Dates greater than 2/29 will be off by one.)

Fix: IDS2SUB7 - LINE 3805 EXCHANGE IF B=5 ... WITH IF MOD(T,4)...

Assigned to: ELI Date corrected: 90982 Version of correction: 2.1

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 879 Priority 3 Status 4 Date reported 90882
Reported by: Jim Jeffrey (via TJB)

Problem: Subsystem: UTILITIES In version: 2.0
Utility to expand a data file does not expand the alternate files.

Fix: Fixed as of Release X27.

Assigned to: ARI Date corrected: 102582 Version of correction: 2.1

How to recreate:

Problem number 881 Priority 2 Status 4 Date reported 92082
Reported by: Wendy MacGown (CS5)

Problem: Subsystem: UTILITIES In version: 2.0
BATCH SCREEN UPDATE: If associated data file is an alternate, IDS2PS61 Crashes at LINE 1270 with ERROR X75.
(NOTE: STR(E#,93,4) is all blanks.)

Fix: IDS2PS61 - Moved CONVERT Statement on LINE 1270 TO LINE 1290.

Assigned to: JCT Date corrected: 100582 Version of correction: 2.1

How to recreate:

Problem number 882 Priority 1 Status 4 Date reported 92082
Reported by: Jim jeffrey, NML, etc.

Problem: Subsystem: UTILITIES In version: 2.0
Release all records mangles data files.

Fix: Fixed as of release X27.

Assigned to: JCT Date corrected: 102082 Version of correction: 2.1

How to recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 887 Priority 3 Status 4 Date reported 100482
Reported by: Frank Carr

Problem: Subsystem: SCREENS In version: 2.0
After editing data files on first screen, skip back keys are
turned off for any other editing.

Fix: IDS2PS01 (SOURCE) LINE 1735.

Assigned to: TJB Date corrected: 102182 Version of correction: X28

How to
recreate:

Problem number 888 Priority 0 Status 4 Date reported 100482
Reported by: Frank Carr

Problem: Subsystem: SYSTEM In version: 2.0
Last date used is never set upon entering system.
It should be set at date entry screen>

Fix: IDS2P002, IDS2P006, IDS2PIX1, IDS2PIX8.

Assigned to: TJB Date corrected: 102182 Version of correction: X28

How to
recreate:

Problem number 889 Priority 2 Status 4 Date reported 100482
Reported by: Frank Carr

Problem: Subsystem: UTILITIES In version: X27
Cross-reference utility - IDS2PS94 STOP AT LINE 1002.

Fix: IDS2PS94 - Get rid of STOP AT LINE 1002.

Assigned to: CRW Date corrected: 100482 Version of correction: X28

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 890 Priority 0 Status 4 Date reported 101482
Reported by: Tracy Brown

Problem: Subsystem: UTILITIES In version: X27
Application Install crashes immediately on Disk D22 - ERR P55
at LINE 87.

Fix: IDSEMOVA

Assigned to: ART Date corrected: 101482 Version of correction: 2.1

How to
recreate:

Problem number 891 Priority 0 Status 4 Date reported 101482
Reported by: Tracy Brown

Problem: Subsystem: UTILITIES In version: X27
Datafile conversion utility crashes in local mode -
Subroutines are cleared out.

Fix: IDS2PCMN - Changed it to load IDS2PC02 instead of IDS2PC01.

Assigned to: ART Date corrected: 101482 Version of correction: X28

How to
recreate:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

```
*****
* Wang 2200 IDEAS Report Generator *
*                                     *
*   Report Title = "BUGRPT6 "       *
*                                     *
* (Report of bugs with detailed fix) *
*                                     *
*   Date = 11/16/82   User ID = FJB *
*****
```

Record Range Criteria used in this report run :

Description	Minimum Value	Maximum Value
Problem number	800	9999

Record selection criteria used in this report run :

Version corrected="2.1 "

OR

Version corrected>="X27 "

Record Sort Criteria used in this report run :

Problem number

IDEAS2 BUG LIST WITH FIX DETAILS

Problem number 810 Priority 3 Status 4 Date reported 52782
Reported by: Chuck Wilson Reference number:

Problem: Subsystem: MENU DRIVER In version: X27
Application menus do not allow use of '31 unless explicitly specified.

How to recreate:

Problem resolution:

Date fixed: 0 In version: 2.1 R&D Contact: Ed Thibeault

Modules affected: IDS2MX01

Description of problem resolution:

IDS2MX01

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 811 Priority 3 Status 5 Date reported 52782
Reported by: Chuck Wilson Reference number:

Problem: Subsystem: MENU DRIVER In version: X27
Does not allow use of '31 if cancel module is not specified.

How to
recreate:

Problem resolution:
Date fixed: 0 In version: 2.1 R&D Contact: Ed Thibeault

Modules affected:

Description of problem resolution:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 813 Priority 2 Status 4 Date reported 5178z
Reported by: Small World Enterprise Reference number:

Problem: Subsystem: GLOBAL In version: X25
If a record is protected by another partition, error message
says "Record is in use by station number 10F0E." (Includes
last part of data file name.)

How to
recreate:

Problem resolution:

Date fixed: 6298z In version: 2.1 R&D Contact: Tracy Brown X4566

Modules affected: IDS2SUB3

Description of problem resolution:

IDS2SUB3 LINE 760

After second statement: IF Q>0 OR JK=0 THEN 693

Add: E8\$=" "

↑↑↑↑↑↑

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 815 Priority 3 Status 4 Date reported 60182
Reported by: Frank Carr Reference number:

Problem: Subsystem: EDITS In version: X25
Read a record: Set field equal to field -- does not allow
reading from alternate file(not associated) and transferring to
primary file (associated).

How to
recreate:

Problem resolution:

Date fixed: 70182 In version: 2.1 R&D Contact: Tracy Brown X4566

Modules affected: IDSEPS3X IDSEPP27

Description of problem resolution:

Fixed in Release 2.1

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 818 Priority 3 Status 4 Date reported 60182
 Reported by: Barb Keyer (NML) Reference number:

Problem: Subsystem: SCREENS In version: X23
 Screens no longer exclude duplicate field names.

How to recreate:

Problem resolution:

Date fixed: 60482 In version: 2.1 R&D Contact: Tracy Brown X4506

Modules affected: IDSEPS07

Description of problem resolution:

IDSEPS07 -- Additions for 'rename edits' skipped around test for duplicate field names.

To fix: in LINE 2080, in third and fourth statements, references to E\$ should be changed to refer to F\$.

Third statement should be: STR(F\$,8)=STR(E\$,9,8) XOR etc....
 ↑↑↑↑↑

Fourth statement should be: IF VAL(.....) AND POS(STR(F\$,8)<>....
 ↑↑↑↑↑

Release 2.1 reads:

```

2080 IFVAL(STR(C$,25))>0ANDSTR(E$,9,8)<>STR(C$,9,8)THENSTR(.....
: ELSESTR(C$,16)=ORALL(80)
: STR(F$,8)=STR(E$,9,8)XORSTR(C$,9,8)ANDALL(7F)
: IFVAL(STR(C$,25))=0ANDSTR(E$,52,3)<>" 0"ANDPOS(STR(F$,8)...
: ELSEGOTO2100
: STR(C$,25)=HIN(1)
    
```

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 820 Priority 3 Status 4 Date reported 60482
Reported by: Chuck Wilson Reference number:

Problem: Subsystem: SECURITY In version: 2.0
If three successive invalid passwords are entered in an
application, program SIFPS. User may then press RUN and system
will accept ID without password.

How to
recreate:

Problem resolution:
Date fixed: 60482 In version: 2.1 R&D Contact: Tracy Brown X4566

Modules affected: IDS2FIX5

Description of problem resolution:

IDS2FIX5 -- don't set R4# to ID that was entered until password
is entered.

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 821 Priority 3 Status 4 Date reported 52682
Reported by: Barb Reyer (NML) Reference number:

Problem: Subsystem: PROGRAMS In version: X23
Program compilation hangs up in loop.
Screen "NBSZZZZZ", Program "I", Field "BLNKFLD" Edit #5.

How to
recreate:

Problem resolution:
Date fixed: 10/082 In version: X28 R&D Contact: Alan Eschetter 24007

Modules affected:

Description of problem resolution:

Fixed as of Release X28.

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 822 Priority 3 Status 4 Date reported 52682
Reported by: Barb Meyer (NML) Reference number:

Problem: Subsystem: SCREENS In version: X23
Extra screen utilities -- "Delete screen" option does not
rename screen, only scratches.

How to
recreate:

Problem resolution:

Date fixed: 0 In version: 2.1 R&D Contact: Tracy Brown X4566

Modules affected:

Description of problem resolution:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 824 Priority 3 Status 5 Date reported 60682
 Reported by: Chuck Wilson Reference number:

Problem: Subsystem: EDITS In version: 2.0
 @TSTFLD's are allowed in Math calculations for batch programs.

How to
 recreate:

Problem resolution:
 Date fixed: 62882 In version: 2.1 R&D Contact: Tracy Brown X4566

Modules affected: 1052P520

Description of problem resolution:

1052P520 LINES 1121, 1140

Release 2.1 reads:

```
1121 GOSUB8000
      : MATSEARCHE3$,=STR(E$,8)TOP9$STEP8
      : IFF9$>HEX(0000) THEN1122
      : IFC5$<"R"ANDVER(E$,"@TSTFLD#")=8THEN1050
      : GOSUB'35("Invalid field name")
      : GOTO1069
```

Should be:

```
1121 GOSUB8000
      : MATSEARCHE3$,=STR(E$,8)TOP9$STEP8
      : IFF9$>HEX(0000) THEN1122
      : IFF0S("RB"=C5$)=0ANDVER(E$,"@TSTFLD#")=8THEN1050 (changed)
      : GOSUB'35("Invalid field name")
      : GOTO1069
```

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 825 Priority 3 Status 4 Date reported 62282
 Reported by: NML (via ART) Reference number:

Problem: Subsystem: EDIT5 In version: 2.0
 If a user exit has been created but no longer exists on system
 platter, PS22 displays error message, then crashes at 08 with
 F=0.

How to
 recreate:

Problem resolution:

Date fixed: 62282 In version: X27 R&D Contact: Alan Eschetter X4007

Modules affected: ID52PS22

Description of problem resolution:

In ID52PS22, at line 1141, add after the (35(...), : F=13

Release 2.1 reads:

1141 GOSUB 35("Invalid user-coded program file name")
 : GOTO1070

Should be:

1141 GOSUB 35("Invalid user-coded program file name")
 : F=13
 : GOTO1070

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Libsolete

Problem number 826 Priority 3 Status 5 Date reported 6/2/82
Reported by: Small World Enterprise Reference number:

Problem: Subsystem: DATA FILES In version: 2.0
Type S fields, right justify does not document correctly.

How to
recreate:

Problem resolution:

Date fixed: 6/2/82 In version: 2.1 R&D Contact: Tracy Brown X4566

Modules affected:

Description of problem resolution:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Incomplete

Problem number 828 Priority 3 Status 4 Date reported 60782
Reported by: Frank Carr Reference number:

Problem: Subsystem: REPORTS In version: 2.0
When editing report mask, if you cancel, mask lines are stored
as changed, but fields are not.

How to
recreate:

Problem resolution:

Date fixed: 62282 In version: 2.1 R&D Contact: Tracy Brown 24444

Modules affected: ID52PRO3

Description of problem resolution:

ID52PRO3 - Can no longer cancel from mask.

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 830 Priority 3 Status 4 Date reported 62382
 Reported by: Alan Ischetter Reference number:

Problem: Subsystem: UTILITIES in version: 2.0
 File dump utility - FRK P57 in IDSEFU20 at LINE 1690.

How to
 recreate:

Problem resolution:
 Date fixed: 62382 in version: 2.1 R&D Contact: FHC

Modules affected: IDSEFU20

Description of problem resolution:

IDSEFU20 - LINE 1680 (COMPRESSED) change third statement to:
 ROTATEC(STR(E4#(),P),P)

Release 2.0- 1680 IFJ7=0 THEN 1700
 : FORP=J6*2+1 TO J6*2+J7
 : ROTATEC(STR(E4#(),P),J6*2+J7+1-CO+J6+J7/4+1,P),-2)
 : NEXT P

Should be- 1680 IFJ7=0 THEN 1700
 : FORP=J6*2+1 TO J6*2+J7
 : ROTATEC(STR(E4#(),P),-2)
 : NEXT P

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 831 Priority 2 Status 4 Date reported 6/29/82
Reported by: Frank Carr (Colgate) Reference number:

Problem: Subsystem: REPORTS In version: 2.0
IDSEPRX3 crashes with ERR A04 because of repeated calls to
DEFBN (7) w/o RETURN statements. Caused by repeated independent
record reads durin report operations.

How to
recreate:

Problem resolution:

Date fixed: 6/29/82 In version: 2.1 R&D Contact: FHC

Modules affected: IDSEPRX4

Description of problem resolution:

IDSEPRX3 -- fixes are listed on bug report.
See listing on problem 840.

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 832 Priority 3 Status 5 Date reported 62982
 Reported by: Small World Enterprise Reference number:

Problem: Subsystem: REPORTS In version: 2.0
 Documentation for field type - Type 1 fields are shown as type 2

How to
 recreate:

Problem resolution:

Date fixed: 62982 In version: 2.1 R&D Contact: Tracy Brown X4566

Modules affected: IDSEPR32

Description of problem resolution:

IDSEPR32 LINE 1540 (COMPRESSED):

Release 2.0 reads:

1540 CONVERT INT (VAL (STR (.....

```

    ...
    : J1$=STR (JO$,6)ANDHEX (50)
    : IF VAL (J1$)>3 THEN STR (E$,48,1)="2"
    : ELSE IF J1$=HEX (10) THEN STR (E$,48,1)="1"
    : ELSE IF J1$=HEX (00) THEN STR (E$,48,1)="0"
    : IF MOD (VAL (STR (JO$,3)),4)>1 THEN STR (E$,50,1)="Y"
    : ELSE STR (E$,50,1)="."
    (rest of statement)
    
```

Should be:

1540 CONVERT INT (VAL (STR (.....

```

    ...
    : J1$=STR (JO$,6)ANDHEX (50)
    : STR (E$,48,1)="2" <changed>
    : IF J1$=HEX (10) THEN STR (E$,48,1)="1" <changed>
    : IF J1$=HEX (00) THEN STR (E$,48,1)="0" <changed>
    (rest of statement)
    
```

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 833 Priority 3 Status 4 Date reported 62082
Reported by: Small World Enterprise Reference number:

Problem: Subsystem: REPORTS In version: 2.0
Documentation for reports - Does not document spec. for level
for each operation (ie- perform only if LEVEL>=x)

How to
recreate:

Problem resolution:
Date fixed: 92082 In version: 2.1 R&D Contact: Chuck Wilson

Modules affected:

Description of problem resolution:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 834 Priority 3 Status 4 Date reported 62882
Reported by: Small World Enterprise Reference number:

Problem: Subsystem: REPORTS In version: 2.0
First operation specified is performed only if LEVEL = P.
Generated code reads: 2000 IF J7<> 13 THEN 2001 ; etc.
Operation is not performed.

How to
recreate:

Problem resolution:
Date fixed: 92882 In version: 2.1 R&D Contact: Ed Thibeault

Modules affected: IDB2PRX4

Description of problem resolution:

Fixed in Release 2.1.

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 835 Priority 3 Status 5 Date reported 7/28/82
Reported by: Harvey Dobbs Reference number:

Problem: Subsystem: SCREENS In version: 2.0
Screens allow duplicate field names.

How to
recreate:

Problem resolution:

Date fixed: 0 In version: 2.1 R&D Contact: Tracy Brown X4566

Modules affected: JDS2PS07

Description of problem resolution:

Same as bug #818 - see fix listed there.

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 836 Priority 3 Status 4 Date reported 70282
Reported by: John Proulx Reference number:

Problem: Subsystem: UTILITIES In version: 2.0
ERROR P57 AT @797 in subs when running 'Convert to/from IC'.
(Files not opened correctly.)

How to
recreate:

Problem resolution:

Date fixed: 101582 In version: X28 R&D Contact: Alan Eschetter x4007

Modules affected: IDS2PU05 IDS2PU07

Description of problem resolution:

Fix is too long to explain. Simply acquire the above modules.

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 837 Priority 3 Status 4 Date reported 70282
 Reported by: John Proulx Reference number:

- * Problem: Subsystem: REPORTS In version: 2.0
 Report using alternate file prints records out of order.
 (File is probably messed up.)
- * (File was converted from an IDEAS1 data file.)

How to
recreate:

Problem resolution:

Date fixed: 71382 In version: 2.1 R&D Contact: Tracy Brown X4566

Modules affected: ID62PBX4

Description of problem resolution:

ID62PBX4 LINE 1725.

Should be:

```

1725 MAT RE DIM E2$(J8)D3,E$(J8)C,E3$(J8)E
      : MAT SUR(E2$( ) TO E3$( ),E$( )
      : MAT RE DIM E3$(J8)D3
      : MAT MOVE E2$( ),E$( ) TO E3$( )
      : MAT RE DIM E$(E8)1,E2$(250)9,E3$(24)83
      : IF F7+X>=J9 THEN STR(E3$( ),1992)=HEX(00)
      : ELSE STR(E3$( ),1992)=STR(E2$( ),1992)           <new statement>
      : DATA SAVE DA 1#06,(F7,F7)E3$( )
      : IF VAL(STR(E2$( ),1992))<D9 THEN 1785
      : MAT SEARCHD$( ),>=STR(E3$( ),,D3) TO F9$STEP J6   <change>

```

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 238 Priority 3 Status 4 Date reported 70682
 Reported by: Small World Enterprise Reference number:

Problem: Subsystem: REPORTS In version: 2.0
 When running a report, F\$() is re-dimensioned in JDS2PRX4 at
 LINE 1835. May sometimes crash in subroutines at 0556 if not
 re-dimensioned to correct length.

How to
 recreate:

Problem resolution:

Date fixed: 70682 In version: 2.1 R&D Contact: Ed Thibeault

Modules affected: JDS2PRX4

Description of problem resolution:

At beginning of LINE 1945 in JDS2PRX4 ADD MAT REDIM F\$(E9)1;etc.
 Release 2.1 reads:

1945 UN JEGU10 1865 ,1915
 : RETURN

Should be:

1945 MAT RE DIM F\$(E9)1
 : UN JEGU10 1865 ,1915
 : RETURN

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Isolete

Problem number 839 Priority 3 Status 4 Date reported 70482
Reported by: Small World Enterprise Reference number:

Problem: Subsystem: REPORTS In version: 2.0
In generated report, length of report on LINE 1002 is always 1600.

How to recreate:

Problem resolution:

Date fixed: 92982 In version: 2.1 R&D Contact: Ed Thibeault

Modules affected: IDSEPROS

Description of problem resolution:

IDSEPROS LINES 1180 AND 1220.

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 840 Priority 2 Status 4 Date reported 70682
 Reported by: Small World Enterprise Reference number:

Problem: Subsystem: REPORTS In version: 2.0
 ERROR A04 in IDSEPRX3 - DEFFN 71 is called without RETURN=.

How to
 recreate:

Problem resolution:

Date fixed: 70182 In version: 2.1 R&D Contact: FHC

Modules affected: IDSEPRX3

Description of problem resolution:

IDSEPRX3 LINES 1580 - 1616 CHANGED.

Release 2.0 reads:

```

1580 DEFFN 71
      : FOR I=1 TO F0
      : CONVERT STR(E$(I),INT (VAL (STR (E2$(I),2),2)/16),VAL (E2$(I))) TO F1
      : ERROR F(1)=0
1600 NEXT I
      : GOTO 1680

```

Should be:

```

1580 GOSUB 71
      : GOTO 1680
1592 DEFFN 71
      : FOR I=1 TO F0
      : CONVERT STR(E$(I),INT (VAL (STR (E2$(I),2),2)/16),VAL (E2$(I))) TO F1
      : ERROR F(1)=0
1610 NEXT I
      : RETURN

```

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Uncomplete

Problem number 841 Priority 3 Status 4 Date reported 70682
Reported by: Harvey Dobbs Reference number:

Problem: Subsystem: BATCH In version: 2.0
Branch to an operation in reports and batch branches to wrong
operation - one too many.

How to
recreate:

Problem resolution:
Date fixed: 70682 In version: 2.1 R&D Contact: Tracy Brown X4566

Modules affected: IDS2PP19

Description of problem resolution:

IDS2PP19 LINES 3050,3060 AND 3090.

<p>Old statement:</p> <p>3050 ... MAT SEARCH E3\$,... 3060 IF F9\$>HEX(0000) THEN ... IF Q<250 THEN 3100 (rest of statement) 3090 ... MAT SEARCH E2\$,=STR(... Add new statement -- IF F9\$>HEX(0000) THEN Q=INT((VAL(F9\$,2)+8)/9) (rest of statement)</p>	<p>New statement:</p> <p>3050... MATSEARCHE3\$,... IF F9\$>HEX(0000) THEN... 3060 IF Q<250 THEN 3100 (rest of statement) 3090 MAT SEARCH E2\$,=STR(... (rest of statement)</p>
---	--

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 842 Priority 3 Status 4 Date reported 70182
Reported by: Saudi Telephone Reference number:

- Problem: Subsystem: UTILITIES In version: 2.0
IC file utilities - IDEAS IC files are not real WANG IC files.
If record length is >80, other utilities (eg- 3741 utilities)
may not handle them correctly.

How to
recreate:

Problem resolution:

Date fixed: 101582 In version: X28 R&D Contact: Alan (schetter X4107

Modules affected: All IC mods

Description of problem resolution:

The diskette of IC fixes given to ISS contains fixes. Modules
ID52PU05 - ID52PU14 and ID52SL05 and ID52SU07 are needed.

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 243 Priority 3 Status 4 Date reported 7/28/82
Reported by: Small World Enterprise Reference number:

Problem: Subsystem: SCREENS In version: 2.0
Documentation for read a record - if 'FILE # X' is used,
file name is blank in documentation.

How to
recreate:

Problem resolution:
Date fixed: 0 In version: 2.1 R&D Contact: Chuck Wilson

Modules affected:

Description of problem resolution:

Fixed in Release 2.1

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 844 Priority 3 Status 4 Date reported 7/0/82
Reported by: Small World Enterprise Reference number:

Problem: Subsystem: REPORTS In version: 2.0
Record selection documentation -
PRINTS - A Description for A Garbage
B Description for K Garbage etc.

How to
recreate:

Problem resolution:
Date fixed: 9/2/82 In version: 2.1 R&D Contact: Tracy Brown X4566

Modules affected: 1052PR35

Description of problem resolution:
1052PR35 - LINES 1150,1350 (SOURCE)

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 845 Priority 3 Status 4 Date reported 70882
 Reported by: Small World Enterprise Reference number:

Problem: Subsystem: SCREENS In version: 2.0
 If screen is compressed, when it is revised, it may over-write
 next file.

How to
 recreate:

Problem resolution:

Date fixed: 81182 In version: 2.1 R&D Contact: Tracy Brown 84566

Modules affected: 1052P504

Description of problem resolution:

1052P504 - LINE 1830 REM OUT DATA SAVE DA STATEMENTS (ALL THREE)

Release 2.0 reads:

1830 GOSUB 171

: DATA SAVE DA I#D1, (E3, X)E3()

: DATA SAVE DA I#D1, (X, X)E2()

: DATA SAVE DA I#D1, (X, X)E3()

: GOSUB 2010

: S=2

Should be:

1830 GOSUB 171

: GOSUB 2010

: S=2

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 846 Priority 3 Status 4 Date reported 71282
 Reported by: Small World Enterprise Reference number:

Problem: Subsystem: REPORTS In version: 2.0
 System flag 1 is not set until after first record is read.
 Operation conditional on this flag are not performed.

How to
 recreate:

Problem resolution:

Date fixed: 71382 In version: 2.1 R&D Contact: Tracy Brown X4566

Modules affected: IDSZPRX3 IDSZPRX6

Description of problem resolution:

```
IDSZPRX3 - LINE 1455 ADD F6$(2)="Y"
IDSZPRX6 - LINE 1450 ADD F6$(2)="Y"
e.g. - IDSZPRX3 - 1455 E$=STR(D$( ),C4)
      :J=SGN(D5)
      :I=VAL(STR(E1$(C8),12))
      :F6$(2)="Y"      <<new line>>
      :IF D6=2 THEN GOSUB 67(C8,E$,0)
      :ELSE GOSUB 59(... etc.
      (rest of statement)
```

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 847 Priority 3 Status 4 Date reported 71282
Reported by: Small World Enterprise Reference number:

v Problem: Subsystem: REPUR'S In version: 2.0
Documentation for 'Read a record' crashes in IDB2P532 at
LINE 1010 at SIR(C9\$,VAL...)

How to
recreate:

Problem resolution:

Date fixed: 0 In version: 2.1 R&D Contact: Chuck Wilson

Modules affected:

Description of problem resolution:

Fixed in Release 2.1

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 848 Priority 2 Status 4 Date reported 71682
 Reported by: John Proulx Reference number:

Problem: Subsystem: REPORTS In version: 2.0
 If sort work file uses more than one block of keys, report
 prints all records, then re-prints records from second bucket
 in sort work file.

How to
 recreate:

Problem resolution:

Date fixed: 71682 In version: 2.1 R&D Contact: Tracy Brown 84566.

Modules affected: IDS2PBX4

Description of problem resolution:

IDS2PBX4 LINE 1725 (compressed). After IF F7+8>=,,, statement,
 Add :ELSE STR(E3#,1992)=STR(E2#,1992)

Also, change last statement on LINE 1725:

Old statement- MAT SEARCH D#,>=STR(E2#,
 New statement- MAT SEARCH D#,>=STR(E3#,
 ↑↑↑↑↑

Should be:

```

1725 MAT RE DIM E2#(J8)D3,E#(J8)2,E3#(J8)2
      : MAT SURTE2#() TO E3#(),E#()
      : MAT RE DIM E3#(J8)D3
      : MAT MOVE E2#(),E#() TO E3#()
      : MAT RE DIM E#(E8)1,E2#(250)9,E3#(24)83
      : IF F7+8>=J9 THEN STR(E3#(),1992)=HEX(00)
      : ELSE STR(E3#(),1992)=STR(E2#(),1992) <new statement>
      : DATA SAVE DA 1#06,(F7,F7)E3#()
      : IF VAL(STR(E2#(),1992))<D9 THEN 1785
      : MAT SEARCHD#(),>=STR(E3#(),,D3) TO F9#STEP J6 <change>
    
```

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 849 Priority 3 Status 5 Date reported 7/16/82
Reported by: John Proulx Reference number:

Problem: Subsystem: REPORTS In version: 2.0
if no disks are available when creating a sort work file,
HEX(PF)'s appear in field for disk address, and system beeps
continuously.

How to
recreate:

Problem resolution:

Date fixed: 8/11/82 In version: 2.1 R&D Contact: Tracy Brown X4566

Modules affected: IDSCPBX2

Description of problem resolution:

IDSCPBX2 has been changed to check disk several times, and print
an error message if no disks are available.

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 851 Priority 3 Status 4 Date reported 71682
 Reported by: John Proulx Reference number:

Problem: Subsystem: REPORTS In version: 2.0
 When printing report, Crashes in IDS2PRX4 with ERROR P34 at
 LINE 0497. H is a six digit number.
 (NOTE: Specifying sort criteria using 3 key specs)

How to
 recreate:

Problem resolution:
 Date fixed: 80982 In version: 2.1 RND Contact: Tracy Brown X4514

Modules affected: IDS2PRX4

Description of problem resolution:

```
IDS2PRX4 - LINE 1034 First statement:
  F5#=STR(E$( ),1486,VAL(STR...)) should be F5#=STR(E$( ),1486,5)-
Release 2.0- 1034 F5#=STR(E$( ),1486,VAL(STR(E$( ),151))-48)
      : E#="ABCDE"
      : IFF5#=STR(E#,,LEN(F5#)) THENJO,JB=1
      : ELSEJO,JB=0
Should be- 1034 F5#=STR(E$( ),1486,5)
      : E#="ABCDE"
      : IFF5#=STR(E#,,LEN(F5#)) THENJO,JB=1
      : ELSEJO,JB=0
```

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 852 Priority 3 Status 4 Date reported 71682
Reported by: John Proulx Reference number:

Problem: Subsystem: REPORTS In version: 2.0
Same report as in BUG #851, if four sort keys are specified,
report prints 18 blank records.

How to
recreate:

Problem resolution:
Date fixed: 80382 In version: 2.1 R&D Contact: Tracy Brown 84506

Modules affected: JDS2PBX4

Description of problem resolution:

JDS2PBX4 - same as bug #851
(See detailed description of fix provided there)

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 854 Priority 3 Status 5 Date reported 80982
Reported by: Tracy Brown Reference number:

Problem: Subsystem: PROGRAMS In version: 2.0
in 'Read a record' copy field to field or P/F 1 copy field to
field, generated subroutine allows max. of 256 bytes for copy.

How to
recreate:

Problem resolution:

Date fixed: 81382 In version: 2.1 R&D Contact: Tracy Brown X4566

Modules affected: ID52PP27 ID52PP15

Description of problem resolution:

ID52PP27 LINES 2130-2140 for 'Read a record'
ID52PP15 LINES 1038-1070 for 'Copy' P/F.

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 855 Priority 3 Status 4 Date reported 72782
Reported by: John Kelly Reference number:

Problem: Subsystem: REPORTS In version: 2.0
A report sorts correctly on vendor # (the key) or zip code,
but not both.

How to
recreate:

Problem resolution:

Date fixed: 80982 In version: 2.1 R&D Contact: Tracy Brown X4566

Modules affected: JDS2PBX4

Description of problem resolution:

Same as bug #851 -- fix is in JDS2PBX4 LINE 1034.
(See detailed description of fix provided there)

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 859 Priority 1 Status 4 Date reported 72182
 Reported by: John Proulx Reference number:

Problem: Subsystem: PROGRAMS In version: 2.0
 Type of data file, Changing key for record and re-saving, gives
 blank record when recalled.
 NOTE: Using standard ACD program (that's the problem)

How to
 recreate:

Problem resolution:

Date fixed: 91082 In version: 2.1 R&D Contact: Ed Thibeault

Modules affected: 1052SUB4

Description of problem resolution:

1052SUB4 - LINE 797 - AFTER GOSUB 768 ADD :V=K
 LINE 830 - CHANGE F5#=F3# TO IF V=K THEN F5#=F3#;ELSE F5#=F

Should be:

```

0797 IF J>0 THEN F#( )=STR(E#( ),J, FN 2(13))
      : GOSUB 0768
      : V=K
      : IF MOD(T,4)>1 THEN F5#,F3#=STR(F1#(K),FN P( ))
      (rest of statement)
0830 IF J>0 AND E4#( )<>F1#(V) OR J=3 THEN GOSUB 0636
      : X=SGN(PUS(HEX(0205)=STR(E1#(V),12)))+1
      : IF J<3 AND E4#( )<>F1#(V) OR J=0 THEN GOSUB 0635
      : IF Q=0 THEN 0853
      : IF V=K THEN F5#=F3#
      : ELSE F3#=F5#
  
```

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 860 Priority 3 Status 4 Date reported 80482
 Reported by: Tracy Brown Reference number:

Problem: Subsystem: REPORTS In version: 2.0
 Archiving of reports does not copy all lines of mask out to archived file.

How to recreate:

Problem resolution:

Date fixed: 80582 In version: 2.1 R&D Contact: Tracy Brown X4566

Modules affected: 1052PR52 1052PR53

Description of problem resolution:

1052PR52 LINE 1220 and 1052PR53 - LINE 1225

..... Z=ABS(INT(...

J=ABS(INT(...

U=MAX(1,ABS(INT(-9*U/249)))

↑↑↑↑↑↑

↑

(new portion of statement)

(end of statement in 1052PR52, rest of statement in 1052PR53)

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 861 Priority 3 Status 4 Date reported 80182
Reported by: Greg Turnquist (CSS) Reference number:

Problem: Subsystem: UTILITIES In version: 2.0
Crashing in record dump utility at LINE 1680 with ERR P57

How to
recreate:

Problem resolution:
Date fixed: 82382 In version: 2.1 R&D Contact: FHC

Modules affected: IOS2P020

Description of problem resolution:

Same as bug #830. See fix there

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 882 Priority 3 Status 4 Date reported 80982
Reported by: Greg Turnquist (CES) Reference number:

Problem: Subsystem: REPORTS In version: 2.0
Customer has a report which prints 1600 records; first 16 are
out of sequence, rest seem to be OK.

How to
recreate:

Problem resolution:
Date fixed: X0182 In version: 2.1 R&D Contact: Tracy Brown X4566

Modules affected: ID82PRX4 ID82PRX3 ID82PRX4

Description of problem resolution:

Probably fixed with all our sort fixes

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 863 Priority 3 Status 4 Date reported 80982
 Reported by: Small World Enterprise Reference number:

Problem: Subsystem: REPURIS In version: 2.0
 Indirect copy in reports does not work.

How to recreate:

Problem resolution:
 Date fixed: 81082 In version: 2.1 R&D Contact: Tracy Brown X4566

Modules affected: IDSE2SUB1 IDSE2PP15

Description of problem resolution:

```

IDSE2PP15 LINE 2000:
2000 E4$( )=E4$( )&HEX(9A)&"14B(.....
      :E4$( )=E4$( )&HEX(9A)&"14B(.....
      :IF PLUS("RB" = STR(R3$(1),0,1)) > 0 THEN E4$( )=E4$( )&"E0$=E9$(1)"&
      HEX(8BE1) & "(20)" & HEX(8A)
      :E4$( )=E4$( )&HEX(9A)&"165(.....
(Third statement is new)
0409 Q=0 <new statement>
      : W=MIN(8,M)*3
      : GOSUB 0969
      : A=N
      : UN 06010 0409
    
```

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 864 Priority 3 Status 4 Date reported 8/1/82
Reported by: NML (via ARI) Reference number:

Problem: Subsystem: REPORTS In version: 2.0
'215' is sometimes in printer list and sometimes not. If it is
not in the list, you cannot change the default (which is 215)
to '215'.

How to
recreate:

Problem resolution:
Date fixed: 9/29/82 In version: 2.1 R&D Contact: Ed Thibeault

Modules affected: JDS2PRX0

Description of problem resolution:

JDS2PRX0 LINE 1160 - \$UPEN should branch to 1170 if not avail.

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 866 Priority 3 Status 4 Date reported 811Xc
Reported by: John Proulx Reference number:

Problem: Subsystem: REPORTS In version: 2.0
Banner output on reports - sometimes prints garbage in record
selection listing.

How to
recreate:

Problem resolution:

Date fixed: 92/82 In version: 2.1 R&D Contact: Tracy Brown. X4566

Modules affected: IDS2PRX2

Description of problem resolution:

IDS2PRX2 - LINES 1705,1725 (SOURCE)

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 867 Priority 2 Status 5 Date reported 81682
 Reported by: Harvey Dobbs (via CSS) Reference number:

Problem: Subsystem: REPORTS In version: 2.0
 Crashing at 497 with invalid pointers.
 Occurs if SUR1 key contains type 7 field following a type 4 field.

How to
 recreate:

Problem resolution:

Date fixed: 81682 In version: 2.1 R&D Contact: Tracy Brown X4506

Modules affected: IDSEPBX2

Description of problem resolution:

IDSEPBX2 - LINE 1195 (COMPRESSED), 9th statement--
 IF C3>0 THEN I=4 should be IF C3>0 AND I<4 THEN I=4
 Should be:

```

1195 Z=LEN(STR(E1#,1))/56
      : E1#(Z)=STR(F5#,8)&" "&STR(E1#(VAL(STR(E1#(C1),10),2)),10,2)&
      : 08)&STR(E1#(C1),13)
      : STR(E1#(7),28,15)=ALL (00)
      : FOR I=1 TO 5
      : IF E#(1485+I)=" " THEN I=60
      : E#=STR(E#(),160+(VAL(E#(1485+I))-65)*6,6)
      : L=VAL(STR(E#,3))
      : I=INT(MOD(VAL(F#,2),16)/2)
      : IF C3>0 AND I<4 THEN I=4 <changed>
      : IF C4>0 THEN I=7
      : IF I<4 THEN C2=C2+L
  
```

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Ubsolute

Problem number 268 Priority 2 Status 5 Date reported 81582
Reported by: CBS Reference number: 001235

Problem: Subsystem: SCREENS In version: 2.0
If screen has been compressed, and then is revised so that
output file requires more room, file which follows old screen
file is overwritten.

How to
recreate:

Problem resolution:
Date fixed: 81682 In version: 2.1 R&D Contact: Ed Thibeault

Modules affected: JDSEPS04

Description of problem resolution:

JDSEPS04 LINES 1840-1860 (SOURCE), LINE 1830 (COMPRESSED)
ELIMINATE ALL THREE DATA SAVE DA STATEMENTS.

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 869 Priority 3 Status 4 Date reported 81882
Reported by: Tracy J. Brown, Inc. Reference number:

Problem: Subsystem: UTILITIES In version: 2.0
Application Install - Installing to a single diskette using a
reference file. Utility creates two 170-sector scratched JUNK
files on output diskette.

How to
recreate:

Problem resolution:

Date fixed: 90182 In version: 2.1 R&D Contact: Alan Ischetter 84007

Modules affected: IDSEFU18

Description of problem resolution:

IDSEFU18

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 871 Priority 3 Status 4 Date reported 81882
 Reported by: Wendy (CSS) Reference number:

Problem: Subsystem: REPORTS In version: 2.0
 record selection is specified based on a field from FILE # 2.
 Position in generated code is incorrect (based on FILE # 1)

How to recreate:

Problem resolution:
 Date fixed: 92082 In version: 2.1 R&D Contact: Ed Thibeault

Modules affected: 1052PR21

Description of problem resolution:

```

1052PR21 LINE 1630 -- Change "1234567" to "01234567"
1630 DEFPN 71(Q)
: IFE$(Q)="V" THEN 1780
: M=PUS("ABCDEFGHJKLMNO"=E$(Q))
: CONVERTE(PUS("01234567"=E$(X(1+M)))-1+INT(VAL(STR(E$(X(1596+M*6)
↑↑↑↑↑↑↑↑
: CONVERT(VAL(STR(E$(X(1598+M*6)))/E$(X(####)
(rest of statement)
    
```

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 872 Priority 3 Status 4 Date reported 82382
 Reported by: ART Super Software, Inc Reference number:

Problem: Subsystem: REPORTS In version: X27
 ID52PRX0 - "Printer not avail., press EXEC to continue". Pressed
 EXEC and crashed with an S17 ERROR at LINE 1160 (SOURCE)

How to
 recreate:

Problem resolution:

Date fixed: 82382 In version: 2.1 R&D Contact: Tracy Brown X4566

Modules affected: ID52PRX0

Description of problem resolution:

```

ID52PRX0 - LINE 1480 -
1480 IF I=5 THEN GOSUB(45)(14," ")
      :ELSE STR(E$,I*3+170),18-I*3)=STR(E$,I*3+1704,15-I*3)
                                     ↑↑↑↑↑↑↑
      :GOTO 1440
  
```

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 874 Priority 3 Status 4 Date reported 82682
Reported by: Tracy Brown Reference number:

Problem: Subsystem: UTILITIES In version: 2.0
IC Utilities - Bytes 46 and 47 of E18() entry are not set up
correctly. In this case they should be HEX(0080) but are
HEX(00B7).

How to
recreate:

Problem resolution:

Date fixed: 90182 In version: X28 R&D Contact: Alan Ischetter X4007

Modules affected: 1052PU05 1052PU07

Description of problem resolution:

Fix is long. Acquire 1052PU05 and 1052PU07.

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 875 Priority 3 Status 4 Date reported 82682
Reported by: Tracy Brown Reference number:

Problem: Subsystem: UTILITIES In version: X27
Created IC file using X27 (internal rel.), coming back from IC -
Error message: IC file is damaged.

How to
recreate:

Problem resolution:

Date fixed: 90182 In version: 2.1 R&D Contact: Alan Eschetter X4007

Modules affected: JDSZPU08

Description of problem resolution:

JDSZPU08

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 876 Priority 3 Status 4 Date reported 82482
Reported by: Alan Tschetter Reference number:

Problem: Subsystem: REPORTS In version: 2.0
At execution time, message says 'Sorting is 100% done' then
another message says 'Sort file is full as if something is
wrong.'

How to
recreate:

Problem resolution:
Date fixed: 90982 In version: 2.1 R&D Contact: Tracy Brown X4666

Modules affected: IDSEPBX4

Description of problem resolution:

IDSEPBX4 CHANGE LINE 1785 IN RELEASE 2.0, LAST STATEMENT SHOULD BE:
IF F7<J9 OR X=100 THEN RETURN
↑↑↑↑↑↑↑↑

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 877 Priority 3 Status 4 Date reported 90882
 Reported by: Greg Furnquist (CBS) Reference number:

Problem: Subsystem: GLOBAL In version: 2.0
 Date conversion to Julian does not take into account leap years.
 (Dates greater than 2/29 will be off by one.)

How to
recreate:

Problem resolution:
 Date fixed: 90982 In version: 2.1 R&D Contact: Ed Thibeault

Modules affected: ID82SUB7

Description of problem resolution:

ID82SUB7 - LINE 3805 EXCHANGE IF R=5 ... WITH IF MOD(T,4)...

Should be:

```

3805 H=1
      : T=INT(D/365.25)
      : P,R=D-INT(365.25*(T+1))-365
      : T=MOD(T,100)
      : IF R=5 THEN D=1*1E3+R
      : IF MOD(T,4)=0 AND R>59 THEN R=R-1
      : CONVERT D TO E$, (#####)
      : F9$=BIN(R,2)
      : MAT SEARCH(@E4$(1)<4>, >=STR(F9$,2) TO F9$STEP 5
      : M=FN J(4)/5
      : CONVERT T TO F9$, (##)
      : IF M=2 THEN R=F
      : IF M>1 THEN R=R-VAL(STR(@E4$(M-1),4),2)
      : CONVERT M TO E4$, (##)
      : F3$=STR(@E4$(M),3)
  
```

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 879 Priority 3 Status 4 Date reported 10/28/82
Reported by: Jim Jeffrey (via JOB) Reference number:

Problem: Subsystem: UTILITIES In version: 2.0
Utility to expand a data file does not expand the alternate files.

How to recreate:

Problem resolution:
Date fixed: 10/28/82 In version: 2.1 R&D Contact: Alan Eschetter X40017

Modules affected:

Description of problem resolution:

Fixed as of Release X27.

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 881 Priority 2 Status 4 Date reported 92082
 Reported by: Wendy MacGown (CSS) Reference number:

Problem: Subsystem: UTILITIES In version: 2.0
 BATCH SCREEN UPDATE: If associated data file is an alternate,
 ID52P561 Crashes at LINE 1270 with ERROR X75.
 (NOTE: STR(E\$,93,4) is all blanks.)

How to
 recreate:

Problem resolution:

Date fixed: 100582 In version: 2.1 R&D Contact: Joel Launton X4541

Modules affected: ID52P561

Description of problem resolution:

ID52P561 - Move CONVERT STR(E\$,93,4) statement on line 1270 to line
 1290, inserting above E\$()=STR(E\$,499)

Release 2.0 reads:

```
1270 CONVERT STR(E$,10,1) TO X
      : CONVERT STR(E$,93,4) TO F7
      : IF X<5 THEN 1290
      : F5$=STR(E$,82,8)
      : GOTO 1230
1290 E$()=STR(E$,499)
      : MAT RE DIM E$(249)6
      (rest of statement)
```

Should be:

```
1270 CONVERT STR(E$,10,1) TO X
      : IF X<5 THEN 1290
      : F5$=STR(E$,82,8)
      : GOTO 1230
1290 CONVERT STR(E$,93,4) TO F7
      : E$()=STR(E$,499)
      : MAT RE DIM E$(249)6
      (rest of statement)
```

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 882 Priority 1 Status 4 Date reported 102082
Reported by: Jim Jeffrey, NML, etc. Reference number:

Problem: Subsystem: UTILITIES In version: 2.0
Release all records mangles data files.

How to
recreate:

Problem resolution:
Date fixed: 102082 In version: 2.1 R&D Contact: Joel Taunton X4543

Modules affected:

Description of problem resolution:

Fixed as of release X27. Line 1360 reads $Y=A+(J1-J1*06+04+(J2-1)*02)$.
Preceding "04" you must insert "J1*", so that this reads $J1*04$. Make
the same change in line 1420.
Release 2.0 reads:

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 887 Priority 3 Status 4 Date reported 10/04/82
 Reported by: Frank Carr Reference number:

Problem: Subsystem: SCREENS In version: 2.0
 After editing data files on first screen, skip back keys are
 turned off for any other editing.

How to
 recreate:

Problem resolution:
 Date fixed: 10/21/82 In version: X28 R&D Contact: Tracy Brown X4566

Modules affected: IDSEPS01

Description of problem resolution:

IDSEPS01 (SOURCE) LINE 1735.

```

1730 GOSUB 1630 "EXEC=Accept EDI", "F=Modify top boxes (1-17=Files
      -14=Attributes (31=Cancel", " ")
      : STR(F6$( ), 12, 2) = "YY" (new statement).
      : GOSUB 134 (250)
      : IF Q=33 THEN J2=1
      : IF Q=33 THEN 1610
      : IF Q>0 AND Q<8 THEN 1830
      : IF Q>7 AND Q<15 THEN 1840
      : IF Q=31 THEN LOAD 1#2, "IDSEPS01" 1000 ,
      : IF Q<>32 THEN 1730
      : ELSE Q=J2
      : PACK (####) E$ FROM F1()

```

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 2838 Priority 0 Status 4 Date reported 100482
Reported by: Frank Carr Reference number:

Problem: Subsystem: SYSTEM In version: 2.0
Last date used is never set upon entering system.
It should be set at date entry screen>

How to
recreate:

Problem resolution:

Date fixed: 102182 In version: X28 R&D Contact: Tracy Brown X4566

Modules affected: IDSEPOO2 IDSEPOO6 IDSEPIX1 IDSEPIX8

Description of problem resolution:

IDSEPOO2, IDSEPOO6, IDSEPIX1, IDSEPIX8.

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 889 Priority 2 Status 4 Date reported 100482
Reported by: Frank Carr Reference number:

Problem: Subsystem: UTILITIES In version: X27
Cross-reference utility - IDS2PS94 STOP AT LINE 1002.

How to
recreate:

Problem resolution:
Date fixed: 100482 In version: X28 R&D Contact: Chuck Wilson

Modules affected: IDS2PS94

Description of problem resolution:

IDS2PS94 - Get rid of STOP AT LINE 1002.

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 890 Priority 0 Status 4 Date reported 101482
Reported by: Tracy Brown Reference number:

Problem: Subsystem: UTILITIES In version: X27
Application install crashes immediately on Disk D22 - PRK P55
at LINE 87.

How to
recreate:

Problem resolution:
Date fixed: 101482 In version: 2.1 R&D Contact: Alan Ischetter 34007

Modules affected: JDS2MLVA

Description of problem resolution:

JDS2MLVA

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 891 Priority 0 Status 4 Date reported 10148z
Reported by: Tracy Brown Reference number:

Problem: Subsystem: UTILITIES In version: X27
Data file conversion utility crashes in local mode -
Subroutines are cleared out.

How to
recreate:

Problem resolution:
Date fixed: 10148z In version: X28 R&D Contact: Alan Eschetter X4007

Modules affected: IDSEPCMN IDSEPC01

Description of problem resolution:

The IDEAS generated module IDSEPCMN was revised so that it loads
IDSEPC02 instead of IDSEPC01. IDSEPC01 was eliminated.

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 894 Priority 3 Status 5 Date reported 101082
Reported by: Brown Reference number:

Problem: Subsystem: DATA FILES In version: 2.0
IDS2PF10 ERR P56 @ LINE 1450. Type 1 data file with only one
key field.

How to
recreate:

Problem resolution:

Date fixed: 102082 In version: 2.1 R&D Contact: Tracy Brown 84566

Modules affected: IDS2PF09 IDS2PF10

Description of problem resolution:

IDS2PF09, IDS2PF10

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem: Subsystem: UTILITIES In version: 2.1
 File dump utility - ERR P34 in IDS2PU20.

How to Data files with problem were sent.
 recreate:

Problem resolution:
 Date fixed: 122082 In version: 2.2

Modules affected: IDS2PU17

Description of problem resolution:

```

IDS2PU17 LINE 1010 (COMPRESSED) - add fifth statement
IDS2PU17 LINE 1270 (COMPRESSED) - delete third statement
1010 IF F6$(17)["":"THEN SELECT @PART"IDS2SUBM"
      : COM D0,D1,D2,D3,D4,D5,D6,D7,D8,D9,D1$(254)1,D3$8,D2$32
      : D3$,F2$,E$=STR(E$(),2,8)
      : D2=SGN(VAL(E$(422)))+SGN(VAL(E$(425)))+SGN(VAL(E$(428)))+SGN(
      : E$(431)))+SGN(VAL(E$(434)))
      : D1=VAL(E$(413)) [new statement]
      : INIT (00)D1$()
      : FOR I=1TO D2
      : STR(D1$(I),I,1)=STR(E$(I),419+3*I,1)
      : NEXT I
      : D2$,FO$=STR(E$(),22,32)
1270 H=H+INT((POS(-STR(E2$()),275,128)[]20)-1)/8)+1
      : UNPACK (####)STR(E2$(),405,2)TO D0
      : REM D1=VAL(E2$(413)) [get rid of this statement]
      : D3=0
      : MAT RE DIM E2$(332)6
      : FOR I=1TO INT((POS(-STR(E2$()),499)[]00)-1)/6)+1
      [rest of statement]

```


Problem: Subsystem: REPORTS In version: 2.1
Generated report program - last sector is generated without
HEX(FF) leading to ERROR D88 when program is loaded.

How to Sample report is included.
recreate:

Problem resolution:
Date fixed: 122082 In version: 2.2

Modules affected: IDS2PP06 IDS2PR19

Description of problem resolution:

IDS2PP06 AND IDS2PR19 LINE 2030 (COMPRESSED)
Complete fix is shown for IDS2PR19.
Same fix should be made to IDS2PP06.

Release 2.1 reads:

```
2030 IF F8$()=HEX(20FE)THEN 2060
      : IF POS(F8$()=FE)[244THEN 2050
      : F8$(1)=HEX(00)
      : STR(F8$(),POS(F8$()=FE))=HEX(0D0000FD)
      : DATA SAVE BA T#3,(E4,E4)F8$()
      : F8$()=HEX(20FF)
      : GOTO 2060
```

Should read:

```
2030 IF F8$()=HEX(20FE)THEN 2060
      : IF POS(F8$()=FE)[240 THEN 2050           [change this statement]
      : F8$(1)=HEX(00)
      : STR(F8$(),POS(F8$()=FE))=HEX(0D0000FD)
      : DATA SAVE BA T#3,(E4,E4)F8$()
      : F8$()=HEX(20FF)
      : GOTO 2060
```

Problem: Subsystem: REPORTS In version: 2.1
Report documentation for operations - ERROR P37 in IDS2PR36
LINE 1520.

How to
recreate:

Problem resolution:
Date fixed: 122082 In version: 2.2

Modules affected: IDS2PR36

Description of problem resolution:

IDS2PR36

Add the following statement at LINE 1005:

1005 IF F6\$(17)[":": "THEN SELECT @PART"IDS2SUBM"

Problem: Subsystem: PROGRAMS In version: 2.1
Compiling a program. If existing program file is too small,
system hangs in infinite loop when trying to scratch and rename
old program file. (Looping in program IDS2PP31)

How to
recreate:

Problem resolution:
Date fixed: 122082 In version: 2.2

Modules affected: IDS2PP31

Description of problem resolution:

IDS2PP31

IDS2PP31 ADD LINE 2060

2020 F5\$=E9\$(POS(" P R B"=STR(R3\$(1),6,1)))

: LIMITS T#4,F5\$,A,B,C,D

: Y=D

: IF Y[]THEN 2070

: S=E4-E3+1

: SAVE T#4,(S-1)F5\$1000 ,1000

: ERROR GOSUB '38(132," ")

: F6\$(11)="N"

: GOSUB '34(250)

: GOTO 2300

2060 GOTO 2020

[add this statement after LINE 2020]

Problem: Subsystem: REPORTS In version: 2.1
Documentation - Printing 'Printer not available...' in place
of edit type.

How to
recreate:

Problem resolution:
Date fixed: 121682 In version: 2.2

Modules affected: IDS2PR36

Description of problem resolution:

IDS2PR36

IDS2PR36 LINES 1360-1430 AND 1470 CHANGE REFERENCES TO E\$ TO F0\$

For example, Line 1370 in Rel 2.1 reads:

```
1370 E$="set field(s)"
      : F9$="37"
      : GOTO 1660
```

It should be:

```
1370 F0$="set field(s)"
      : F9$="37"
      : GOTO 1660
```

LINE 1470 should read:

```
1470 F5$="IDS2PS"&F9$
      : CONVERT VAL(E$(78))-31 TO F9$, (##)
      : E4$()="Operation "&HEX(22)&STR(E$(),15,8)&HEX(22)&" ("&F9$&") "
      & F0$ [change from E$ to F0$]
      : EO$()=HEX(01)
      : D6=D6+1
      [rest of statement]
```

Problem: Subsystem: EDITS In version: 2.1
 Documentation for Table lookup/replace sometimes prints in
 expanded print and hangs up.

How to
 recreate:

Problem resolution:
 Date fixed: 10282 In version: 2.2

Modules affected:

Description of problem resolution:

IDS2PS35

IDS2PS35 LINE 1010 AND 2110 COMPRESSED

LINE 1010 and 2110 - add statements as noted below:

1010 IF F6\$(17)["!"THEN SELECT @PART"IDS2SUBM"

: E\$,FO\$=" "

: F5\$=STR(E\$(),98)

: IF F5\$["!"THEN 1030

: GOSUB '48(0,"No look-up field - use the same replace table elem
 nt as last table look-up",0)

: E\$=" "

: GOSUB 3320

: E\$ = " "

[add this statement]

: GOTO 2000

2110 X=INT(L/MAX(C4,C0))

: Z=MAX(C4,C0)

: FOR J=1TO X

: E\$=STR(F\$(),J*Y-Y+1,Y)

: IF VAL(E0\$()+Y[80]THEN 2140

: GOSUB 3320

: E\$=STR(F\$(),J*Y-Y+1,Y)

[add this statement]

Problem: Subsystem: REPORTS In version: 2.1
Reports - fix put into Rel. 2.1 causes first line of second page to be printed at bottom of first page, and so on throughout report.

How to Report has lines per page = 50, 43 actual lines per page
recreate: followed by 8 line feeds after last line. (Also happens w/ 43 l/p

Problem resolution:
Date fixed: 21183 In version: 2.2

Modules affected: IDS2PRX4

Description of problem resolution:

IDS2PRX4

IDS2PRX4 LINE 1690 reads in Release 2.1:

1690 A=1

```
: IF C2=1 THEN UNPACK (##)STR(E$,6) TO A
: B=INT(A/10)
: A=MOD(A,10)
: STR(E0$( ),,1)=BIN(LEN(E0$( )))
: IF F6+B+1+A]F2 AND C2=1 AND F2] THEN A=MAX(0,F2-F6-B-1)
: E6$=BIN(X)
: MAT SEARCHE2$( ) [8,F3], =STR(E$,5,1) TO E4$( ) STEP 9
: Y=0
```

Change sixth statement to:

```
IF F6+B+1+A]F2 AND C2=1 AND F2] THEN A=MAX(0,F2-F6-B)
(get rid of -1 at end of statement)
```

Problem: Subsystem: UTILITIES In version: 2.1
Convert to TC file - if data file and control file are in
different disks, field names entered under record selection
are not recognized.

How to
recreate:

Problem resolution:
Date fixed: 30383 In version: 2.2

Modules affected: IDS2PU05

Description of problem resolution:

IDS2PU05

LINE 1890 AND 1900 change references to variable J6 to C7
(one reference in each line)

e.g. - 1890 should be:

```
1890 REM %VALIDATE FIELD
      : MAT RE DIM E3$(24)83
      : DATA LOAD DA T#C7,(C8+8)E3$()
      :           !! [change J6 to C7 as shown]
      : MAT SEARCHE3$(,)=STR(E$,,8) TO D1$ STEP 8
      : IF D1$]HEX(0000) THEN 1900
      : F=F-1
      : GOSUB '38(34,STR(E$,,8))
      : REM Field # does not exist. Please re-enter
      : RETURN
```

Problem: Subsystem: GLOBAL In version: 2.1
Numeric keys which pack to HEX(FFFF) are not found by
sequential processing.

How to
recreate:

Problem resolution:
Date fixed: 31183 In version: 2.2

Modules affected: IDS2SUB8

Description of problem resolution:

IDS2SUB8

Release 2.1 reads:

```
3940 E$=STR(E3$(),FN J(0),O)&BIN(H,2)&F9$
      : IF POS(STR(E$,,L)[FF])OTHER 3948
      : DATA LOAD DA T#D,(H-VAL(STR(E1$(V),45))+8+8*VAL(E3$()))EO$()
      : F9$=SUB CHEX(09)
      : Q=2
      : GOSUB '73
      : ON QGOTO 3948
```

It should be:

```
3940 E$=STR(E3$(),FN J(0),O)&BIN(H,2)&F9$
      : IF POS(STR(E$,,L)[FF])OTHER 3948
      : DATA LOAD DA T#D,(H-VAL(STR(E1$(V),45))+8+8*VAL(E3$()))EO$()
      : F9$=SUB CHEX(09) SUBCBIN(E) [change this statement]
      : Q=2
      : GOSUB '73
      : ON QGOTO 3948
```


Problem number 934 Priority 3 Status 5 Date reported 41583
 Reported by: H.J.L, via ART Reference number:

Problem: Subsystem: TC utilities In version: 2.1
 When bringing records back from a TC file to a type three file
only the first of a set of records with duplicate keys gets moved.

How to
recreate:

Problem resolution:
 Date fixed: 41583 In version: D22

Modules affected: IDS2PLU08

Description of problem resolution:

```

1290 REM XWRITE TO IDEAS2 FILE (This is the new code, statement 3)
: REM IF FILE TYPE IS 3 THEN ALWAYS ADD RECORD
: IF STR(E1$(C3),12,1)=HEX(03)THEN 1291
: STR(D$( ),,C4)=STR(F$( ),,C4)
: GOSUB 1300
: F6$(14)="N"
: GOSUB '41(C1$,D2$( ),.5)
: F=0
: IF Q>0THEN GOSUB 1320
: IF F=1 THEN RETURN *** See bug number 939 for change here ***
: STR(F$( ),,C4)=STR(D$( ),,C4)

```

```

1291 GOSUB '42(C1$,0) (This is a new line; always write type 3 rec)
: RETURN

```

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 935 Priority 1 Status 5 Date reported 41983
Reported by: HJL, via ART Reference number:

Problem: Subsystem: TC Utilities In version: 2.1
When making a TC file, if the last IDEAS record has just caused
a TC sector to be written, then this last TC sector will be
overwritten with control characters and spaces, and lost.

How to
recreate:

Problem resolution:
Date fixed: 41983 In version: 2.2

Modules affected: IDS2PU06

Description of problem resolution:

In IDS2PU06, line 1200, make the D2=0 test the first test by moving
IF D2=0 THEN 1240 so that it's the second statement, as below.

```

1200 D4=INT((C4*D6-1)/240)+D7
      : IF D2=0 THEN 1240 ***** This should be here instead of later
      : IF D2<=80 THEN 1210 because later it never gets executed
      : IF D2<=160 THEN 1220
      : STR(E2$( ),165,1)=BIN(D2-160)
      : STR(E2$( ),2,1)=BIN(6+D2)
      : GOTO 1230

```

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete



Problem number 936 Priority 1 Status 5 Date reported 42283
Reported by: ART Reference number:

Problem: Subsystem: TC Utilities In version: 2.1
Sometimes completely blank records are moved to the TC file,
which causes the TC record count to be larger than the IDEAS
file record count, and causes problems moving records from the

How to TC file back to the IDEAS file.
recreate:

Problem resolution:
Date fixed: 42283 In version: 2.2

Modules affected: IDS2PU06

Description of problem resolution:

OLD:

```

1030 GOSUB '62(C1$,1,0)
: IF Q=0THEN 1170
: IF J4>J5THEN 1160
: IF J4=J5AND C4>240THEN 1160
: IF F$(<>)" *THEN GOSUB 1040 *** This statement changes ***
: IF STR(E6$(),,VAL(STR(E1$(V),24)))>C9$(2)THEN 1170
: GOTO 1030

```

delete ←

NEW:

```

1030 GOSUB '62(C1$,1,0)
: IF Q=0THEN 1170
: IF J4>J5THEN 1160
: IF J4=J5AND C4>240THEN 1160
: IF STR(F$(),,C4)<>" *THEN GOSUB 1040 *** New statement ***
: IF STR(E6$(),,VAL(STR(E1$(V),24)))>C9$(2)THEN 1170
: GOTO 1030

```

add ←

This insures that only the record itself (length C4) is tested as to
whether or not it is blank.

Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete



Problem number 938 Priority 1 Status 5 Date reported 42283
 Reported by: HJL, via ART Reference number:

Problem: Subsystem: TC Utilities In version: 2.1
 Conversion from TC will crash with a P56 if there is more than one alternate file.

How to
recreate:

Problem resolution:
 Date fixed: 42283 In version: 2.2

Modules affected: IDS2PU14

Description of problem resolution:

OLD:

```

3000 REM XGET H,E, AND G
      : MAT SEARCHSTR(D$( ),275,128),=HEX(2020202020202020)TO D1$STEP 56
      : D4=-1+(VAL(D1$,2)+55)/56 ** This and the above line change **
      : IF D4=-1THEN D4=16
      : REM # OF VOLs + ALTS
      : CONVERT STR(D$( ),217,1)TO H
      : H=H+D4
  
```

NEW:

```

3000 REM XGET H,E, AND G
      : MAT SEARCHSTR(D$( ),275,128),=HEX(2020202020202020)TO D1$STEP 8
      : D4=-1+(VAL(D1$,2)+7)/8 * This and the above line have changed *
      : IF D4=-1THEN D4=16
      : REM # OF VOLs + ALTS
      : CONVERT STR(D$( ),217,1)TO H
      : H=H+D4
  
```

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 939 Priority 1 Status 5 Date reported 42283
 Reported by: HJL, via ART Reference number:

Problem: Subsystem: TC Utilities In version: 2.1

When moving records from a TC file to an IDEAS file if one chooses the option to choose to not overwrite some existing records then those records will be left protected in the IDEAS f

How to
recreate:

Problem resolution:

Date fixed: 42288 In version: 2.2

Modules affected: IDS2PU08

Description of problem resolution:

OLD:

```

1290 REM ZWRITE TO IDEAS2 FILE
: REM IF FILE TYPE IS 3 THEN ALWAYS ADD RECORD
: IF STR(E1$(C3),12,1)=HEX(03)THEN 1291
: STR(D$( ),,C4)=STR(F$( ),,C4)
: GOSUB 1300
: F6$(14)="N"
: GOSUB 41(C1$,D2$( ),-5)
: F=0
: IF G>0THEN GOSUB 1320
: IF F=1 THEN RETURN ***** change to IF F=1 THEN 1291 *****
: STR(F$( ),,C4)=STR(D$( ),,C4)

```

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 940 Priority 1 Status 5 Date reported 42783
 Reported by: ART Reference number:

Problem: Subsystem: Batch progs In version: 2.1
 If a "Copy Batch Program" fails and one must cancel, in some cases a subsequent "Batch Program Revision" can cause sectors 25-33 of the disk index to be overwritten.

How to
 recreate:

Problem resolution:
 Date fixed: 42783 In version: 2.2

Modules affected: IDS2PR23

Description of problem resolution:

OLD:

```

1010 IF F6$(17)<"*" THEN SELECT @PART*IDS2SUBM"
      : C9#=E9$(J0)
      : PRINT HEX(OF);AT(15,6);BOX(1,67);" Please enter the new file na
      e for the copied ";
      : IF C5$="R" THEN PRINT "report mask"
      : ELSE PRINT "program"
      : STR(E2$(2),7,1)=HEX(80)
      : F6$(11)="N" ) **** Add this statement to disable cancel ****
1050 GOSUB '34(2)
      : IF VAL(E6$)=31 THEN 1510 ) *Add this statement to branch on cancel*
      : IF E$<>" " THEN 1070
      : GOSUB '35("Required field - You must enter a value")
      : GOTO 1050
  
```

Add the same statement (IF VAL(E6\$)=31 THEN 1510) immediately after the '34 calls on lines 1090 and 1105.

 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete

Problem number 941 Priority 1 Status 5 Date reported 51383
 Reported by: Shaw, via Lee, via ART Reference number:

Problem: Subsystem: TC utilities In version: 2.1
 The IDEAS-to-TC utility did a find first > HEX(00), which causes
 SUB8 to skip keys of field type 5 or 6 which start with numerics
 and find the first record with a key with alpha characters.

How to Actually, SUB8 should be fixed so that it works as one would
 recreate:expect.

Problem resolution:
 Date fixed: 51383 In version: 2.2

Modules affected: IDS2PU05

Description of problem resolution:

```

1400 : IF C9$(1)=" " THEN C9$(1)=ALL (00) ** Remove this statement **
      : IF C9$(2)=" " THEN C9$(2)=ALL (FF)

      : MAT RE DIM E3$(249)8
      : IF F6$(17)<>HEX(60) THEN 1410
      : F0$="IDS2SUB1IDS2SUB2IDS2SUB3IDS2SUB4IDS2SUB5IDS2SUB6IDS2LOCLID
      2PU05"
      : LOAD T#2,<8>F0$
    
```



 Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
 Other: 0. Misunderstanding 7. Request 8. Obsolete



Problem number 943 Priority 1 Status 5 Date reported 51383
Reported by: Shaw, via Lee, via ART Reference number:

Problem: Subsystem: TC utilities In version: 2.1
When moving records back from a TC file, IDEAS does not check to see if the IDEAS file is full.

How to recreate:

Problem resolution:
Date fixed: 51383 In version: 2.2

Modules affected: IDS2PLU08

Description of problem resolution:

1291 GOSUB '42(C1\$,0)
: IF Q=0THEN GOSUB 1292 *** Add this statement ***
: RETURN

1292 : J1=D4+1 * Add line 1292. Statement forces end of processing ***
: F6\$(14)="Y" *** Turn error messages on ***
: GOSUB '38(168," ") *** Display file full message ***
: KEYIN E6\$
: IF E6\$(<)>HEX(1F)THEN 1292 *** Check for CANCEL key ***
: RETURN



P34



Status: 1. Reported 2. Confirmed 3. Assigned 4. Fixed 5. Fixed/tested
Other: 0. Misunderstanding 7. Request 8. Obsolete



ERRONEOUS

10. A problem that caused VERIFY to report nonexistent errors in alternate indexed files has been corrected. The change fixes the record length identifiers in work files to be sorted. (Informally reported.)
11. In the VS25 and VS45, @SYSSVC@ better handles dismount operations on 2270V4 diskette drives. As a result of this change, the software properly updates the maximum capacity information after a soft-sectored diskette is dismounted and ensures spool, work, paging, and secure status are not saved across IPLs for diskettes mounted on 2270V4 drives.

2200 IDEAS 2.1
FIXES
 by 2200 R&D

Release 2.1 of IDEAS2 was released in January, with many enhancements and corrections. However, there have been a few problems peculiar to Release 2.1, and these have been addressed by the IDEAS2 development team. The following are 10 corrections that you should make to the code in Release 2.1 if you are having the problems indicated.

SUBSYSTEM: UTILITIES

File dump utility - ERR P34 in IDS2PU20.

Module Affected: IDS2PU17

Description of Problem Resolution

IDS2PU17 LINE 1010 (compressed) - add fifth statement
 LINE 1270 (compressed) - delete third statement

```

1010  IF F6$(17)<"↑" THEN SELECT @PART"IDS2SUBM"
      :COM D0, D1, D3, D4,D5,D6,D7,D8,D9,D1$(254)1, D3$8,D2$32
      :D3$,F2$,E$=STR(E$( ),2,8)
      :D2=SGN(VAL(E$(422)))+SGN(VAL(E$(425)))+SGN(VAL(E $(428)))+SGN(E$(
      431)))+SGN(VAL(E$(434)))
      :D1=VAL(E$(413))          (new statement)
      :INIT (00)D1$( )
      :FORI=1TO D2
      :STR(D1$( ),I,1)=STR(E$( ), 419+3*I,1)
      :NEXT I
      :D2$,FO$=STR(E$( ),22,32)
1270  H=H+INT([POS(-STR(E2$( ),275,128)<>20)-1)/8)+1
      :UNPACK (####)str(E2$( ),405,2) TO DO
      :REM D1=VAL(E2$(413)) [delete this statement]
      :D3=0
      :MAT RE DIM E2$(332)6
      :FOR I=1to INT ((POS(-STR(E2$( ),499)[100]-1)/6)+1
      (rest of statement)
  
```

SUBSYSTEM: REPORTS

Generated report program - the last sector is generated without HEX(FF) leading to ERROR D88 when the program is loaded.

Modules affected: IDS2PP07, IDS2PR19

Description of Problem Resolution

IDS2PP06 and IDS2PR19 line 2030 (compressed)

Complete fix is shown for IDS2PR19

Same fix should be made to IDS2PP06

Release 2.1 reads:

```
2030 IF F8$()=HEX(20FE) THEN 2060
      :IF POS(F8$()=FE)<244 THEN 2050 [Change this statement]
      :F8$(1)=HEX(00)
      :STR(F8$(),POS(F8$()=FE))=HEX(OD0000FD)
      :DATA SAVE BA T#3,(E4,E4)F8$()
      :F8$()=HEX(20FF)
      :GOTO 2060
```

It should read:

```
2030 IF F8$()=HEX(20FE) THEN 2060
      :IF POS(F8$()=FE)<239 THEN 2050 [to this]
      :F8$(1)=HEX(00)
      :STR(f8$(),POS(F8$()=FE))=HEX(OD0000FD)
      :DATA SAVE BA T#3, (E4,#4)F8$()
      :F8$()=HEX(20FF)
      :GOTO 2060
```

SUBSYSTEM: REPORTS

Report documentation for operations - ERROR P37 in IDS2PR36 line 1520

Module affected: IDS2PR36

Description of Problem Resolution

IDS2PR36 - add the following statement at Line 1005:

```
1005 IF F6$(17)<"↑" THEN SELECT @PART"IDS2SUBM"
```

SUBSYSTEM: PROGRAMS

Compiling a program. If the existing program file is too small, the system hangs in an infinite loop when it tries to scratch and rename an old program file. (Looping in program IDS2PP31)

Module affected: IDS2PP31

Description of Problem Resolution

IDS2PP31 - add LINE 2060

```
2020 F5$=E9$(POS(" P R B"=STR(R3$(1),6,1)))
      :LIMITS T#4,F5$,A,B,C,D
      :Y=D
      :IF Y <> 0 THEN 2070
      :S=E4-E3+1
      :SAVE T#4,(S-1)F5$1000,1000
      :ERROR GOSUB '38(132,"↑")
      :F6$(11)="N"
      :GOSUB '34(250)
      :GOTO 2300
```

2060 GOTO 2020 [add this statement after LINE 2020]

SUBSYSTEM: REPORTS

Documentation - Printing "printer not available..." in place of edit type

Module affected: IDS2PR36

Description of Problem Resolution

IDS2PR36 - in lines 1360-1430 and 1470 change references to E\$ to F0\$
For example, line 1370 in release 2.1 reads:

```
1370 E$="set field(s)"
      :F9$="37"
      :GOTO 1660
```

It should read:

```
1370 F0$="set fields(s)"
      :F9$="37"
      :GOTO 1660
```

Line 1470 should read:

```
1470 F5$="IDS2PS"&F9$
      :CONVERT VAL (E$(78))-31 TO F($,(##)
      :E4$()='OPERATION "&HEX(22)&STR(E$( ),15,8)&HEX(22)&"("&F9$&")"
      &F0$ [change from E$ to F0$]
      :EO$()=HEX(01)
      :D6=D6+1
```

(rest of statement)

SUBSYSTEM: EDITS

Documentation for Table lookup/replace sometimes prints in expanded print and hangs up

Module affected: IDS2PS35

Description of Problem Resolution

IDS2PS35 LINE 1010 and 2110 (compressed)

Line 1010 and 2110 - add statements as noted below:

```

1010 if F6$(17)<"↑"THEN SELECT @PART"IDS2SUBM"
      :E$,FO$=' '
      :F5$=STR(E$( ),98)
      :GOSUB '48(0,"No look-up field - use the same replace table element
      as last table lookup",0)
      :E$=" "
      GOSUB 3320
      :E$=" "          (Add this statement)
      :GOTO 2000
2110 X=INT(L/MAX(C4,C0))
      :Z=MAX(C4,C0)
      :For J=1TO X
      :E$=STR(F$( ),J*Y-Y+1,Y)
      :IF VAL (EO$( ))+Y< 80 THEN 2140
      :GOSUB 3320
      :E$=STR(F$( ),J*Y-Y+1,Y)      (Add this statement)

```

SUBSYSTEM: REPORTS

Reports - the fix put into Release 2.1 causes the first line of the second page to be printed at the bottom of the first page, and so on throughout the report

How to recreate: Report has lines per page = 50, 43 actual lines per page followed by 8 line feeds after last line. (This also happens with 43 lines per page.)

Module affected: IDS2PRX4

Description of Problem Resolution

IDS2PRX4 LINE 1690 reads in Release 2.1:

```

1690 A=1
      :IF C2=1THEN UNPACK (##)STR(E$,6) to A
      :B=INT(A/10)
      :A=MOD(A,10)
      :STR(EO$( ),,1)=BIN(LEN(EO$( )))
      :IF F6+B+1+A> F2AND C2=1AND F2>0THEN
      A=MAX(0,F2-F6-B-1)
      :E6$=BIN(X)
      :MAT SEARCHE2$( )<8,F3> ,=STR
      (E$,5,1) to E4$( )STEP 9
      :Y=0

```

Change sixth statement to:

```
IF F6+B+1+A> F2AND C2=1AND F2>0 THEN A=MAX(0,F2-F6-B)
```

(remove -1 at end of statement)

SUBSYSTEM: UTILITIES

Convert to TC file - if the data file and control file are in different disks,
field names entered under record selection are not recognized

Module affected: IDS2PU05

Description of Problem Resolution

IDS2PU05 LINE 1890 and 1900 - change references to variable J6 to C7 (one
reference in each line)

For example, 1890 should read:

```
1890 REM %VALIDATE FIELD
      :MAT RE DIM E3$(24)83
      :DATA LOAD DA T#C7, (C8+8)E3$( )
          !! [change J6 to C7 as shown]
      :MAT SEARCHE3$( ),=STR(E$, ,8) TO D1$ STEP 8
      :IF D1$>HEX(0000) THEN 1900
      :F=F-1
```

(rest of statement)

SUBSYSTEM: GLOBAL

Numeric keys which pack to HEX(FFFF) are not found by sequential processing.

Modules affected: IDS2SUB8

Description of Problem Resolution

IDS2SUB8 Release 2.1 reads:

```
3940 E$=STR(E3$( ),FNJ(0),0)&BIN(H,2)&F9$
      :IF POS(STR(E$, ,L)<FF)>OTHER 3948
      :DATA LOAD DA T#D,(H-VAL(STR(E1$(V),45))+8+8*VAL
      (E3$( )))E0$( )
      :F9$=SUBC HEX(09)
      :Q=2
      :GOSUB '73
      :ON QGOTO 3948
```

It should be:

```
3940 E$=STR(E3$( ),FNJ(0),0)&BIN(H,2)&F9$
      :IF POS(STR(E$, ,L)<FF)>OTHER 3948
      :DATA LOAD DA T#D,(H-VAL(STR(E1$(V),45))+8+8*VAL(E3$( )))E0$( )
      :F9$=SUBC HEX(09) SUBC BIN(E) [change this statement]
      :Q=2
      :GOSUB '73
      :ON QGOTO 3948
```

SUBSYSTEM: UTILITIES

Conversion to TC Format misses records.

Module affected: IDS2PU06

Description of Problem Resolution

IDS2PU06 Line 1200 now reads:

```
1200 D4=INT((C4*D6-1)/240))+D7
      :IF D2<=80 THEN 1210
      :IF D2<=160 THEN 1220
      :IF D2=0 THEN 1240 (This should be the second statement)
(rest of statement)
```

It should be changed to:

```
1200 D4=INT((C4*D6-1)/240))+D7
      :IF D2=0 THEN 1240
      :IF D2<=80 THEN 1210
      :IF D2<=160 THEN 1220
(rest of statement)
```

background, however, the job cancels with unpredictable error messages.

REFERENCES

The VS EZQUERY Reference Manual (800-1129-02) containing Release 2.07.00 information will be available early in Quarter 1, Fiscal '84. It describes the use of EZQUERY and contains information about the changes and enhancements made in this release.

The Software Release Notice contains information about package contents, installation instructions, software corrections, installation and use of the demo package, and other related information.

The VS EZQUERY Data Sheet (800-2113-01) is also available.

2200 IDEAS 2.1
FIXES (PART 2)
by 2200 R&D

A list of 10 problem corrections to IDEAS 2.1 was published in the May 30, 1983 issue of the FOCUS magazine. The following seven corrections are an addition to that list and should be made to the Release 2.1 code if you are having the problems indicated.

SUBSYSTEM: TC UTILITIES

When bringing records back from a TC file to a type three file, only the first record in a set of records with duplicate keys gets moved.

Module Affected: IDS2PU08

Description of Problem Resolution:

1290 REM %WRITE TO IDEAS2 FILE (This is the new code, statement 3)

```
: REM IF FILE TYPE IS 3 THEN ALWAYS ADD RECORD
: IF STR(E1$(C3),12,1)=HEX(03) THEN 1291
: STR(D$( ),,C4)=STR(F$( ),,C4)
: GOSUB 1300
: F6$(14)='N'
: GOSUB '41(C1$,D2$( ),.5)
: F=0
: IF Q 0 THEN GOSUB 1320
: IF F=1 THEN RETURN
: STR(F$( ),,C4)=STR(D$( ),,C4)
```

```
1291 GOSUB '42(C1$,0) [THIS IS A NEW LINE:ALWAYS WRITE TYPE
3 REC]
: RETURN
```

SUBSYSTEM: TC UTILITIES

Sometimes completely blank records are moved to the TC file, which causes the TC record count to be larger than the IDEAS file record count, and causes problems moving records from the TC file back to the IDEAS file.

Module Affected: IDS2PU06

Description of Problem Resolution:

OLD:

```
1030 GOSUB '62(C1$,1,0)
: IF Q=0 THEN 1170
: IF J4 J5 THEN 1160
: IF J4=J5 AND C4 240 THEN 1160
: IF F$( ) " " THEN GOSUB 1040
***ABOVE STATEMENT CHANGES***
: IF STR(E6$( ),,VAL(STR(E1$(C),24))) C9$(2) THEN 1170
:GOTO 1030
```

NEW:

```
1030 GOSUB '62(C1$,1,0)
: IF G=0 THEN 1170
: IF J4 J5 THEN 1160
: IF J4=J5 AND C4 240 THEN 1160
: IF STR(F$( ),,C4) " " THEN GOSUB 1040 ***NEW STATEMENT***
: IF STR(E6$( ),,VAL(STR(E1$(V),24))) C9$(2) THEN 1170
: GOTO 1030
```

This ensures that only the record itself (length C4) is tested for whether or not it is blank.

SUBSYSTEM: TC UTILITIES

Conversion from TC will crash with a P56 error, if there is more than one alternate key file.

Module Affected: IDS2PU14

Description of Problem Resolution:

OLD:

```
3000 REM $GET H,E, AND G
: MAT SEARCH STR(D$( ),275,128),=HEX(20202020202020) TO
D1$STEP 56 ***CHANGE THIS STMT AND THE NEXT***
: D4=-1+(VAL(D1$,2)+55)/56
: IF D4=-1 THEN D4=16
: REM # OF VOLs +ALTS
: CONVERT STR(D$( ),217,1) TO H
: H=H+D4
```



```

NEW:
3000 REM %GET H,E, AND G
: MAT SEARCHSTR(D$( ),275,128),=HEX(20202020202020) TO
  D1$STEP 8 ***These 2 statements have now changed***
: D4=-1+(VAL(D1$,2)+7)/8
: IF D4=-1 THEN D4=16
: REM # OF VOLS + ALTS
: CONVERT STR(D$( ),217,1) TO H
: H=H+D4

```

SUBSYSTEM: TC UTILITIES

When moving records from a TC file to an IDEAS file, if you choose the option to not overwrite some existing records, those records will be left protected in the IDEAS file.

Module Affected: IDS2PU08

Description of Problem Resolution:

```

OLD:
1290 REM %WRITE TO IDEAS2 FILE
: REM IF FILE TYPE IS 3 THEN ALWAYS ADD RECORD
: IF STR(E1$(C3),12,1)=HEX(03) THEN 1291
: STR(D$( ),,C4)=STR(F$( ),C4)
: GOSUB 1300
: F6$(14)="N"
: GOSUBSUB 41(C1$,D2$( ),.5)
: F=0
: IF Q 0 THEN GOSUB 1320
: IF F=1 THEN RETURN *** should be IF F=1 THEN 1291***
: STR(F$( ),,C4)=STR(D$( ),,C4)

```

SUBSYSTEM: BATCH PROGRAMS

If a "Copy Batch Program" fails and you cancel it, in some cases a subsequent "Batch Program Revision" can cause sectors 25 through 33 of the disk index to be overwritten.

Module Affected: IDS2PR23

Description of Problem Resolution:

```

OLD:
1010 IF F6$(17) " " THEN SELECT
@PART"IDS2SUBM"
: C9$=E9$(J0)
: PRINT HEX(OF);AT(15,6);BOX(1,67;"PLEASE ENTER THE NEW
  FILE NAME FOR THE COPIED";
: IF C5$="R" THEN PRINT"REPORT MASK"
: ELSE PRINT "PROGRAM"
: STR(E2$(92),7,1)=HEX(80)

```

```

: F6$(11)="N" ***add this statement to disable cancel***
1050 GOSUB '#$(2)
: IF VAL(E6$)=31 THEN 1510 *add this statement to branch on
cancel*
: IF E$      " " THEN 1070
: GOSUB "35("REQUIRED FIELD - YOU MUST ENTER A VALUE")
: GOTO 1050
add the same statement (IF VAL(E6$)=31 THEN 1510)
immediately after the '34 calls on lines 1090 and 1105

```

SUBSYSTEM: TC UTILITIES

The IDEAS-to-TC utility did a FIND FIRST greater than HEX(00), which causes SUB8 to skip keys of field type 5 or 6 that start with numerics and to find the first record with a key that has alpha characters.

Module Affected: IDS2PU05

Description of Problem Resolution:

```

1400 IF C9$(1)=" " THEN C$(1)=ALL(00)*remove this statement*
: IF C9$(2)=" " THEN C9$(2)=ALL (FF)
: MAT REDIM E3$(249)8
: IF F6$(17)      HEX(60) THEN 1410
: FO$="IDS2SUB1IDS2SUB2IDS2SUB3IDS2SUB4IDS2SUB5IDS2SUB6
IDS2LOCLID2PU06"
:LOAD T#2, 8      FO$

```

SUBSYSTEM: TC UTILITIES

When moving records back from a TC file, IDEAS does not check to see if the IDEAS file is full.

Module Affected: IDS2PU08

Description of Problem Resolution:

```

1291 GOSUB '42(C1$,0)
: IF Q=THEN GOSUB 1292 ***add this statement***
: RETURN
1292 J1=D4+1 ***add line 1292. This statement forces end of
processing.***
: F6$(14)='Y'***TURN ERROR MESSAGES ON***
: GOSUB '38(168,"") ***DISPLAY FILE FULL MESSAGE***
: KEYIN E6$
: IF E6$      HEX (1F) THEN 1292 *** check for cancel key***
:RETURN

```

Several problems with Release 2.1 of IDEAS2 have been addressed by the IDEAS2 development team. The following corrections should be made to the code in IDEAS2 Release 2.1 if you are having the problem indicated.

INTERACTIVE PROGRAMS

Problem: When compiling a program, if the existing program file is too small, IDEAS2 hangs in an infinite loop while trying to scratch and rename the old program file.

Circumvention: In module IDS2PP31, add a line 2060 that contains only the statement 'GO TO 2020'.

REPORTS

Problem: In a generated report program, the last sector is generated without a HEX(FF), leading to ERR D88 when the program is loaded.

Circumvention: In modules IDS2PP06 and IDS2PR19, the second statement on line 2030 is 'IF POS(F8\$()=FE) < 244 THEN 2050'. Change the '244' in that statement (both modules) to '239'.

Problem: Report documentation for operations crashes with ERR P37 in IDS2PR36 line 1520.

Circumvention: In IDS2PR36, add line 1005 as follows:
1005 IF F6\$(17) < "+" THEN SELECT @PART"IDS2SUBM"

Problem: Report documentation prints "printer not available..." in place of the edit type.

Circumvention: In IDS2PR36, lines 1370-1430 and 1470 change all E\$ references to F0\$. For example, line 1370 in Release 2.1 reads:

1370 E\$="set field(s)"	1370 F0\$="set fields(s)"
:F9\$="37"	:F9\$="37"
:GOTO 1660	:GOTO 1660

NOTE: The two references to E\$() in line 1470 should not be changed.

Problem: In a report, the first line of the second page is printed at the bottom of the first page, and so on throughout the report.

Circumvention: In IDS2PRX4, the sixth statement is IN LINE 1030 'IF F6+B+1+A ... THEN A=MAX(0,F2-F6-B-1)'. The last expression, 'F2-F6-B-1', should be changed to 'F2-F6-B' (remove -1 at the end of the statement).

(continued)

2200 IDEAS2
RELEASE 2.1
PROBLEM FIXES
 (continued)

EDITS

Problem: Documentation for Table lookup/replace sometimes prints in expanded print and hangs up.

Circumvention: In module IDS2PS35, line 1010, add the statement 'E\$=" "' after the GOSUB 3320. In line 2110, add the statement 'E\$=STR(FS()),J*Y-Y+1,Y)' after the GOSUB 3320.

BATCH PROGRAMS

Problem: If the "Copy a Batch Program" utility fails and you cancel back to the menu, in some cases a subsequent "Batch Program Revision" can cause sectors 25-33 of the disk index to be overwritten.

Circumvention: In IDS2PR23, insert the statement 'F6\$(11)="N"' as the last (seventh) statement on line 1010. Insert the statement 'IF VAL(E6\$)=31 THEN 1510' after the statement 'GOSUB 34...' on lines 1050, 1090, and 1105.

TC UTILITIES

Problem: The file dump utility crashes with ERR P34 in module IDS2PU20.

Circumvention: In module IDS2PU17, 'D1=VAL(EZ\$(413))' is the third statement on line 1270. Delete it from that line and add it as the fifth statement on line 1010.

Problem: When converting an IDEAS2 file to TC format, if the data file and control file are on different disks, field names entered under the record selection criteria are not recognized.

Circumvention: In IDS2PU05, change all references to variable J6 in lines 1890 and 1900 to C7. For example, the second statement in 1890 and the first in 1900 should be changed to read 'DATA LOAD DA T#C7 ...'.

Problem: Conversion to TC Format misses records.

Circumvention: In IDS2PU06, the fourth statement in line 1200, 'IF D2=0 THEN 1240' should be the second statement.

Problem: Sometimes completely blank records are moved to the TC file, which causes the TC record count to be larger than the IDEAS file record count, and causes problems moving records from the TC file back to the IDEAS file.

Circumvention: In IDS2PU06, the fifth statement is 'IF F\$() < > " " THEN GOSUB 1040'. Change it to 'IF STR(F\$(),,C4) < > " " THEN GOSUB 1040'.

(continued)

2200 IDEAS2
 RELEASE 2.1
 PROBLEM FIXES
 (continued)

TC UTILITIES (continued)

Problem:

1. When bringing records back from a TC file to a type three file (duplicate keys allowed), only the first of a set of records with duplicate keys gets moved.
2. When moving records from a TC file to an IDEAS file if you choose the option to not overwrite some existing records, those records will be left protected in the IDEAS file.
3. When moving records back from a TC file, IDEAS does not check to see if the IDEAS file is full.

Circumvention: In IDS2PU08, line 1290 should be changed and 1291 and 1292 added so that the code looks like this:

```

1290 IF STR(E1$(C3),12,1)=HEX(03) THEN 1291
      : STR(D$( ),,C4)=STR(F$( ),,C4)
      : GOSUB 1300
      : F6$(14)="N"
      : GOSUB '41(C1$,D2$( ),.5)
      : F=0
      : IF Q > 0 THEN GOSUB 1320
      : IF F=1 THEN 1291
      : STR(F$( ),,C4)=STR(D$( ),,C4)

1291 GOSUB '42(C1$,0)
      : IF Q = 0 THEN GOSUB 1292
      : RETURN

1292 J1=D4+1
      : F6$(14)='Y'
      : GOSUB '38(168," ")
      : KEYIN E6$
      : IF E6$ < > HEX (1F) THEN 1292
      : RETURN
  
```

Problem: Conversion from TC file to IDEAS2 file will crash with ERR P56 if there is more than one alternate key file.

Circumvention: The first statement in line 3000 ends with '... TO D1\$STEP 56', and the second statement is 'D4=1+VAL(D1\$,2)+7)/56'. Change the '56' in each statement to an '8'.

MODULE
IDS2PU14

Problem: The IDEAS-to-TC sometimes skips keys of field type 5 or 6 which start with numerics and finds the first record with a key with alpha characters.

Circumvention: In IDS2PU05, remove the first statement in line 1400: 'IF C9\$(1)=" "THEN C9\$(1)=ALL(00)'.

To: Michael Bahia MS014-A3A/LOWELL
From: Torbjorn Sagner
Subject: IDEAS problem on CS386 Date: 10/09/90

IDEAS I 1.6 on 386

Distribution:
Not Requested

Mike, i have received all 10 pages, thanks!
Torbjorn

----- S V A R -----
Till Torbjorn Sagner Fran: Michael Bahia
Ärende: IDEAS problem on CS386 Avsönt: 08-10-90

Torbjorn,
Just completed sending you a 10 page FAX on using TOM's Speed I on the Wang 386. If there is any problem, give me your mailing address and I will mail it out.

Regards, Mike

----- Reply -----
To: Michael Bahia From: Torbjorn Sagner
Subject: IDEAS problem on CS386 Date Sent: 10/08/90

Mike,
Any news about the problems we discussed over phone last week?
Torbjorn

----- S V A R -----
Till Torbjorn Sagner Fran: Michael Bahia
Ärende: IDEAS problem on CS386 Avsönt: 02-10-90

Torbjorn,
Have reproduced your problem correctly & was able to get our software guru to take a look. He has come up with a change to correct this particular problem. In program "IDEAS306" change line 9060 as shown:
before change after change
9060 AND(STR(K\$(1),2,1),80): 9060 AND(STR(K\$(1),2,1)C0):
Q\$="PROG": same
IF STR(K\$(1),2,1)=HEX(80) THEN 9070: same
add - IF STR(K\$(1),2,1)=HEX(40) THEN 9070:
Q\$="DATA" same

This should resolve this particular problem. There may be other areas requiring similar changes. Please let us know how things work out.
Regards,
Mike

----- Reply -----
To: Michael Bahia From: Torbjorn Sagner
Subject: IDEAS problem on CS386 Date Sent: 10/02/90

Mike,
Sorry that i forget how you should have your system configured. You need one global part. and one part. for program run.
example: part size term prog name
1 100 0 Y IDEASVAR (background program for IDEAS)
2 100 1 Y

One more thing you must use BB as an input name because to program file BB there is a datafile bb. If you rename BB you also must rename the datafile ex. BB to BBOLD rename bb to bbold but you don't need to do this if you follow the instruktions in prev. memo.

Better luck this time.

Torbjorn

----- ORIGINALTEXT -----
Till Torbjorn Sagner Fran: Michael Bahia
Ärende: IDEAS problem on CS386 Avsönt: 01-10-90

Torbjorn,
Need to know the configuration your using for partitioning. In running your software came up with error X77 (Illegal Partition Reference) on step 6 & never saw the date screen. Do not know how valid my findings were because of this. Anyway, by keying run after the X77 was able to get the menus referenced in steps 9 & 10. If keyed in file name BB on step 11 would get error X75 (illegal number) immediately on line 126. At this point cleared memory & loaded program BB and saved in OLD format as BBOLD & in NEW format as BBNEW. When reran again got error X77 on step 6, then did a RUN to get the menus. On step 11 keying in BBOLD or BBNEW gave the exact same results, 'File "BBxxx " does not exist. If keyed RETURN again comes back & says 'File "BBxxx " already exists. If the results are not affected by the problems that occurred it would appear the change of filename creates a problem & being in OLD or NEW format may not be a factor. Looks like it may be initially looking for the filename in small letters. Please provide me with the partition configuration & whatever other changes may need to be made to run without error so we can be sure our findings are valid before proceeding further.

If you received a previous Wang Office please excuse me as in trying to attach your original Wang Office I messed up & lost my memo without knowing if it had been sent. Awaiting your reply.

Regards, Mike

Item Subject: Read me first

Hallo Mike,
as you requested i send you the sw for duplication of the problem with IDEAS and converted programs.

The two data files contain IDEAS programs and data and one test menu for duplication of the problem.

File IDEASP-contain programs

File IDEASD-contain data.

1. Install the two diskettes on a clean disk (you can't run from diskette)
2. Select the disk where you have installed the two diskettes
3. Start IDEAS with LOAD RUN "IDEAS"
4. Fill in disk address and press enter
5. Fill in the same disk adress under pf3 to pf6
6. Enter
7. Fill in Date in format yymmdd (swedish format)
8. Enter
9. Pf 9 (App1. menu prog util)
10. Pf1 (App1. menu screen & prog rev. module)
11. Fill in file name BB (BB=test menu)
12. A menu occures on screen and you can do changes, press enter to go back.

Now how to duplicate problem:

1. Go out from IDEAS (Reset and clear)
2. Load program BB
3. Reaname program BB on disk to anything (ex. BBOLD)
4. Save the loaded program in step 2 in converted format (SELECT NEW) with the name BB.
5. Start IDEAS go through step 3 to 11.
6. When you had filled in BB in step 11 IDEAS will respond with an error File "BB " does not exist:

If you have any problems to run or duplicate please call on 8-82 01 80 ext 1278 or send me a W0.

Item Subject: Cover Memo

Torbjorn,

A hex 40 is still a normal VLSI program header block. When converted to NEW format this should have changed to a hex 60. It may be not all of your files have been converted to the new format. It maybe a good idea to send a copy of the software your running back to us with instructions on how to duplicate the problem. Meanwhile, I will forward this information to Tyler C en to see if he may be able to help.

Regards,
Mike

----- Reply -----
To: Michael Bahia
Subject: CS/386 Rel 1.17 package
From: Torbjorn Sagner
Date Sent: 09/25/90

Mike,

We have now tested IDEAS I with OS 1.17 and we got the same result. When we run IDEAS I and try to pick up a menu file for editing found IDEAS not the file. I have tried to locate the problem and get so faar that when Ideas look for the file in index, it check the file for DATA or PROGRAM (D or P). In IDEAS306 program line 9060 it check the the HEX index code 80 for a program file. When you save in new format the index code become hex 40. IDEAS will not accept hex 40 as a index code for a program and will there for respond with FILE NOT FOUND.

If change the program line 9060 so it recognise hex 40 as a program file IDEAS find the file and you can do the editing. Then comes next problem IDEAS save this file in OLD format.

At the customer site we are now going to convert all programs except for menus and start programs and se if we can improve upon performance of the system. If you have any proposals or suggestions, please let me know. Best reg. Torbjorn

----- S V A R -----
Till Torbjorn Sagner
Ärende: CS/386 Rel 1.17 package
Från: Michael Bahia
Avsant: 18-09-90

Awaiting your feedback.

Mike

----- Reply -----
To: Michael Bahia
Subject: CS/386 Rel 1.17 package
From: Torbjorn Sagner
Date Sent: 09/18/90

Mike,

I will try the new version of OS asap and update you with result, it could take same time because i must try this out at customer site.

Thanks for your help so faar.

Torbjorn

From: Michael Bahia
 To: Michael Bahia
 Subject: CS386 HELP ME!!!

MS014-A3A/LOWELL

Date: 09/17/90

Distribution:

Not Requested

if any number other than 1 # sign appears to the left of the decimal point the
 386 may return the wrong number when unpacking. We have a fix in O/S 1.17.
 Let me know if you need it or what kind of problems your having if any.

Regards,
 Mike Bahia
 Product Support

Torbjorn,
 Will send you 386 Maintenance Rel 1.17. Please test against this problem.
 If you are unsure how to remove the 1.17 from Wang Office, Willem Sloep
 of the PRC in the Netherlands or Erwin Findt of the PRC in Germany should be able
 to help as both have already received it.

Talked with Tyler Olsen & he thought there may be a problem if part
 of the IDEAS module being run was in NEW format & part in OLD. Also when
 the D82 occurs, try to determine the address being accessed using either TRACE
 or by the printing the value of the variable representing the disk address in the
 failing load instruction. Save the program at that address may circumvent the
 problem. Try 1.174 first. Please let me know the outcome.

Regards,
 Mike

----- Reply -----

To: Michael Bahia
 Subject: CS386 HELP ME!!!

From: Torbjorn Sagner
 Date Sent: 09/17/90

Mike,
 The problem is the following: When use 386 format on the program files it
 works ok in runtime mode but if you go in to IDEAS and try to modify a
 menu you can't pick up the program from IDEAS, it comes up with error code
 D82 FILE NOT IN CAT. if you do a select old of the program and then try to
 pick it up from IDEAS you get no error.
 Another problem is that the customer run IDEAS I ver. 1.6 and i have got the
 info that IDEAS I not support SCRATCH DISK'.
 Reason for customer to use CS386 is related to big performance problem and
 there was no information of any restrictions regarding IDEAS, KFAM or ISS
 when we (WANG) introduce the 386board, therefor customer was told to by
 a 386 it will solve your performance problem. Now we are deep in this ..
 and the customer is as you can understand not happy.

Best regards
 Torbjorn Sagner

----- ORIGINALTEXT -----

To: Torbjorn Sagner
 Årende: CS386 HELP ME!!!

From: Michael Bahia
 Avsânt: 12-09-90

Torbjorn,
 What kind of problems are you having if any with Ideas or the ISS
 utility. We have recently found a problem with PACK/UNPACK where in the mask

EMMS
IDEAS II DISCREPANCY

Attached is the data to be used to demonstrate and resolve the IDEAS II software discrepancy which results in the loss of data when performing file maintenance. The file with the discrepancy is the Equipment Maintenance Management System (EMMS) application data file called the IPE Inventory Master File which has an IDEASII name of "VDPMSTØ."

IDEASII Documentation

A. Data File

1. File Name: VDPMST00
File Description: IPE Inventory Master File

B. Start Programs

1. Name: EMMSTART
Description: Equipment Maintenance Start Program
2. Name: VSTART
Description: IPE Inventory Start Program
3. Name: VPSRPT00
Description: Start Module For Inventory Reports

C. Menus

1. Name: EMMAINMEN
Description: EMMS Main Menu
2. Name: VMINVI00
Description: EMMS Inventory Menu
3. Name: VMRPTMEN
Description: EMMS Report Frequency Menu
4. Name: VREM9000
Description: EMMS On-Request Inventory Reports Menu

Directions to execute the Equipment Maintenance Management System (EMMS) Application and to demonstrate the IDEASII software discrepancy are as follows:

1. Insert the SEAADSA IDEAS/EMMS software removeable disk cartridge into the D5Ø slot of a 228Ø disk drive unit.
2. Key LOAD RUN T/D5Ø, "IDEAS2" and press the RETURN key. This process will cause the IDEAS Inquiry, Data Entry, and Access System Screen to display.
3. Enter "D5Ø" as the IDEAS system utilities disk address after which the Development Access Security Module will be displayed.
4. Enter a user identification code of "USN" and press the RETURN key causing the IDEAS Primary Program Selection Menu Module screen to be displayed.
5. Select the Applications function by pressing FN'15.
6. Key "EMMSTART" as the file name for the Application to be run causing the EMMS Main Menu to be displayed.
7. Press FN'Ø1 (Maintain IPE Inventory File) to display the EMMS Inventory Menu.
8. Press FN'ØØ (Maintain/Modify IPE Inventory File) to display the Maintain IPE Inventory File Screen. This screen allows entry of an NID which is the unique identifier of each record on the IPE Inventory File (VDPMSTØØ). After entry of an eleven character NID the software will enter either the add or modify mode.
9. Enter a NID that was properly recorded on VDPMSTØØ of "ØØØMPØØØØØ1" causing the display shown in Figure 1 (Maintain IPE Inventory File - No Discrepancy). Note the message at the bottom of the screen of "TOUCH RETURN TO ACCEPT, EDIT TO MODIFY, FN'25 TO DELETE"? This message is always displayed if a record found condition is en-

countered on VDPMST00. Press FN'31 to return to the EMMS Inventory Menu.

10. Press FN'00 from the EMMS Inventory Menu and enter a NID of "00221058417" to demonstrate the data file discrepancy. Entry of this NID will cause all data elements to be displayed as blanks as shown in Figure 2 (Maintain IPE Inventory File Discrepancy) and the message at the bottom of the screen indicating a record found condition on VDPMST00.

11. The same non-discrepancy and discrepancy conditions can be demonstrated using display functions by pressing FN'03 (Display IPE Inventory Record by NID) from the EMMS Inventory Menu. Enter the same NIDs onto the screen as were used in the maintain function.

12. Records stored in VDPMST00 can be printed by executing the following:

a. From the EMMS Main Menu press FN'08 to display the EMMS Report Frequency Menu.

b. Press FN'03 (On-Request Reports-EM900 series) to display the EMMS On-Request Inventory Reports Menu.

c. Press either FN'06 (EM905F IPE Inventory Repory by NID Condensed) or FN'09 (EM910A Abbreviated Inventory Report by NID) to print the IPE Inventory Master File (VDPMST00).

REVISION NUMBER 84
 LAST REVISED 08/20/85
 LAST REVISED BY GMS

VERSION 1
 APPLICATION CODE
 FUNCTION CODE

USER CLASS 0
 USER ID CODE
 PASSWORD

READ USER CLASS = 0 USER ID CODE = WRITE USER CLASS = 0 USER ID CODE =

KEY FILE	E	FIELD	FIELD	FIELD	FIELD	FIELD	Y	K	A	P	A	K	SORT
								E	C	T	T	I	ARRAY
VDPMST00	2	+NID						11	11	2	0	13	187
VDAMST00	6	+ALPHA						5	4	2	0	6	80
VDSHPM00	5	+SHOP	+NID					15	15	2	0	17	315

RECORD STATISTICS: NUMERIC = 0117 RECORDS CURRENTLY ON FILE = 6455
 NO. OF FIELDS = 76 UPPER CASE = 0005 64.55% FULL AS SPECIFIED = 10000
 RECORD LENGTH = 0508 PACKED LENGTH = 450 61.48% FULL AS PROVIDED = 10500

KEY TO FIELD ATTRIBUTE DESCRIPTION COLUMN HEADINGS:

- FIELD = FIELD NAME
- POS = POSITION IN RECORD OF FIRST CHARACTER IN FIELD
- LEN = LENGTH OF FIELD
- T = TYPE OF FIELD AS FOLLOWS:
 - 0 = DIGITS ONLY
 - 1 = DIGITS & SIGAS
 - 2 = DIGITS & DEC PT
 - 3 = ANY NUMERIC
 - 4 = UPPER CASE LETTER
 - 5 = U/C LETTERS & DIGITS
 - 6 = U/C NUMERICS & PUNCT
 - 7 = ANY CHARACTER
- J = JUSTIFICATION (BLANK IF LEFT JUSTIFIED, 'R' IF RIGHT)
- F = FILL CHARACTER FOR RIGHT-JUSTIFIED NUMERICS (ZERO OR BLANK)
- D = NUMBER OF DECIMAL SPECIFIED DECIMAL PLACES (FOR NUMERIC FIELDS)
- U = USER CODE - SPECIFIES THE MINIMUM USER LEVEL FOR ACCESS TO THE FIELD
- SUB OF = IF A SUB-FIELD, THE NAME OF THE PARENT FIELD
- POS = IF A SUB-FIELD, THE STARTING POSITION WITHIN THE PARENT FIELD

FIELD ATTRIBUTES IN ALPHABETIC ORDER FIELD ATTRIBUTES BY POSITION IN RECORD

FIELD	POS	LEN	T	J	F	D	U	SUB OF	POS	FIELD	POS	LEN	T	J	F	D	U	SUB OF	POS
ACQCST	1	7	0	R			0			ACQCST	1	7	0	R			0		
ACTEST	118	1	4				0			CHGDTE	8	6	0	R	0		0		
ALPHA	239	5	4				0			CDTEM	8	2	0	R	0		0	CHGDTE	1
BLDG	123	4	7				0			CDTED	10	2	0	R	0		0	CHGDTE	1
CDTED	10	2	0	R	0		0	CHGDTE	3	CDTEY	12	2	0	R	0		0	CHGDTE	1
CDTEM	8	2	0	R	0		0	CHGDTE	1	DPRDTE	14	6	0				0		
CDTEY	12	2	0	R	0		0	CHGDTE	5	DDTEM	14	2	0	R			0	DPRDTE	1
CERT	119	1	4				0			DDTEY	16	4	0				0	DPRDTE	1
CHGDTE	8	6	0	R	0		0			ESTDTE	20	6	0	R	0		0		
CHRSI	83	7	2	R		1	0			EDTEM	20	2	0	R	0		0	ESTDTE	1
CHRSL	90	7	2	R		1	0			EDTED	22	2	0	R	0		0	ESTDTE	1
CLASS	127	2	7				0			EDTEY	24	2	0				0	ESTDTE	1
COND	129	2	7				0			EXPDTE	26	6	0				0		
CONDA	129	1	7				0	COND	1	XDTEM	26	2	0	R	0		0	EXPDTE	1
CJNDB	130	1	7				0	COND	2	XDTED	28	2	0	R	0		0	EXPDTE	1
DDTEM	14	2	0	R			0	DPRDTE	1	XDTEY	30	2	0				0	EXPDTE	1
DDTEY	16	4	0				0	DPRDTE	3	FREQ	32	1	0				0		
DESC	244	60	7				0			HEIGHT	33	4	0	R			0		
DESCA	244	24	7				0	DESC	1	INSDTE	37	6	0				0		
DESCB	268	36	7				0	DESC	25	IDTEM	37	2	0	R	0		0	INSDTE	1
DPRDTE	14	6	0				0			IDTEY	39	4	0				0	INSDTE	1

FIELD ATTRIBUTES IN ALPHABETIC ORDER

FIELD ATTRIBUTES BY POSITION IN RECORD

FIELD	POS	LEN	T	J	F	D	U	SUB OF	POS	FIELD	POS	LEN	T	J	F	D	U	SUB OF	POS
EDTED	22	2	0	R	0		0	ESTDTE	3	IDTEY1	39	2	0				0	IDTEY	1
EDTEM	20	2	0	R	0		0	ESTDTE	1	IDTEY2	41	2	0				0	IDTEY	3
EDTEY	24	2	0				0	ESTDTE	5	INSCST	43	6	0	R			0		
EQCLASS	304	1	0				0			LENGTH	49	4	0	R			0		
ESTDTE	20	6	0	R	0		0			LIFEYR	53	2	0				0		
EXPDTE	26	6	0				0			RCVDTE	55	6	0				0		
FILLER	305	204	7				0			RDTEM	55	2	0	R	0		0	RCVDTE	1
FLOOR	131	2	7				0			RDTEY	57	4	0				0	RCVDTE	3
FREQ	32	1	0				0			RDTEY1	57	2	0				0	RDTEY	1
FSC	137	8	7				0	PECFSC	5	RDTEY2	59	2	0				0	RDTEY	3
FWG	145	3	7				0			RPLCST	61	7	0	R			0		
FYDHRS	97	7	2	R		1	0			WEIGHT	68	7	0	R			0		
HEIGHT	33	4	0	R			0			WIDTH	75	4	0	R			0		
IDTEM	37	2	0	R	0		0	INSDTE	1	YRMFG	79	4	0				0		
IDTEY	39	4	0				0	INSDTE	3	CHRSI	83	7	2	R		1	0		
IDTEY1	39	2	0				0	IDTEY	1	CHRSL	90	7	2	R		1	0		
IDTEY2	41	2	0				0	IDTEY	3	FYDHRS	97	7	2	R		1	0		
INSCST	43	6	0	R			0			MHRSI	104	7	2	R		1	0		
INSDTE	37	6	0				0			MHRSL	111	7	2	R		1	0		
IPROC	148	6	7				0			ACTEST	118	1	4				0		
KEYFLD	227	1	7				0			CERT	119	1	4				0		
LENGTH	49	4	0	R			0			MTYPE	120	1	4				0		
LIFEYR	53	2	0				0			OPCODE	121	1	4				0		
LPROC	154	6	7				0			PMCODE	122	1	4				0		
MFG	160	24	7				0			BLDG	123	4	7				0		
MFGNO	184	5	7				0			CLASS	127	2	7				0		
MHRSI	104	7	2	R		1	0			COND	129	2	7				0		
MHRSL	111	7	2	R		1	0			CONDA	129	1	7				0	COND	1
MODEL	139	12	7				0			CONDB	130	1	7				0	COND	2
MTYPE	120	1	4				0			FLOOR	131	2	7				0		
NID	228	11	7				0			PECFSC	133	12	7				0		
OPCODE	121	1	4				0			PEC	133	4	7				0	PECFSC	1
PEC	133	4	7				0	PECFSC	1	FSC	137	8	7				0	PECFSC	5
PECFSC	133	12	7				0			FWG	145	3	7				0		
PMCODE	122	1	4				0			IPROC	148	6	7				0		
POWER	201	2	7				0			LPROC	154	6	7				0		
RCVDTE	55	6	0				0			MFG	160	24	7				0		
RDTEM	55	2	0	R	0		0	RCVDTE	1	MFGNO	184	5	7				0		
RDTEY	57	4	0				0	RCVDTE	3	MODEL	139	12	7				0		
RDTEY1	57	2	0				0	RDTEY	1	POWER	201	2	7				0		
RDTEY2	59	2	0				0	RDTEY	3	ROOM	203	4	7				0		
ROOM	203	4	7				0			ROUTE	207	2	7	R			0		
ROUTE	207	2	7	R			0			SERIAL	209	12	7				0		
RPLCST	61	7	0	R			0			SHOP	221	4	7	R			0		
SERIAL	209	12	7				0			STATUS	225	2	7				0		
SHOP	221	4	7	R			0			STATA	225	1	7				0	STATUS	1
STATA	225	1	7				0	STATUS	1	STATB	226	1	7				0	STATUS	2
STATB	226	1	7				0	STATUS	2	KEYFLD	227	1	7				0		
STATUS	225	2	7				0			NID	228	11	7				0		
WEIGHT	68	7	0	R			0			ALPHA	239	5	4				0		

FIELD ATTRIBUTES IN ALPHABETIC ORDER

FIELD	POS	LEN	T	J	F	D	U	SUB	OF	POS
WIDTH	75	4	0	R				0		
ADTED	28	2	0	R	0			0	EXPDTE	3
ADTEM	26	2	0	R	0			0	EXPDTE	1
XDTEY	30	2	0					0	EXPDTE	5
YRMFG	79	4	0					0		

FIELD ATTRIBUTES BY POSITION IN RECORD

FIELD	POS	LEN	T	J	F	D	U	SUB	OF	POS
DESC	244	60	7					0		
DESCA	244	24	7					0	DESC	1
DESCB	208	36	7					0	DESC	25
EQCLASS	304	1	0					0		
FILLER	305	204	7					0		

				EDIT & DOCUMENT		EXECUTION ACCESS	
REVISION NUMBER	70	VERSION	1	USER CLASS	0	USER CLASS	0
LAST REVISED	9 /24/84	APPLICATION		USER ID CODE		USER ID CODE	
LAST REVISED BY	GMS	FUNCTION		PASSWORD		PASSWORD	

PERIPHERAL DEVICE ADDRESS ASSIGNMENTS:							
#01/	215	PRINTER	#08/	D50	APPLICATION DATA FILES OR OTHER		
#02/	D50	IDEAS SYSTEM UTILITIES	#09/	D50	APPLICATION DATA FILES OR OTHER		
#03/	D50	SCREEN AND REPORT MASKS	#10/	D50	APPLICATION DATA FILES OR OTHER		
#04/	D50	APPLICATION PROGRAMS	#11/	D50	APPLICATION DATA FILES OR OTHER		
#05/	D50	DATA FILE CONTROL FILES	#12/	D50	APPLICATION DATA FILES OR OTHER		
#06/		TELECOMMUNICATIONS BOARD	#13/	D50	APPLICATION DATA FILES OR OTHER		
#07/	D50	APPLICATION DATA FILES	#14/	D50	APPLICATION DATA FILES OR OTHER		
			#15/	D50	APPLICATION DATA FILES OR OTHER		

PROGRAM MODULE TO BE LOADED IN CASE OF START MODULE EXECUTION FAILURE ""
PROGRAM MODULE TO BE LOADED UPON COMPLETION OF START MODULE EXECUTION "EMAINMEN"
SET \$SYSBUFD= ""

WORK BUFFER = 1750 RECORD BUFFER = 508 SORT BUFFER = 330 (SIZES IN BYTES)

REVISION NUMBER	3	VERSION	1	EDIT & DOCUMENT		EXECUTION ACCESS	
LAST REVISED	8 /20/85	APPLICATION		USER CLASS	0	USER CLASS	0
LAST REVISED BY	GMS	FUNCTION		USER ID CODE		USER ID CODE	
				PASSWORD		PASSWORD	

PERIPHERAL DEVICE ADDRESS ASSIGNMENTS:

#01/ 215	PRINTER	#08/ D50	APPLICATION DATA FILES OR OTHER
#02/ D50	IDEAS SYSTEM UTILITIES	#09/ D50	APPLICATION DATA FILES OR OTHER
#03/ D50	SCREEN AND REPORT MASKS	#10/ D50	APPLICATION DATA FILES OR OTHER
#04/ D50	APPLICATION PROGRAMS	#11/ D50	APPLICATION DATA FILES OR OTHER
#05/ D50	DATA FILE CONTROL FILES	#12/ D50	APPLICATION DATA FILES OR OTHER
#06/	TELECOMMUNICATIONS BOARD	#13/ D50	APPLICATION DATA FILES OR OTHER
#07/ D50	APPLICATION DATA FILES	#14/ D50	APPLICATION DATA FILES OR OTHER
		#15/ D50	APPLICATION DATA FILES OR OTHER

PROGRAM MODULE TO BE LOADED IN CASE OF START MODULE EXECUTION FAILURE "

PROGRAM MODULE TO BE LOADED UPON COMPLETION OF START MODULE EXECUTION "VMINVIDO"

SET @SYS3UFC= "

WORK BUFFER = 1750 RECORD BUFFER = 508 SORT BUFFER = 330 (SIZES IN BYTES)

FILE	NAME	DESCRIPTION	TYPE	DISK	LEN	SORT	HOW USED
1	SDGLOBAL	GLOBAL VARIABLE DATA FILE	PRIMARY	D50	123	7	SEQ & RND
2	V0INSP00	IPE INSP FREQUENCY FILE	PRIMARY	D50	066	54	SEQ & RND
3	V0ITRN00	INSPECTION FREQUENCY TRAN FILE	PRIMARY	D50	080	62	SEQ & RND
4	V0LTRN00	LUBRICATION FREQUENCY TRAN FILE	PRIMARY	D50	068	62	SEQ & RND
5	V0LUB000	IPE LUBE FREQUENCY FILE	PRIMARY	D50	054	54	SEQ & RND
6	V0MTRN00	IPE INVENTORY TRANSACTION FILE	PRIMARY	D50	508	60	SEQ & RND
7	V0PMST00	IPE INVENTORY MASTER FILE	PRIMARY	D50	508	170	SEQ & RND
8	V0DAMST00	IPE INV ALT KEY FILE BY ALPHA	ALT	7 D50	508	70	SEQ & RND
9	V0SHPM00	IPE INV. ALT. KEY FILE, SHOP/NID	ALT	7 D50	508	294	SEQ & RND
10	V0TRN000	GLOBAL TRANSACTION FILE	PRIMARY	D50	199	15	SEQ & RND

REVISION NUMBER	5	VERSION	EDIT & DOCUMENT	EXECUTION ACCESS
LAST REVISED	8 / 20 / 85	APPLICATION	USER CLASS 0	USER CLASS 0
LAST REVISED BY	GMS	FUNCTION	USER ID CODE	USER ID CODE
			PASSWORD	PASSWORD

PERIPHERAL DEVICE ADDRESS ASSIGNMENTS:

#01/ 215	PRINTER	#08/ D50	APPLICATION DATA FILES OR OTHER
#02/ D50	IDEAS SYSTEM UTILITIES	#09/ D50	APPLICATION DATA FILES OR OTHER
#03/ D50	SCREEN AND REPORT MASKS	#10/ D50	APPLICATION DATA FILES OR OTHER
#04/ D50	APPLICATION PROGRAMS	#11/ D50	APPLICATION DATA FILES OR OTHER
#05/ D50	DATA FILE CONTROL FILES	#12/ D50	APPLICATION DATA FILES OR OTHER
#06/	TELECOMMUNICATIONS BOARD	#13/ D50	APPLICATION DATA FILES OR OTHER
#07/ D50	APPLICATION DATA FILES	#14/ D50	APPLICATION DATA FILES OR OTHER
		#15/ D50	APPLICATION DATA FILES OR OTHER

PROGRAM MODULE TO BE LOADED IN CASE OF START MODULE EXECUTION FAILURE "ANCHOR "
 PROGRAM MODULE TO BE LOADED UPON COMPLETION OF START MODULE EXECUTION "VMRPTMEN"
 SET @SYSBUFD= "

WORK BUFFER = 1750 RECORD BUFFER = 508 SORT BUFFER = 330 (SIZES IN BYTES)

FILE	NAME	DESCRIPTION	TYPE	DISK	LEN	SORT	HOW USED
1	SDGLOBAL	GLOBAL VARIABLE DATA FILE	PRIMARY	D50	123	7	SEQ & RND
2	VDINSP00	IPE INSP FREQUENCY FILE	PRIMARY	D50	066	54	SEQ & RND
3	VDITRNO0	INSPECTION FREQUENCY TRAN FILE	PRIMARY	D50	080	62	SEQ & RND
4	VDLTRNO0	LUBRICATION FREQUENCY TRAN FILE	PRIMARY	D50	068	62	SEQ & RND
5	VDLUBE00	IPE LUBE FREQUENCY FILE	PRIMARY	D50	054	54	SEQ & RND
6	VDMTRNOJ	IPE INVENTORY TRANSACTION FILE	PRIMARY	D50	508	60	SEQ & RND
7	VDPMST00	IPE INVENTORY MASTER FILE	PRIMARY	D50	508	170	SEQ & RND
8	VDMST00	IPE INV ALT KEY FILE BY ALPHA	ALT	7 D50	508	70	SEQ & RND
9	VDSHPM00	IPE INV. ALT. KEY FILE, SHOP/NID	ALT	7 D50	508	294	SEQ & RND
10	VDTRN00	GLOBAL TRANSACTION FILE	PRIMARY	D50	199	15	SEQ & RND

MENU "VMINVI00" PROGRAM DOCUMENTATION

REVISION NUMBER	13	VERSION	1	USER CLASS	0
LAST REVISED	08/20/85	APPLICATION CODE		USER ID CODE	
LAST REVISED BY	GMS	FUNCTION CODE		PASSWORD	

MENU SCREEN IMAGE

```

1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0
1 E M M S   I N V E N T O R Y   M E N U
2
3
4
5
6           FN PROGRAM MODULE
7           00 MAINTAIN/MODIFY IPE INVENTORY FILE
8           01 MAINTAIN/MODIFY IPE INSPECTION FILE
9           02 MAINTAIN/MODIFY IPE LUBRICATION FILE
0           03 DISPLAY IPE INVENTORY RECORD BY MID
1           04 DISPLAY IPE INVENTORY RECORD BY ALPHA
2           05 DISPLAY INSPECTION FREQUENCY RECORD
3           06 DISPLAY LUBRICATION FREQUENCY RECORD
4           07 GENERATE MANAGEMENT REPORTS
5           08 DISPLAY SHOP TOTALS
6           15 RETURN TO IDEAS2
7           31 RETURN TO EMMS MAIN MENU
8
9
0
1
2
3
4 TOUCH ANY LISTED FN, SPACE/BACKSPACE TO CHANGE: DEFAULT OR EXEC TO LOAD DEFAULT
5 12345678901234567890123456789012345678901234567890123456789012345678901234567890
6           1           2           3           4           5           6           7           8           9

```

MENU SELECTION DOCUMENTATION

FN	PROGRAM	DESCRIPTION	PROGRAM TYPE	UC	UID	PASSWORD
00	VPINVM00	MAINTAIN/MODIFY IPE INVENTORY FILE	I	9		
01	VPINSP00	MAINTAIN/MODIFY IPE INSPECTION FILE	I	9		
02	VPLUBE00	MAINTAIN/MODIFY IPE LUBRICATION FILE	I	9		
03	VPDSPND0	DISPLAY IPE INVENTORY RECORD BY MID	I	0		
04	VPDSPAC0	DISPLAY IPE INVENTORY RECORD BY ALPHA	I	0		
05	VPININQU	DISPLAY INSPECTION FREQUENCY RECORD	I	0		
06	VPLUINQU	DISPLAY LUBRICATION FREQUENCY RECORD	I	0		
07	VMRPTMEN	GENERATE MANAGEMENT REPORTS	I	0		
08	VPDSPSH0	DISPLAY SHOP TOTALS	I	0		
09	(UNUSED)					
10	(UNUSED)					
11	(UNUSED)					
12	(UNUSED)					
13	(UNUSED)					
14	(UNUSED)					
15	IDEAS2	RETURN TO IDEAS2	I	F		
31	EMAINMEN	RETURN TO EMMS MAIN MENU	I			

NOTE: UC = USER CLASS PROGRAM TYPES: I = IDEAS2-GENERATED PROGRAM
 UID = USER ID CODE W = WANG SYSTEM SOFTWARE USING R-RANGE VARIABLES
 X = OTHER SOFTWARE, REQUIRING A COMPLETE COM CLEAR

MENU "VKRPTMEN" PROGRAM DOCUMENTATION

REVISION NUMBER 13
 LAST REVISED 09/24/84
 LAST REVISED BY GMS

VERSION 1
 APPLICATION CODE
 FUNCTION CODE

USER CLASS 0
 USER ID CODE
 PASSWORD

MENU SCREEN IMAGE

```

1 2 3 4 5 6 7 8
1234567890123456789012345678901234567890123456789012345678901234567890
E M M S R E P O R T F R E Q U E N C Y M E N U
    
```

- FN PROGRAM MODULE
- 00 WEEKLY REPORTS - EM200 SERIES
- 01 MONTHLY REPORTS - EM400 SERIES
- 02 QUARTERLY REPORTS - EM500 SERIES
- 03 ON-REQUEST REPORTS - EM900 SERIES
- 31 RETURN TO EMMS MAIN MENU

TOUCH ANY LISTED FN, SPACE/BACKSPACE TO CHANGE DEFAULT OR EXEC TO LOAD DEFAULT

MENU SELECTION DOCUMENTATION

FN PROGRAM	DESCRIPTION	PROGRAM TYPE	UC	UID	PASSWORD
00	VREM2000 WEEKLY REPORTS - EM200 SERIES		I	0	
01	VREM4000 MONTHLY REPORTS - EM400 SERIES		I	0	
02	VREM5000 QUARTERLY REPORTS - EM500 SERIES		I	0	
03	VREM9000 ON-REQUEST REPORTS - EM900 SERIES		I	0	
04	(UNUSED)				
05	(UNUSED)				
06	(UNUSED)				
07	(UNUSED)				
08	(UNUSED)				
09	(UNUSED)				
10	(UNUSED)				
11	(UNUSED)				
12	(UNUSED)				
13	(UNUSED)				
14	(UNUSED)				
15	(UNUSED)				
31	EMAINMEN RETURN TO EMMS MAIN MENU			I	

NOTE: UC = USER CLASS PROGRAM TYPES: I = IDEAS2-GENERATED PROGRAM
 UID = USER ID CODE W = WANG SYSTEM SOFTWARE USING R-RANGE VARIABLES

MENU "VREM9000" PROGRAM DOCUMENTATION

REVISION NUMBER 34
LAST REVISED 09/24/84
LAST REVISED BY GMS

VERSION 1
APPLICATION CODE
FUNCTION CODE

USER CLASS 0
USER ID CODE
PASSWORD

MENU SCREEN IMAGE

1 2 3 4 5 6 7 8
123456789012345678901234567890123456789012345678901234567890
E M M S O N - R E Q U E S T I N V E N T O R Y R E P O R T S M E N U 01

FN PROGRAM MODULE
00 EM900A SYSTEM DATA REPORT
01 EM905A IPE INVENTORY REPORT BY ALPHA
02 EM905B IPE INVENTORY REPORT BY NID
03 EM905C IPE INVENTORY REPORT BY DLA MFG CODE
04 EM905D IPE INVENTORY REPORT BY SHOP
05 EM905E IPE INVENTORY REPORT BY PEC
06 EM905F IPE INVENTORY REPORT BY NID (CONDENSED)
07 EM906A INSPECTION FREQUENCY REPORT
08 EM907A LUBRICATION FREQUENCY REPORT
09 EM910A ABBREVIATED INVENTORY REPORT BY NID
10 EM910B ABBREVIATED INVENTORY REPORT BY ALPHA
11 EM910C ABBREVIATED INVENTORY REPORT BY DLA
31 RETURN TO REPORT SELECTION MENU

TOUCH ANY LISTED FN, SPACE/BACKSPACE TO CHANGE DEFAULT OR EXEC TO LOAD DEFAULT
1234567890123456789012345678901234567890123456789012345678901234567890
1 2 3 4 5 6 7 8

MENU SELECTION DOCUMENTATION

FN	PROGRAM	DESCRIPTION	PROGRAM TYPE	UC	UID	PASSWORD
00	VREM900A	EM900A SYSTEM DATA REPORT		I	0	
01	VREM905A	EM905A IPE INVENTORY REPORT BY ALPHA		I	0	
02	VREM905B	EM905B IPE INVENTORY REPORT BY NID		I	0	
03	VREM905C	EM905C IPE INVENTORY REPORT BY DLA MFG CODE		I	0	
04	VREM905D	EM905D IPE INVENTORY REPORT BY SHOP		I	0	
05	VREM905E	EM905E IPE INVENTORY REPORT BY PEC		I	0	
06	VREM905F	EM905F IPE INVENTORY REPORT BY NID (CONDENSED)		I	0	
07	VREM906A	EM906A INSPECTION FREQUENCY REPORT		I	0	
08	VREM907A	EM907A LUBRICATION FREQUENCY REPORT		I	0	
09	VREM910A	EM910A ABBREVIATED INVENTORY REPORT BY NID		I	0	
10	VREM910B	EM910B ABBREVIATED INVENTORY REPORT BY ALPHA		I	0	
11	VREM910C	EM910C ABBREVIATED INVENTORY REPORT BY DLA		I	0	
12	(UNUSED)					
13	(UNUSED)					
14	(UNUSED)					
15	(UNUSED)					
31	VMRPTMEN	RETURN TO REPORT SELECTION MENU				

NOTE: UC = USER CLASS PROGRAM TYPES: I = IDEAS2-GENERATED PROGRAM
UID = USER ID CODE W = WANG SYSTEM SOFTWARE USING R-RANGE VARIABLES

MAINTAIN IPE INVENTORY FILE

08/20/85

NID 000MPO00001 ALPHA FXD PEC 3450
 DESC VALVE CUTOFF MACHINE

QUIP CLASS	4	WEIGHT	LBS	FUNC WORK GRP	
OST CLASS	64	LENGTH	INS	ACQ COST	488
BUILDING	6300	WIDTH	INS	INST COST	0
OWNER SHOP	906	HEIGHT	INS	REPL COST	0
STATUS	A	POWER REQ	93	EQUIP LIFE	YRS
M REQ	N	MANUF NAME	MINSY	RECD DATE	01/1968
NSP PROC		DLA MANUF CD	82126	INST DATE	01/1968
UJBE PROC		SERIAL NO	NONE	DEPR DATE	
METER TYPE	N	MODEL NO	NONE	CONDITION	A4
CT/EST	E	YEAR MANUF	1968	OPERABLE	Y
NS METER	0.0	WARR EXP	/ /	CERT REQ	N
UB METER	0.0	FLOOR		ROUTE NO	
		C/R/B			
		FISCAL YTD HRS UTIL			
		DATE ESTABLISHED	03/16/84		
		DATE CHANGED			

ATTENTION: TOUCH RETURN TO ACCEPT, EDIT TO MODIFY, FN'25 TO DELETE #

Figure 1 Maintain IPE Inventory File - No Discrepancy

NID
DESC

ALPHA

PEC

EQUIP CLASS	WEIGHT	LBS	FUNC WORK GRP	
COST CLASS	LENGTH	INS	ACQ COST	
BUILDING	WIDTH	INS	INST COST	
OWNER SHOP	HEIGHT	INS	REPL COST	
STATUS	POWER REQ		EQUIP LIFE	YRS
PM REQ	MANUF NAME		RECD DATE	/
INSP PROC	DLA MANUF CD		INST DATE	/
LUBE PROC	SERIAL NO		DEPR DATE	
METER TYPE	MODEL NO		CONDITION	
ACT/EST	YEAR MANUF		OPERABLE	
INS METER	WARR EXP	/ /	CERT REQ	
LUB METER	FLOOR		ROUTE NO	
	C/R/B			
	FISCAL YTD HRS UTIL			
	DATE ESTABLISHED	/ /		
	DATE CHANGED			

ATTENTION: TOUCH RETURN TO ACCEPT, EDIT TO MODIFY, FN'25 TO DELETE #

DISPLAY IPE INVENTORY RECORD

NID 000MP000001 ALPHA FXD PEC 3450
 DESC VALVE CUTOFF MACHINE

EQUIP CLASS	4	WEIGHT		LBS	FUNCT WORK GRP	
COST CLASS	64	LENGTH		INS	ACQ COST	488
BUILDING	6300	WIDTH		INS	INST COST	0
OWNER SHOP	906	HEIGHT		INS	REPL COST	0
STATUS	A	POWER REQ	93		EQUIP LIFE	YRS
PM REQ	N	MANUF NAME	MINSY		REC DATE	01/1963
INSP PROC		DLA MANUF CD	82126		INST DATE	01/1968
LUBE PROC		SERIAL NO	NONE		DEPR DATE	
METER TYPE	N	MODEL NO	NONE		CONDITION	A4
ACT/EST	E	YR MANUF	1968		OPERABLE	Y
INS METER	0.0	WARR EXP	/ /		CERT REQ	N
LUB METER	0.0	FLOOR			ROUTE NO	
		C/R/B				

ATTENTION: TOUCH RETURN FOR NEXT INQUIRY, FN'31 TO CANCEL #

Figure 3 - Display IPE Inventory Record No Discrepancy

DISPLAY IPE INVENTORY RECORD

NID DESC	ALPHA	PEC		
EQUIP CLASS	WEIGHT	LBS	FUNCT WORK GRP	
COST CLASS	LENGTH	INS	ACQ COST	
BUILDING	WIDTH	INS	INST COST	
OWNER SHOP	HEIGHT	INS	REPL COST	
STATUS	POWER REQ		EQUIP LIFE	YRS
PM REQ	MANUF NAME		REC DATE	/
INSP PROC	DLA MANUF CD		INST DATE	/
LUBE PROC	SERIAL NO		DEPR DATE	
METER TYPE	MODEL NO		CONDITION	
ACT/EST	YR MANUF		OPERABLE	
INS METER	WARR EXP	/ /	CERT REQ	
LUB METER	FLOOR		ROUTE NO	
	C/R/B			

ATTENTION: TOUCH RETURN FOR NEXT INQUIRY, FN'31 TO CANCEL

#

Figure 4 - Display IPE Inventory Record - Discrepancy