

VisualAge Pacbase



DSMS: DEVELOPMENT/SUPPORT MANAGEMENT

Version 3.5



VisualAge Pacbase



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Note

Before using this document, read the general information under “Notices” on page v.

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Chapter 1. Introduction

General Presentation of the DSMS System

Complementing the functionality of the VisualAge Pacbase Dictionary, the DSMS component provides change control management for software and applications being developed and maintained.

Any event related to an application, such as a bug, enhancement request, question, or other development, is tracked from the time it is reported until the change is ready to be implemented and validated, and the software delivered.

DSMS supports VisualAge Pacbase user organizations that need to control and track the versions of the software they use, as well as commercial software developers who use Visualage Pacbase to develop applications for resale and need to document software releases and enhancements.

DESCRIPTION

DSMS allows System Developers to:

- Identify business sites.
- Track which type and version(s) of the software is installed at each site.
- Manage Change Control.
- Validate changes once implemented.
- Print the results of queries on Customer Sites, Events, and Changes.

FUNCTIONALITY

DSMS operates with the following major entity types:

- **PRODUCT:** One or more related applications, i.e., a billing system or payroll system, etc. A Product is identified by a code and a clear name.
- **SUBSIDIARY:** Software support staff for one or more related applications (it does not have to be another company). A Subsidiary is identified by a code and a clear name.
- **SITE:** Each customer site is identified and briefly described (contact, versions of application software, etc.)
- **EVENT:** An Event is created as a result of a software bug, a request for information, or an enhancement request. An Event is first defined and then described: a native description for the customer which documents the event

as originally reported; a technical description for developers which provides information needed to address the event.

- **CHANGE:** A Change is created as a result of an Event. It is tracked from its original specification until its final validation. A Change is described on two levels: an internal technical description; and a general description composed of documentary text and keywords, which can be translated into other languages as required. A Change Supervisor is assigned to each Change and sets up authorizations for programmers to modify the necessary entities as a result of the Change request.

Lists and descriptions can be consulted on-line or printed. The user can obtain information pertaining to Events and/or Changes via the on-line Search facility.

Additionally, there is a Query facility, through which customized reports of Events, Customer Sites, and Changes can be printed.

CUSTOMIZATION OF CONTROLS AND/OR INITIALIZATIONS ON DEFINITIONS

The DSMS Database administrator may add specific controls and/or initializations on the Definitions of Sites, Events, Changes, Queries, and Reports.

For details on these additional controls, refer to the Operations Manual, Chapter "Database Restoration (DRST)".

Connection to DSMS

Access to the DSMS System is ensured by entering the System's transaction code.

A Sign-On Screen is displayed where you enter your user code and password. Both fields have a maximum length of eight characters. You can also change your PASSWORD on this screen.

Input in the SUBSIDIARY and PRODUCT fields is optional since each registered DSMS user is assigned a Subsidiary and a Product, which are taken into account as default values by the DSMS System.

The DSMS session number and the current date are automatically displayed in the DSMS Sign-On screen.

```

00 00 0          0 00
00 00          0 0000
00 00 0 000 0 0 000 0 00 00 000 000
00 00 0 0 0 0 0 0 0 000000 0 0 0 0
00 00 0 0 0 0 0000 0 00 00 0 0 0000
 000 0 0 0 0 0 0 0 0 00 00 0 0 0 00000      0
  0 0 000 0000 0000 0 00 00 000 00 00 00      0
                                0 00 00 000 000 0000 000 000 000 R
                                00 00000 0 0 0 0 0 0 0 0 0 0
                                00 0000 0 0 0 0000 0 0000
                                00 0 0 0 0 0 0 0 0 0 0
                                00 0000 000 0000 0000 000 00

```

000 0000 0 0 0000 2273 - 980623

0 0 0 00 00 0

0 0 000 0 0 0 000

0 0 0 0 0 0 0

000 0000 0 0 0000

SUBSIDIARY.....: 1

PRODUCT.....: 2

USER.....: 3 4

5 6 7 8

0: C1 CH:

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	2		SUBSIDIARY CODE
			The values for this field are defined in the SUBSIDIA- RIES Table (CH: TSU).
			This code identifies a unit of the DSMS user company. It may be used to identify the foreign subsidiaries of an international corporation.
			Input in this field allows the DSMS user to connect to a Subsidiary other than the one he/she has been assigned by default in the "GENERAL USER AUTHORIZA- TIONS" Table (CH: TUG).
		BLANK	DEFAULT VALUE: DSMS will automatically connect the user to the Subsidiary specified in the TUG Table.
2	3		PRODUCT CODE
			The values for this field are defined in the PRODUCTS Table (CH: Tpr).

NUMLEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
		The DSMS user enters this field only when he/she wishes to connect to a Product other than the one he/she has been assigned by default in the "GENERAL USER AUTHORIZATIONS" Table (CH: Tug).
3	8	USER CODE
		The "USER DEFINITION" Table lists the users who can connect to the system.
4	8	PASSWORD
5	2	OPERATION CODE
	C1	Screen standard display option.
	C2	This screen display option is available with a number of screens:
		. Event and Change story (C S or E S), . Detail of Elements Concerned by Change (CH: C C), . Most Event Lists, . Query Descriptions (CH: Q D), . Report Contents (R C), . Most Table screens. . WordSearch screens (CH: WS),
	C3	. Event and Change story (C S and E S).
	C4	. Event and Change story (C S and E S).
	M1 M2 M3	First screen memorization, Second screen memorization, Third screen memorization.
	FT	Conversation exit.
6	40	CHOICE
7	1	PASSWORD CHANGE INDICATOR
	M	To change your password, enter the value M in this field. See the next field.
8	8	NEW PASSWORD
		Enter the new password in this field and press the ENTRY key to validate. The screen is refreshed and a message is displayed asking for a confirmation of the modification. Enter the new password once more in this field and press the ENTRY key to validate.

VA Pac-DSMS		USA
GENERAL MENU		
	CHOICE	
CHANGE.....:	HC	
EVENT.....:	HE	
SITE.....:	HS	
TABLES.....:	HT	
KEYWORDS.....:	HK	
QUERIES - REPORTS.....:	HQ	
VISUALAGE PACBASE INTERFACE:	HP	
PFKEYS.....:	HPF	
SPECIAL CHOICES.....:	HSC	
0: C1 CH: H		

General Remarks

SCREEN DISPLAY SEQUENCE

DSMS menus illustrate the screen display sequence.

Screens corresponding to choices listed in a menu's upper part can be called by just pressing the ENTER key, in the same sequence order as listed in the menu.

Screens (including lists) corresponding to choices in a menu's lower part need be explicitly called via the corresponding input in the CHOICE field.

LABELS AND LANGUAGE OPTIONS

The DSMS System supports a multilingual label definition. Language codes and labels are entered in the LANGUAGES Table.

As a result, labels are displayed in the language assigned by default to the user.

SCREEN-TOP DISPLAY

The PRODUCT and SUBSIDIARY (short) labels are displayed in each DSMS screen (top-right) in the Language option of the connected user.

When the DSMS user is also a client, i.e. only a site-specific authorization is being granted, the corresponding site short and full codes are displayed in the screens' top-right corner.

CHOICE FIELD CODING IN DSMS MENUS

The various choices listed in Menus allow users to access DSMS screens.

Input fields are displayed with the following characters:

- A period ('.') indicates required input in the corresponding field;
- An underscore ('_') indicates optional input.

ON-LINE HELP

Function keys PF04, PF08, and PF09 provide various levels of on-line help.

PF04: General help on the screen. The "?" character may also be used in the action code (in any action code on a list).

PF08: Help on the area where cursor is positioned. The "?" character may also be used in the action code AND the requested field. The "?" character must be the only one of the field (if the field contains a value, this value must be deleted; it will be displayed again after consulting the help screen).

PF09: Help on the table of the possible values of the field pointed by cursor position.

PF11: Return to the screen left with PF09.

BRANCHING

PF10: In a list, call of the entity on which the cursor is positioned.

Once you have branched to this entity, you may go back to the list by using the PF10 key again. This list will no longer be memorized if you access another list from the selected entity.

END OF SESSION

PF06: Ends the DSMS work session.

NOTE: The function given here for each function key is the standard function; but you may assign other functions to these keys.

If necessary, see the Database administrator.

ACTION CODES

- D deletion
- B Multiple deletion: deletion of lines up to an 'L' action code or up to the last line displayed screen
- C Creation
- L Ending bound of a multiple deletion
- M Explicit modification

VA Pac-DSMS ***** M E N U *****		USA
SPECIAL CHOICES		CHOICE
JUMP FOLLOWING SCREEN.....:		JF
JUMP SAME SCREEN.....:		JI
JUMP PRECEDING SCREEN.....:		JP
JOURNAL FILE DISPLAY TRANSACTIONS...:		JO
NEW SUBSIDIARY.....:		NS..
NEW PRODUCT.....:		NP...
ENGLISH VERSION.....:		/E
FRENCH VERSION.....:		/F
RETURN TO GENERAL MENU.....:		H

O: C1 CH: HSC

Journal Consultation

All the updates in the DSMS Database are memorized in a journal.

You can consult this journal by entering JO in the CHOICE field. For each transaction, the journal displays:

- Its rank (order number),
- The user code,
- The date formatted CCYYMMDD (century, year, month, day),
- The Product code,
- The Subsidiary code,
- The column S, relating to the Time field, in which you can enter < and > signs,
- The update time, formatted HHMMSS (hour, minutes, seconds),
- The action code,
- The key part of the choice,
- The indicator, including the sub-choices and the number of lines read for the transaction.

Furthermore, the first transaction displayed appears in full on the last line of the screen.

TRANSACTION SELECTION

The screen displayed is common to all the users. However, only some transactions can be displayed by entering one or several selection criteria in the input field on the screen heading (selection of the transactions of a user, or to a certain date, a certain time, for a specific subsidiary...).

Warning: JP choice and M1 option (screen memorization) do not retrieve the selection criteria previously chosen but only the rank of the screen display beginning.

```

-----
VA Pac-DSMS          ***** J O U R N A L *****          USA
JOURNAL FILE DISPLAY OF TRANSACTIONS
  1      2      3      4  5  6  7      8  9
RANK  USER  DATE   PRO SU S TIME  A CHO :  K E Y
00001346 PTRL  20041012 P          171002 C C : 001010    CE *** *** 03
00001345 PTRL  20041012 P          170927 A C : 001010    CE *** *** 05
00001344 PTRL  20041012 P          170744 C C : 001010    CE *** *** 05
00001343 PTRL  20041012 P          170740 C C : 001010    CU          04
00001342 PTRL  20041012 P   UK    170522 M E : 001233          09
00001341 PTRL  20041012 P   UK    170335 C E : 001233          09
00001340 PTRL  20041012 P   UK    163028 C E : 001233    DNT *02    16
00001339 PTRL  20041012 P   UK    161508 C E : 001233    DNT *01    01
00001338 PTRL  20041012 P   UK    161445 C E : 001233          06
00001337 PTRL  20041012 P          161402 C C : 001010    DFT *02    16
00001336 PTRL  20041012 P          161402 C C : 001010    DFT *02    01
00001335 PTJC  20041012 P          161307 A TVE : AJ          E          03
00001334 PTJC  20051012 P          161307 A TVE : AJ          F          01
00001333 PTJC  20051012 P          161304 A TVE : AJ          F          03
00001332 PTJC  20051012 P          161253 M TVE : AJ          F          03
00001231 PTJC  20051012 P          161248 C TVE : AJ          F          03
00001230 PTDL  20051012 P   SF    153527 C A : 001528          16
00001229 PTDL  20051012 P          162721 A TUP : RD          F          01
00001228 PTIK  20051012 P          162113 A TVE : AE          E          03
00001227 PTIK  20051012 P          162110 A TVE : AE          F          03
C CCE001010*****          A941012171002 PTRL
O: C1 CH: J0
-----

```

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	5		RANK IN THE JOURNAL
2	8		USER CODE
3	10		DATE
			If you enter a date in this field, the journal will display all the transactions performed at this date (CCYYMMDD).
4	3		PRODUCT CODE
			If you enter a product code in this field, the journal will display all the transactions related to this product.
5	2		SUBSIDIARY CODE
			If you enter a subsidiary code in this field, the journal will display all the transactions related to this subsidiary.
6	1		COMPARATOR
			If you enter < or > sign in this field and mention an hour in the next field, the transactions carried out from or until this hour will be respectively selected.

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
7	6		COMPUTER TIME
			If you enter an hour in this field, the journal will display the transactions carried out at this precise time. With a comparator, the selection can be widened by requesting the transactions carried out until or from this hour.
8	1		ACTION CODE
			If you enter an action code in this field, the journal will display the transactions corresponding to this action code.
9	3		FIRST PART OF THE CHOICE
			If you enter a value in this field, the journal will display the transactions corresponding to this choice.

Chapter 2. Sites

Introduction

A site is defined at two different levels:

- A physical description corresponding to the geographic location of the site where the software product is operational. This description includes the address, the telephone number, etc.
- A logical description which may, for example, identify the configuration in use, i.e. hardware, operating system, etc.

One logical description at least must correspond to one physical description.

```

-----
VA Pac-DSMS          *****  M E N U  *****          USA
SITE

                                CHOICE

DEFINITION.....:          S .....*...
LAST VERSIONS DELIVERED....: S .....*... LV  _  _
CLIENT CONTACTS.....:      S .....*... LC  _  _
SUPPLIER CONTACTS.....:      S .....*... U   _  _
COMMENTS.....:              S .....*... G   _  _
VERSIONS DELIVERED.....:      S .....*... V   _  _
CLIENT CONTACT DEFINITION..: S .....*... C   _  _
ASSOCIATED EVENTS.....:      S .....*... LE _  _

LISTS
BY CORPORATE NAME.....:      LNS _____
BY CODE ALL SUBSIDIARIES...: LCS _____*
BY CODE FOR THE SUBSIDIARY.: LSS _____*

RETURN TO GENERAL MENU.....: H

O: C1 CH: HS
-----

```

Site Definition

In order to access a site's definition or to define a new site, the DSMS user enters the site's code in the CHOICE field:

CH: S*...

This code is divided into two parts, separated by an asterisk ('*'). The first part (Site Code) stands for the physical description, the second (Site Sub-code) for the logical description.

A Site Definition screen contains the following information:

- Geographic identification (Corporate Name, Address, Phone, Telex, and Fax numbers);
- The unit of the DSMS user company in charge of the client site (identified by the Region Code).

NOTE:

It is possible to define a new site by copying the lines of an existing Site Definition screen. The DSMS user overrides the displayed site code with the new site code. Once the ENTER key is pressed, the DSMS System redisplay the initial screen.

CANCELLATION OF A SITE

You may cancel a site if it has only one definition screen and no associated event.

ADDITIONAL CONTROLS

A sub-routine allows you to add controls and initializations to the Site definition.

For details on these additional controls, refer to the Operations Manual, Chapter "Database Restoration (DRST)".

```

-----
VA Pac-DSMS          *****  S I T E  *****          USA
DEFINITION
          1          2
CODE.....: TEXANBANK * 001

STATUS.....: OP 3   OPERATING
REGION CODE.....: U-W 4   USA WEST
LANGUAGE CODE.....: E 5   English
SHORT CODE.....: BPA 6

CORPORATE NAME....: TEXAN BANK          7
ADDRESS.....: HILLTOWN TOWER          8
              SUITE No.765           9
              2371 FOREST HILL        10
              PARIS, TEXAS 99230     11

TELEPHONE NUMBER..: 401 233 8925       12
TELEX NUMBER.....:                    13
FAX NUMBER.....:                      14

O: C1 CH: Stexanbank*001                ACTION:
-----

```

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	9		SITE CODE (REQUIRED)
			This code corresponds to the physical site. It may contain from 1 to 9 alphanumeric characters. The asterisk (*) is not permitted in this code.
2	3		SITE SUB-CODE (REQUIRED)
			This code identifies a logical site. It may contain from 1 to 3 alphanumeric characters.
3	2		STATUS OF SITE (REQUIRED)
			The values for this field are defined in the STATUS CODES Table (CH: Tst).
4	3		REGION CODE (REQUIRED)
			This code identifies a unit of the DSMS user company. A unit may be geographic, administrative, functional, etc. For instance, a unit may be in charge of all client sites equipped with the same hardware. The values for this field are defined in the REGIONS Table (CH: Tre).
5	1		LANGUAGE CODE (REQUIRED)
			The values for this field are defined in the LANGUAGES Table (CH: Tla).

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
			INITIALIZATION VALUE: Language option assigned to the Subsidiary on which the Site depends.
6	3		SITE SHORT CODE/EVENT PREFIX
			NOTE: The first character cannot be a numeral.
			When calling an Event, via the E---..... choice, it is possible to specify the abbreviated site code; in this case, the Event number for the Site, and not the one for the Subsidiary, must be entered after the code site.
7	40		CORPORATE NAME (REQUIRED)
			This field contains the corporate name of the client site.
8	40		SITE ADDRESS: FIRST LINE
9	40		SITE ADDRESS: SECOND LINE
10	40		SITE ADDRESS: THIRD LINE
			If this line is the last line containing information, i.e, line 4 is empty, it will be displayed with the List of Sites.
11	40		SITE ADDRESS: FOURTH LINE
			This line, when it contains information, is automatically displayed with the List of Sites.
12	20		TELEPHONE NUMBER (REQUIRED)
13	20		TELEX NUMBER
14	20		FAX NUMBER

Versions Delivered

The Delivered Versions screen, in relation to a given site, displays all the delivered versions for the Technical Package/Release group.

NOTE: When updating the Delivered Versions screen, a table validation is performed on the TECHNICAL PACKAGE / RELEASE / HARDWARE / VERSION NUMBER / LANGUAGE OPTION group.

The different values for this group of data are entered in the TECHNICAL PACKAGES-VERSIONS Table (CH: TVE).

This screen is sorted by line number only. It is recommended to enter versions in descending order; the most recent being displayed in the screen's first line.

The first line of each Delivered Versions screen is automatically displayed in the List of Last Delivered Versions screen (CH: -LV).

This line is also displayed in the Definition screen of Events related to that Site and Technical Package/Release.

NOTE: It is recommended to use high line numbers when entering the first versions so as to provide for later insertions.

SCREEN ACCESS

The Delivered Versions screen may be accessed in several ways:

- From any site screen by entering '-V' in the CHOICE field.
- By entering the following in the CHOICE field:

CH: S*... V tp rel ____
with 'tp' as the technical package
and 'rel' as the release

This choice allows direct access to the Delivered Versions screen for a given Technical Package/Release.

NOTE: Input of the Technical Package and Release codes is required when:

- Initializing the corresponding screen,
- Requesting access from a given line number entered in the Choice field,
- Requesting access to a Technical Package / Release not positioned in the first line of the '-LV' screen.

NUMLEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
		The values for this field are defined in the TECHNICAL PACKAGES-VERSIONS Table (CH: Tve).
6	11	VOLUME NUMBER (REQUIRED)
7	8	DATE SENT (REQUIRED)
		The date entered in this field is the date when that particular version was sent to the Client Site.
		This date is formatted as follows: CCYYMMDD.
8	20	REMARK

List of Last Versions Delivered

The DSMS user company delivers a software product identified by a technical package, release number, and version if appropriate.

A technical package is the minimum unit necessary to install and implement the software product. The technical package may incorporate several successive releases.

A new release of a software product adds functionality to the preceding release.

However, a release may call for enhancements and corrections of bugs. Once these enhancements and corrections are implemented and validated by the Quality Control team, a new version of the product is delivered for a same release.

LIST OF LAST DELIVERED VERSIONS

This screen is for consultation only; it is automatically displayed by the DSMS System.

This list is a selective grouping of information entered in the Delivered Versions screens for one Site and one Product.

This screen displays the last delivered version for each Technical Package/Release.

SCREEN ACCESS

The Last Delivered Versions screen may be accessed in several ways:

- From the Site Definition screen by pressing the ENTER key.

- From any Site screen with '-LV' in the CHOICE field.
- By entering the following in the CHOICE field:

CH: S*... LV __ __

This choice allows for a direct access to the Last Delivered Versions screen for a given Technical Package/Release.

```

-----
VA Pac-DSMS          *****  S I T E  *****          USA
LAST VERSIONS DELIVERED      BELLPEN / 001

LT  REL  HDW  VER  L  DATE      VERSION NAME      SENT
PB  72   IMS  V08  E  20050130  VA PAC 3.5 IMS     20050201
PB  722  IMS  V04  E  20051025  VA PAC 3.5.1 IMS   20051030

* END OF LIST *
0: C1 CH: Sbellpen*001LV
-----

```

Definition of Client Contacts

In order to access a Client Contact's definition or to define a new Client Contact, the DSMS user enters the following in the CHOICE field:

CH: S*... C ____

The Site code can be replaced by '-' from a screen of the site.

The number entered after the 'C' identifies each Client Contact. The numbers do not need to be entered in a continuous sequence. If no number is entered, the Client Contact number 001 will automatically be displayed.

VA Pac-DSMS ***** S I T E ***** USA
 CLIENT CONTACT DEFINITION TEXANBANK / 001

NUMBER.....: 001
 TITLE.....: 1 MR
 LAST NAME.....: 2 WAYNE
 FIRST NAME.....: 3 JERRY
 MIDDLE NAME.....: 4
 NICKNAME.....: 5
 FUNCTION CODE.....: 6 TMN TECHNICAL MANAGER 7
 PRODUCT CODE.....: 8 P VisualAge Pacbase
 TECHNICAL PKG.....: 9 PX SOFTPAX
 SPECIAL.....: 10

 COMMENTS.....: 11

O: C1 CH: -C001

ACTION:

NUMLEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	2	TITLE (REQUIRED)
		This field contains the Contact's Title. For example: MR for Mr., MS for Ms., DR for Dr.
2	30	LAST NAME (REQUIRED)
3	15	FIRST NAME
4	15	MIDDLE NAME
5	15	NICKNAME
6	3	CLIENT CONTACT FUNCTION CODE (REQUIRED)
		This code identifies the Contact's function.
		Values for this field are found on an F-type line in the ATTRIBUTES Table (CH: Tat).
7	50	FUNCTION LABEL (REQUIRED)
		This field should be entered when the corresponding FUNCTION CODE has not been defined in the CONTACT AT- TRIBUTES Table (CH: Tat). Therefore, this label is specific to the Contact being defined.
8	3	PRODUCT CODE

NUMLEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
		The values for this field are defined in the PRODUCTS Table (CH: Tpr).
9	2	TECHNICAL PACKAGE CODE
		The values for this field are defined in the TECHNICAL PACKAGES-VERSIONS Table (CH: Tve). Mandatory if the RELEASE field is entered.
		This code identifies the Technical Package for which the Contact is responsible.
10	3	SPECIAL RESPONSIBILITY CODE
		This code allows the DSMS user to assign the Contact a level of responsibility different from the Function or the Technical Package entered in the preceding fields.
		Values for this field are defined in the CONTACT ATTRIBUTES Table (CH: Tat), on a R-type line.
11	50	COMMENTS

List of Client Contacts

This screen displays the list of individuals of the client company who are likely to contact the DSMS user company, i.e. their software supplier.

NOTE: These contacts are not to be confused with the 'contacts' of the DSMS user company, i.e. the supplier contacts who are listed in the Supplier Contacts screen.

The DSMS user accesses the List of Client Contacts by pressing the ENTER key from the Last Versions Delivered screen or by entering an explicit CHOICE:

CH: S*... LC ____ (accessed from any screen)

CH: -LC ____ (accessed from a site screen)

The three positions after 'LC' are used to enter an identification number for direct list access, as contacts are sorted by their identification number.

VA Pac-DSMS	*****	S I T E	*****	USA
CLIENT CONTACTS		TEXANBANK /	001	
NUM TL	NAME	FIRST NAME	PRO PK	SP. FCT
001 MR	WAYNE	JERRY	P PX	TMN
* END OF LIST *				
0: C1 CH: -LC				

Supplier Contacts

The Supplier Contacts screen is used to list the contacts operating in the DSMS user company, i.e. the Supplier, in relation to a given site.

This screen is accessed with the following input in the CHOICE field:

CH: S*... U ____

The optional input after the letter "U" is the line number.

The listed supplier contacts must have been previously defined in the USER DEFINITIONS Table (CH: Tud).

Input in the USER CODE field causes the USER LAST NAME to be displayed, and also the Function Code and Label if previously entered in that same table.

However, a site-specific function may be assigned to the Supplier Contact by creating another line with the same Supplier Contact code, in case he/she is already assigned a Function.

If not, the adequate Function code is to be entered in the same line.

NOTE: The Function Code must ALWAYS be defined in the CONTACT ATTRIBUTES Table.

NUMLEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
		NOTE: If a function has been assigned to the supplier contact in the USER DEFINITIONS Table (CH: Tud) the function code and its label will be displayed automatically after the CONTACT CODE is entered and the ENTER key pressed. However a site-specific function code may be assigned.

List of Sites

Sites can be listed in three different ways:

- By corporate name, for a given Subsidiary:
CH: LNS _____
- By code, all Subsidiaries considered:
CH: LCS _____*__ _
- By code, for a given Subsidiary:
CH: LSS _____*__ _

The lists are sorted in ascending alphabetical order.

The LNS and LSS lists take into account the Subsidiary to which the DSMS user is connected.

For each list item the following information is displayed:

- Site's code,
- Corporate name,
- Last line of the address, i.e its 3rd or 4th line.
- The latest Technical Package and Release delivered, i.e the latest version of the most recent release for the Technical Package considered (*).
- Hardware,
- The Number and the Language Option of the last Version delivered,
- Subsidiary,
- Region.

(*): Release codes must be in ascending order since they represent a chronology.

```

-----
VA Pac-DSMS          *****  S I T E  *****          USA
LIST BY CODE FOR THE SUBSID.

SITE CODE      CORPORATE NAME          PK REL HDW VER L SU REG
TEXANBANK*001  TEXAN BANK          PX 100 COS V14 E US U-W
                PARIS, TEXAS 99230

*** END ***
O: C1 CH: LSS
-----

```

List of Associated Events

It lists the Events associated with the Site you enter.

This list mentions the Event Numbers, their Input Date, their Type, Status, Gravity, Short Description.

In C1 option, the associated Changes are displayed on the right, while in C2 option, it is the Site-specific Event sequence number which is displayed.

This screen is displayed by entering in the Choice field:

```
CH: S ..... *... LE_ _____
```

Entering the site code and sub-code is required. "A" can be optionally entered after "LE" to display all the events or "C" to display the current events only, and the Event number from which the list is displayed.

You can also display this screen entering:

```
LSE_ ..... * ____
```

The required input is the site code. "A" or "C" can be optionally entered after "LSE". The optional three last characters represent the site sub-code.

(From another screen of the Site, the Site code can be replaced by a dash "-").


```

-----
VA Pac-DSMS          ****  E V E N T  *****  USA
SITE EVENTS - ALL          TEXABANK*001

NUMBER DATE      TY ST G SHORT DESCRIPTION          CHANGE
000152 20050629 S  C 2 USAGE DATE HOUR MESSAGE NUMBER FIELDS
                                                008270

O: C1 CH: -LE
-----

```

Site Comments

The SITE COMMENTS screen is displayed when you enter the following values in the CHOICE field:

CH: S*... G ____

Comments'lines on sites can be typed in on this screen.

The Site code can be replaced by '-' from a screen of the site.

A line number can be selected. This optional input is specified after the letter 'G' in the CHOICE field.

The Screen Initialization and Copy Command may be used for this screen.

Initialization and Transfer commands

The purpose of these commands is to facilitate the input of the comments on sites.

With these commands, you can copy lines from one site comments screen to another.

In order to Initialize or Transfer, activate the command in the target screen which receives the copied lines. Indicate in the command the origin of the lines to be copied (source).

PARTICULARITIES OF EACH COMMAND

The principle of both commands are similar. The differences are:

- the INITIALIZATION command requires two operations: after the first transmit, the requested source lines are displayed on the target screen, but not yet created in the Database. You have to transmit again to update the Database;
- the TRANSFER command copies in a single operation all the specified source lines into the target.

Initialization is, therefore, merely a copy proposal. The number of lines proposed is at most equal to the number of input lines of the target screen. You may modify the proposed lines (number or contents) before validating the copy.

Transferring allows you to copy more lines at one time. A maximum of all lines of the source may be transferred into the target. On the other hand, these lines are copied as they are: their contents and line numbers remain identical to the source.

NOTE :: In both cases, be careful not to accidentally modify existing lines of the target description. When you validate an initialization (2nd transmit) or when you transfer lines, if copied lines have the same number as lines which already exist, **THE LATTER WILL BE OVERRIDEN.**

SYNTAX OF THE COMMANDS

In one of the TARGET screen input lines, enter the following:

```
c Snnnnnnnn*mmm G fff lll
```

with : c = I for Initialization

T for Transfer

nnnnnnnn = site code

mmm = site sub-code

fff = Number of the first line copied
(optional; default = 1st existing line)

lll = Number of the last line copied
-> only for a Transfer command <-
(optional; default = last existing line)

The command code (I or T) must be input in the ACTION CODE field of the line. The LINE NUMBER must be blank. The indication of the source of the copy must be input in the LINE CONTENTS field.

INITIALIZATION EXAMPLE

Suppose you want to initialize the comment lines (-G) of a site (syldabank 001) starting with line n°200.

On your target site comments screen, enter:

```
I      Ssyldabank*001 G 200
```

After the first transmission, the target screen displays the lines copied, starting with line n°200. The first line proposed is displayed in the screen line in which you typed the I command. The number of proposed lines, therefore, depends on the number of input lines of the screen and on the position of the line in which you typed the command.

You can modify the contents of the proposed lines. If necessary, modify their number to avoid overriding an existing line. Transmit again to update the Database.

NOTE :: If you do not indicate the first line number to be copied, the system will propose lines starting from the first line existing in the specified source description.

TRANSFER EXAMPLES

Suppose you have to copy the comment lines of the 'syldabank 001' site into the current -G screen so as to keep the input grid (e.g. for a table) which exists in the source screen.

On your target -G screen, enter:

```
T      Ssyldabank*001 G
```

After transmitting, ALL the lines of the source -G screen are copied in the target -G screen. You may then enter your modifications.

You may limit the copy range. For example, suppose you want to transfer only the lines 150 to 270:

On the target -G screen, enter:

```
T      Ssyldabank*001 G 150 270
```

After transmitting, only the specified lines will be copied.

NOTE :: If the last line number is not specified, the copy will extend to the last existing line of the source screen. If no line number is specified, all existing lines of the source screen will be copied.

Chapter 3. Events

Introduction

There may be several reasons why a Client Contact calls a DSMS user company (i.e. the Supplier Contact):

- Lack of accurate information regarding the use of the Product,
- Software bug,
- Enhancement request.

If the Supplier Contact considers it is necessary to record the reason for a call, an Event must be created.

An Event is therefore a client request which is recorded by the DSMS user company for tracking and follow-up purposes.

EVENT MANAGEMENT

Event Description, Follow-up, and Story screens allow the DSMS user to describe and comment on the Event, and to check on the Event follow-up.

AVAILABLE LISTS

- List of Events associated with a Change sorted by Subsidiary and by Event number (CH: LCE.),
- List of Events sorted by creation date (CH: LDE.),
- List of Site Events sorted by Client Reference (CH: LIE.),
- List of Events sorted by Event number (CH: LNE.),
- List of Events by External number (CH: LRE.).
- List of Events of a given Site sorted by creation date (CH: LSE.),

```

-----
VA Pac-DSMS          *****  M E N U          *****          USA
EVENT
CHOICE
DEFINITION.....:      E  ___  _____
NATIVE DESCRIPTION.....:  E  ___  .....  DN  ___
TECHNICAL DESCRIPTION.....:  E  ___  .....  DT  ___
NATIVE FOLLOW-UP.....:    E  ___  .....  FN  ___
TECHNICAL FOLLOW-UP.....:  E  ___  .....  FT  ___

TRANSLATION.....:      E  ___  .....  T  ___
STORY.....:           E  ___  .....  S  _____

LISTS
EVENTS ASSOCIATED W/ CHANGE:      LCE+ .....  _  _____
EVENTS BY DATE.....:             LDE+ .....  _____
SITE EVENTS BY CLIENT REF...:     LIE+ .....*  _  _____
EVENTS BY NUMBER.....:           LNE+ .....  _____
EVENTS BY EXTERN. REFERENCE:     LRE+ .....  ..  _____
SITES EVENTS.....:              LSE+ .....*  _  _____

RETURN TO GENERAL MENU.....:      H

+ = 'C' FOR CURRENT EVENTS, 'A' FOR ALL EVENTS

O: C1 CH: HE
-----

```

Event Definition

In order to access the definition of an existing Event, the DSMS user enters the CHOICE field as follows:

CH: E ___

The optional input after the 'E' is the Event Prefix (or Site Short Code) followed by the Event number. The latter may be entered without the former.

Non-significant zeros need not be entered in an Event number.

NOTE: If an Event Prefix has been entered, it is the number of the Event in the Site-specific Event List that must be entered.

When defining a new Event, DSMS users simply enter 'E' in the CHOICE field; an Event Number is automatically assigned.

The DSMS System also displays the Site's short code (entered on the Site Definition screen) and the order number of the Event in the site-specific Event list.

When creating an Event, the following information is initialized:

- DATE ENTERED and COMMUNICATION DATE (both formatted CCYYMMDD),
- HOT-LINE CONTACT (user code entered at DSMS logon),
- NUMBER OF LISTINGS (Value = 0).

The TYPE, STATUS, and GRAVITY fields are initialized if the DSMS Manager has defined initialization values for these fields.

NOTE: If the fields TECHNICAL PACKAGE and RELEASE are entered, the values in the next three fields (VERSION CONCERNED) are automatically displayed by the system, according to the information entered in the first line of the Versions Delivered screen (CH: S.....*...V).

However, these three fields may have other values:

The DSMS user overrides the displayed values, or directly enters the desired values after inputting the TECHNICAL PACKAGE and RELEASE fields.

The REFERENCES field includes five sub-fields:

CLIENT REFERENCE,

EXTERNAL DSMS DATABASE CODE,

EXTERNAL PRODUCT CODE,

EXTERNAL SUBSIDIARY CODE,

EXTERNAL EVENT NUMBER.

The purpose of the last four fields is to notify that the Event proceeds from another DSMS Database and to specify its external references.

NOTE: If one of these four fields is entered, the other three must be entered also.

The DSMS System checks that the External Reference is not already used to reference another Event.

This implies that the TECHNICAL PACKAGE, RELEASE, HARDWARE, VERSION NUMBER, and LANGUAGE OPTION fields are entered in the Definition screen of the created Event.

The DSMS user may look up the List of Events by External Reference (CH: LREA or LREC) in order to check that the External Reference to be entered in the Event Definition is not already referencing another Event.

ADDITIONAL CONTROLS

A sub-routine allows you to add controls and initializations to the Event definition.

For details on these additional controls, refer to the Operations Manual, Chapter "Database Restoration (DRST)".

```

-----
VA Pac-DSMS          *****  E V E N T  *****          USA
DEFINITION

EVENT NUMBER.....:   152 ( BPA   12 )
TYPE.....: S  ENHANCEMENT  1
STATUS.....: C  CORRECTED  2
GRAVITY.....: I  IMPORTANT  3
SHORT DESCRIPTION..: Usage date hour message number fields  4
                                                           5

DATE ENTERED (CYMD): 20040629      6
SUPPLIER CONTACT...: PTXX   LEWIS  7
DATE CLOSED.....: 20041110      8
PHASES.....:
OPTIONS.....:
SITE.....: TEXANBANK  001  11-12
COMMUNICATION DATE.: 20050629      13
REFERENCES.....: X00133SDFG21114  15M016 17 185981 -----
+ |
NUMBER OF LISTINGS.: 0              19          | CREATION
TECH. PKG AND REL..: PX  100        20-21      | 06/29/2004 11:01:02
VERSION CONCERNED..: COS V08 E     | LAST UPDATE
                   22 23 24       | 09/21/2005 14:32:05
-----
ASSOCIATED CHANGE.: 25 0270  V

O: C1 CH: E152                                ACTION:
-----

```

NUMLEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	2	TYPE (REQUIRED)
		Values for this field are defined in the TYPE Table (CH: Tty).
2	2	STATUS (REQUIRED)
		Values for this field are defined in the STATUS CODE Table (CH: Tst).
3	1	GRAVITY (REQUIRED)
		Values for this field are defined in the GRAVITY CODES Table (CH: Tgr).
4	50	SHORT DESCRIPTION (1ST LINE) (REQUIRED)
		This area is designed to contain a short description of the Event/Change. It will appear in line *01 of the Event and Change Description screens (-DN and D), in the user's connection language.
5	50	SHORT DESCRIPTION (CONTINUED)
		Continuation line on line *02, of Event/ Change Short Description in the user's connection language.

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
6	8	NUMER.	DATE ENTERED (REQUIRED)
			Date when the Event/Change is entered in the DSMS System. Its format is: CCYYMMDD.
7	8		SUPPLIER CONTACT (REQUIRED)
			The User Code of the Supplier Contact is entered in this field.
			Values for this field are defined in the USER DEFINITION Table (CH: Tud).
			For further details, please refer to the "TABLES" Chapter, "USER DEFINITIONS" Subchapter.
8	8	NUMER.	DATE CLOSED
			This date is entered by the DSMS user when an Event or Change has been resolved and is closed.
			This field is formatted as follows: CCYYMMDD.
9	8		PHASE NUMBER OF REPETITIONS : 5
			The values for this field are defined in the PHASES Table (CH: Tph).
10	8		OPTION NUMBER OF REPETITIONS : 5
			The values for this field are defined in the OPTIONS Table (CH: Top).
11	9		SITE CODE (REQUIRED)
			This code corresponds to the physical site. It may contain from 1 to 9 alphanumeric characters. The asterisk (*) is not permitted in this code.
12	3		SITE SUB-CODE (REQUIRED)
			This code identifies a logical site. It may contain from 1 to 3 alphanumeric characters.
13	8	NUMER.	COMMUNICATION DATE (REQUIRED)
			The date entered in this field is the date when the event is reported to the Hot-Line Contact. It is formatted as: CCYYMMDD.
14	15		CLIENT REFERENCE (REQUIRED)
			The value in this field is the client site's reference (number or name) for this event.
15	4		EXTERNAL DSMS DATABASE CODE
			This code identifies the DSMS Database from which the Event has been extracted.

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
			If this field is entered, the next three fields must be entered also, as well as the TECHNICAL PACKAGE, the RELEASE, HARDWARE, VERSION, and LANGUAGE OPTION fields.
16	3		EXTERNAL PRODUCT CODE
			This code identifies the Product to which the Event was related in the DSMS Database from which it has been extracted.
			If this field is entered, the following fields must be entered also:
			EXTERNAL DSMS DATABASE CODE, EXTERNAL SUBSIDIARY CODE, EXTERNAL EVENT NUMBER,
			TECHNICAL PACKAGE, RELEASE, HARDWARE, VERSION, LANGUAGE OPTION.
17	2		EXTERNAL SUBSIDIARY CODE
			This code identifies the Subsidiary in which the Event was defined before its extraction and update to this DSMS Database.
			If this field is entered, the following fields must be entered also:
			EXTERNAL DSMS DATABASE CODE, EXTERNAL PRODUCT CODE, EXTERNAL EVENT NUMBER,
			TECHNICAL PACKAGE, RELEASE, HARDWARE, VERSION, LANGUAGE OPTION.
18	6	NUMER.	EXTERNAL EVENT NUMBER
			This number identified the Event in the DSMS Database from which it has been extracted.
			If this field is entered, the following fields must be entered also:
			EXTERNAL DSMS DATABASE CODE, EXTERNAL PRODUCT CODE, EXTERNAL SUBSIDIARY CODE,
			TECHNICAL PACKAGE, RELEASE, HARDWARE, VERSION, LANGUAGE OPTION.
19	2	NUMER.	NUMBER OF LISTINGS
20	2		TECHNICAL PACKAGE CODE
			The values for this field are defined in the TECHNICAL PACKAGES-VERSIONS Table (CH: Tve). Mandatory if the RELEASE field is entered.

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
21	3		RELEASE
			The values for this field are defined in the TECHNICAL PACKAGES-VERSIONS Table (CH: Tve). Mandatory if the TECHNICAL PACKAGE CODE field is entered.
22	3		HARDWARE
			The values for this field are defined in the TECHNICAL PACKAGES-VERSIONS Table (CH: Tve).
23	3		VERSION
			The values for this field are defined in the TECHNICAL PACKAGES-VERSIONS Table (CH: Tve).
24	1		VERSION LANGUAGE CODE
			The values for this field are defined in the TECHNICAL PACKAGES-VERSIONS Table (CH: Tve).
25	6	NUMER.	ASSOCIATED CHANGE
			Number of the Change associated to the Event. Numéro de l'amélioration associée à l'événement The Status code of the Change is automatically displayed when you transmit.

Event Description

Two Event Description screens are available:

- A NATIVE description CH: E DN
- A TECHNICAL description CH: E DT

The optional input after the 'E' is the Event Prefix (or Site Short Code) followed by the Event number (required).

NOTE: If an Event Prefix has been entered, it is the number of the Event in the Site-specific Event List that must be entered.

Event description lines are numbered sequentially, an optional line number can be entered for direct access.

The native language is the language used by the Client Site's Contact to communicate the Event to the DSMS Subsidiary Hot-Line.

The technical language refers to the language used internally by the DSMS Subsidiaries.

The Short Description entered in the Event Definition screen is automatically displayed in the "*01" (and "*02") numbered lines on the Event Native Description screen (-DN). These lines may be modified but not deleted.

DSMS users can assign keywords to an event in its Description screens.

Keywords assigned via an Event Native Description populate the Native Thesaurus specific to the Subsidiary in charge of the corresponding Site.

Keywords assigned via an Event Technical Description populate the Technical Thesaurus which includes all Subsidiaries.

NOTE: Up to 40 keywords may be associated with an Event.

A keyword has a maximum length of 13 characters.

```

-----
VA Pac-DSMS          *****  E V E N T  *****          USA
DESCRIPTION - NATIVE          000152

      <----- KEYWORDS ----->
ACTION:  2
1        USAGE          DATE          MESSAGE          NUMBER
        PCB

A LIN : <----- SHORT DESCRIPTION -----> LONG --->
3 4      5
*01 : Usage date hour message number fields
*02 :
100 : The USAGE clauses for date hour and message number fields
200 : in all TP PCBs except in S-IPCB are reversed.
      :
      :
      :
      :
      :
      :
      :
      :
      :
      :
*** END OF TEXT ***
0: C1 CH: E152DN
-----

```

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1		ACTION CODE
		C M D blank X	Explicit creation Explicit modification Deletion Implicit update Explicit update (creation/modification)
		E or -	Inhibit update (creation/modification)
2	55		KEYWORDS FIELD NUMBER OF REPETITIONS : 4
			This field is used for keyword input. Keywords must be separated by a blank character and cannot be longer than 13 characters. The asterisk (*) and the + sign are forbidden. First line for keywords
3	1		ACTION CODE
		I T	Initialization from another text Transfer from another text
		C M D B L blank X	Explicit creation Explicit modification Deletion Multiple deletion: deletion of lines up to an 'L' action code or up to the last line of the displayed screen Ending bound of a multiple deletion Implicit update (creation/modification) Explicit update (creation/modification)
		E or -	Inhibit update
4	3		LINE NUMBER

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
		*01 *02 000-999	Number of Event/Change first Short Description line, Number of Event/Change second Short Description line, Number of Event/Change description line.
5	50		SHORT DESCRIPTION LINE

Initialization and Transfer Commands

The purpose of these commands is to facilitate the input of the textual descriptions of Events and Changes.

With these commands, you can copy existing description or follow-up lines of an Event or Change into another Event or Change. The source Event/Change may be identical to the target: the lines of an entity's description can be copied into its follow-up.

In order to Initialize or Transfer, activate the command in the screen which displays the description receiving the copy (target). Indicate in the command the origin of the lines to be copied (source). These commands are available in the following target screens :

- Event
 - . Description - Native (-DN)
 - . Description - Technical (-DT)
 - . Follow-up - Native (-FN)
 - . Follow-up - Technical (-FT)
- Change
 - . Description (-D)
 - . Description - language X (-DX)
 - . Follow-up (-F)

The contents of any of these screens are possible sources for such a copy.

The principle of both commands are similar. The differences are:

- the INITIALIZATION command requires two operations: after the first transmit, the requested source lines are displayed on the target screen, but not yet created in the Database. You have to transmit again to update the Database;
- the TRANSFER command copies in a single operation all the specified source lines into the target.

Initialization is, therefore, merely a copy proposal. The number of lines proposed is at most equal to the number of input lines of the target screen. You may modify the proposed lines (number or contents) before validating the copy.

Transferring allows you to copy more lines at one time. A maximum of all lines of the source may be transferred into the target. On the other hand, these lines are copied as they are: their contents and line numbers remain identical to the source.

NOTE: In both cases, be careful not to accidentally modify existing lines of the target description. When you validate an initialization (2nd transmit) or when you transfer lines, if copied lines have the same number as lines which already exist, THE LATTER WILL BE OVERRIDEN.

Syntax of the Commands

In one of the TARGET screen input lines, enter one of the following:

```
c  E nnnnnn DN fff lll (Event - Description - Native)
c  E nnnnnn DT fff lll (Event - Description - Technical)
c  E nnnnnn FN fff lll (Event - Follow-up - Native)
c  E nnnnnn FT fff lll (Event - Follow-up - Technical)
c  C nnnnnn D  fff lll (Change - Description)
c  C nnnnnn DX fff lll (Change - Description - language X)
c  C nnnnnn F  fff lll (Change - Follow-up)
```

with : c = I for Initialization

 T for Transfer

 nnnnnn = Number of the source Event/Change

 fff = Number of the first line copied
 (optional; default = 1st existing line)

 lll = Number of the last line copied
 -> only for a Transfer command <-
 (optional; default = last existing line)

The command code (I or T) must be input in the ACTION CODE field of the line. The LINE NUMBER must be blank. The indication of the source of the copy must be input in the LINE CONTENTS field.

NOTE: If the source Event/Change is the same as the target, the entity code and number may be replaced by '-'.

Initialization and Transfer Examples

Suppose you want to initialize the Technical Description (-DT) of an Event (n°10485) from its Native Description (-DN), starting with line n°200.

On the Event's -DT screen, enter:

```
I      E 10485 DN 200
```

which can be abbreviated as

```
I      -DN 200
```

since the source is identical to the target (E 10485).

After the first transmission, the -DT screen displays the lines of the -D, starting with line n°200. The first line proposed is displayed in the screen line in which you typed the I command. The number of proposed lines, therefore, depends on the number of input lines of the screen and on the position of the line in which you typed the command.

You can modify the contents of the proposed lines. If necessary, modify their number to avoid overriding an existing line. Transmit again to update the Database.

NOTE: If you do not indicate the first line number to be copied, the system will propose lines starting from the first line existing in the specified source description.

TRANSFER EXAMPLES

Suppose you have to copy the description of a Change n°1520 into a Change n°1822 so as to keep the input grid (e.g. for a table) which exists in the source Change.

On the -D screen of the Change n°1822, enter:

```
T      C 1520 D
```

After transmitting, ALL -D lines of the Change n°1520 are copied in the -D of the Change n°1822. You may then enter your modifications.

You may limit the copy range. For example, suppose you want to transfer only the lines 150 to 270 of the Technical Follow-up (-FT) of Event 9813 into the Follow-up (-F) of the Change 1822.

On the Change's -F screen, enter:

```
T      E 9813 FT 150 270
```

After transmitting, only the specified -FT lines of Event 9813 will be copied.

NOTE: If the last line number is not specified, the copy will extend to the last existing line of the source description. If no line number is specified, all existing lines of the source description will be copied.

Event Follow-up

Two types of Event Follow-Up are available:

- A NATIVE Follow-Up (CH: E ___ FN ___)
- A TECHNICAL Follow-Up (CH: E ___ FT ___)

The optional input after the 'E' is the Event Prefix (or Site Short Code) followed by the Event number (required).

NOTE: If an Event Prefix has been entered, it is the number of the Event in the Site-specific Event List that must be entered.

Event Follow-Up lines are numbered sequentially, an optional line number can be entered for direct access.

The native language is the language used by the client site's contact to communicate the Event to the DSMS Subsidiary's Hot-Line.

The technical language is the language used internally by the DSMS Subsidiaries.

The Screen Initialization and Copy Command may be used for this screen.

The DSMS user accesses this screen by entering the following in the CHOICE field:

CH: E ___ T ___

The 3-character optional input after the 'E' is the Event Prefix (or Site Short Code) followed by the Event number (required).

NOTE: If an Event Prefix has been entered, it is the number of the Event in the Site-specific Event List that must be entered.

Event translation lines are numbered sequentially, an optional line number can be entered for direct access.

It is recommended to keep the same numbering sequence for both texts.

```

-----
VA Pac-DSMS          *****  E V E N T  *****          USA
TRANSLATION          000152

A LIN : DESCRIPTION
1 2 : 3
*01 : Usage date hour message number fields
*02 :
100 : The USAGE clauses for date hour and message number fields  NATIVE
200 : in all TP PCBs except in S-IPCB are reversed.
:
:
:
: =====
100 : Les usages associes aux date, heure et numero de message  TECHNIC.
200 : dans la description des Alternate et Express PCBs sont
300 : erronees.
:
:
:
:

*** END ***
O: C1 CH: E152T
-----

```

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1		ACTION CODE
		C M D B L blank X	Explicit creation Explicit modification Deletion Multiple deletion: deletion of lines up to an 'L' action code or up to the last line of the displayed screen Ending bound of a multiple deletion Implicit update (creation/modification) Explicit update (creation/modification)
		E or -	Inhibit update
2	3		LINE NUMBER
		*01 *02 000-999	Number of Event/Change first Short Description line, Number of Event/Change second Short Description line, Number of Event/Change description line.
3	50		SHORT DESCRIPTION LINE

Event Story

Each modification on the Event definiton screen corresponds, in the Event Story, to a line which includes all the information which is on this Event definition at the time of the modification.

C1 option displays the information entered in the Type, Status, Gravity, Date Closed, Supplier Contact, Site.

C2 option displays the information of the Date Entered, Communication Date, Tech. Pkg and Rel., Version Concerned, Associated Change.

C3 option displays the information of the Phases field and C4 option the information of the Options field.

C5 option displays the information of the Internal Reference and external reference fields.

The DSMS user accesses this screen by entering the following in the CHOICE field:

CH: E ___ S _____

The optional input on 3 characters after the 'E' is the Event Prefix (or Site Short Code) followed by the Event number (required). The two optional fields are the date and the time of the update.

Non-significant zeros can be omitted.

NOTE: If an Event Prefix has been entered, it is the number of the Event in the Site-specific Event List that must be entered.

The optional input after the letter "S" is the date and time from which the "Story" will start.

Includes: Event dates and Change numbers

O: C2 CH: LDEA _____
O: C2 CH: LDEC _____

Includes: Event dates, Site codes, and Event order numbers in the site-specific Event list, under the label SIT-NB

For details on the contents of these lists, please see topic "CONTENTS OF EVENT-RELATED LISTS" below.

2. LIST OF EVENTS FOR A GIVEN SITE

CH: LSEA*__ _____ for SITE'S EVENTS

CH: LSEC*__ _____ for SITE'S CURRENT EVENTS

The required input is the Site's mnemonic code.

The optional input is the Site's sub-code and an Event number from which the list will begin.

NOTE: If a prefix has been entered, it is the number of the Event in the Site-specific Event List that must be entered.

A user linked to a site can only view the events of this particular site.

The LSEA List is an exhaustive list, whereas the LSEC List only displays current Events, i.e. those Events which have not yet been closed (no input in the DATE CLOSED field on the Event Definition screen).

Both lists are sorted by Event number, in decreasing order. according to the value entered in the OPERATION CODE (O:) field:

O: C1 CH: LSEA*__ _____

O: C1 CH: LSEC*__ _____

Includes: Event Dates and Change numbers

O: C2 CH: LSEA*__ _____

O: C2 CH: LSEC*__ _____

Includes: Event dates and Event order numbers in the Site-specific Event list, under the label SIT-NB.

For details on the contents of these lists, please see topic "CONTENTS OF EVENT-RELATED LISTS" below.

3. LIST OF EVENTS ASSOCIATED WITH A CHANGE

CH: LCEA __ _____ EVTS ASSOCIATED WITH A CHANGE

CH: LCEC __ _____ CURRENT EVTS ASS. W/ A CHANGE

You can also enter the following choices which are strictly the same as those indicated above:

CH: C LEA ___ _____ EVTS ASSOCIATED WITH A CHANGE

CH: C LEC ___ _____ CURRENT EVTS ASS. W/ A CHANGE

The required input is the Change number.

The optional input is the Subsidiary code followed by an Event number from which the list will begin.

A user linked to a site can only view the events of this particular site.

The LCEA List is an exhaustive list, whereas the LCEC List only displays current Events, i.e. those Events which have not yet been closed (no input in the DATE CLOSED field on the Event Definition screen).

Both lists are sorted by Subsidiary first, and then by Event number.

Two display options are available for each list, according to the value entered in the OPERATION CODE (O:) field:

O: C1 CH: LCEA _ _ _____

O: C1 CH: LCEC _ _ _____

Includes: Change Short Description and Subsidiary codes

O: C2 CH: LCEA _ _ _____

O: C2 CH: LCEC _ _ _____

Includes: Site codes, Event order numbers in the Site-specific Event list (under the label SIT-NB), Subsidiary codes, and Change Short Description.

For details on the contents of these lists, please see topic "CONTENTS OF EVENT-RELATED LISTS" below.

4. LIST OF EVENTS BY NUMBER

CH: LNEA _____ for EVENTS BY NUMBER

CH: LNEC _____ for CURRENT EVENTS BY NUMBER

The optional input is the Event number from which the list will begin.

NOTE: A user linked to a site can only view the events of of this particular site.

The LNEA List is an exhaustive list, whereas the LNEC List only displays current Events, i.e. those Events which have not yet been closed (no input in the DATE CLOSED field on the Event Definition screen).

Both lists are sorted by Event number at the Subsidiary level.

Two display options are available for each list, according to the value entered in the OPERATION CODE (O:) field:

O: C1 CH: LNEA _____
O: C1 CH: LNEC _____

Includes: Event dates and Change numbers

O: C2 CH: LNEA _____
O: C2 CH: LNEC _____

Includes: Event dates, Site codes, and Site-specific
Event order number, under the label of SIT-NB.

For details on the contents of these lists, please see topic "CONTENTS OF EVENT-RELATED LISTS" below.

5. LIST OF EVENTS BY EXTERNAL REFERENCE

This list itemizes all External References already used to reference Events which proceed from other DSMS Database(s), for a given Product and Subsidiary.

It is used in order to check that an intended External Reference is not already used to reference another Event: an External Reference can reference one Event only.

CH: LREA _____
CH: LREC _____

The required input after 'LRE.' is the External Database Code, the External Product Code, and the External Subsidiary Code.

The following and optional input is the External Event Number from which the list will start, possibly followed by the actual Event Number.

NOTE: A user with restricted authorizations on a site views the events under their site code.

The LREA List is an exhaustive list, whereas the LREC have not yet been closed (no input in the DATE CLOSED field on the Event Definition screen).

Two display options are available for each list, according to the value entered in the OPERATION CODE (O:) field:

O: C1 CH: LREA _____
O: C1 CH: LREC _____

Includes: Technical Package code, Release number, and associated Hardware code.

0: C2 CH: LCEA _____
0: C2 CH: LCEC _____

Includes: Site code and number.

For details on the contents of these lists, please see topic "CONTENTS OF EVENT-RELATED LISTS" below.

6. LIST OF EVENTS BY SITE AND BY INTERNAL REFERENCE

The list is obtained by entering the following in the choice field:

CH: LIEA _____*... for ALL EVENTS
CH: LIEC _____*... for CURRENT EVENTS

The first input, which is required, represents the first nine characters of the site code. The second, which is optional, represents the sub-site code. The third and final input represents the internal reference (for more accurate positioning).

The LIEA list is exhaustive, whereas LIEC list only displays the current Events, that is to say those with an empty DATE CLOSED field on the definition screen.

Both lists are sorted by internal reference and by decreasing event number.

Two display options are available for each list, according to the value entered in the OPERATION CODE field:

0: C1 CH: LIEA _____
0: C1 CH: LIEC _____

Includes: Events internal reference and their title.

0: C2 CH: LIEA _____
0: C2 CH: LIEC _____

Includes: Events internal reference, change number, number sorted by site, as well as the associated version.

Contents of Event-related Lists

CONTENTS OF EVENT-RELATED LISTS

All Event-related lists display the following information on each Event:

- Number,
- Type, (only on C2 screen for LIE.)
" " " " " "
- Status, " " " " " "
- Gravity, " " " " " "
- Short description (abbreviated title with the C2 options and in the 'LRE.' lists. Only on C1 screen for LIE.).

Variants between Event lists are presented in the following chart:

LIST	CRE. DATE	SITE CODE	SIT- NB	SUBS CODE	CHG NB	CHG. TIT.	EXT NB	TEC PKG	REL	HDW	INT REF
LDE.	YES				YES						
LDE./C2	YES	YES	YES								
LSE.	YES	-			YES						
LSE./C2	YES	-	YES								
LCE.				YES	-	YES					
LCE./C2		YES	YES	YES	-	YES					
LNE.	YES				YES						
LNE./C2	YES	YES	YES								
LRE.							YES	YES	YES	YES	
LRE./C2		YES	YES				YES				
LIE.											YES
LIE./C2			YES		YES			YES	YES	YES	YES

The reader will find below screen images of the two display options of the LDEA list, followed by the LREA list.

VA Pac-DSMS ***** E V E N T ***** USA
LIST BY DATE - ALL

DATE	NUMBER	TY	ST	G	SHORT DESCRIPTION	CHANGE
20041119	000172		A	I	Usage date hour message number fields	000059

*** END ***
O: C1 CH: LDEA

```

-----
VA Pac-DSMS          *****  E V E N T  *****          USA
LIST BY DATE - ALL

DATE      NUMBER TY ST G SHORT DESCRIPTION (TRUNCATED)  SITE CODE  SIT-NB
20041119 000152   0  I Usage date hour message number  CGISYST   27200007

*** END ***
0: C2 CH: LDEA
-----

```

VA Pac-DSMS ***** E V E N T ***** USA
LIST BY EXT. REF. - ALL DSM0 PRO AU

REF NB	NUMBER	TY	ST	G	SHORT DESCRIPTION (TRUNCATED)	TP	REL	HDW
000851	6	S	C	I	Erroneous Display	PX	100	COS
009521	93	S	C	I	Anomaly in Printed Report	PX	100	COS
125981	152	S	C	I	Usage date hour message number fields	PX	100	COS

*** END ***

O: C1 CH: LREA dsm0 proau

Chapter 4. Changes

Introduction

An Event often becomes a Change request regarding the Product developed by the DSMS user company.

The Change management process involves the following sequence of steps:

- Definition,
- Description (and Translation if needed),
- Technical Follow-up,
- Declaration of Elements affected by the Change,
- Notification of Elements Modified,
- Quality Control of the modified Product Versions.

A specific screen is used for each one of these steps.

AVAILABLE LISTS

- List of Changes cross-referenced to a given entity (CH: XS.),
- List of Changes sorted by creation date (CH: LDC.),
- List of Changes sorted by number (CH: LNC.),
- List of Changes by External Reference (CH: LRC.)

```

-----
VA Pac-DSMS                ***** M E N U *****                USA
CHANGE

                                CHOICE
DEFINITION.....:          C _____
DESCRIPTION.....:          C ..... Du ____
ELEMENTS CONCERNED.....:      C ..... C ____
DETAIL OF MODIFIED ELEMENTS.:  C ..... M ____
DETAIL OF MODIFIED U.E.....:  C ..... U ____
TECHNICAL FOLLOW-UP.....:      C ..... F ____
QUALITY-CONTROLLED VERSIONS.:  C ..... Q ____

STORY.....:                  C ..... S _____
TRANSLATION.....:             C ..... Tu1 ____
OTHER DESCRIPTION.....:        C ..... D1 ____
ASSOCIATED EVENTS.....:        C ..... LE*  ____

LISTS
CHANGES BY DATE.....:         LDC*  _____
CHANGES BY NUMBER.....:        LNC*  _____
CHANGES BY EXTERNAL REF.....:   LRC*  .....
CHANGES BY ENTITY.....:         XS*  _____

RETURN TO GENERAL MENU.....:    H

u= USER'S DEF/LANGUAGE  1= OTHER LANGUAGE  *= 'C'->CURRENT CHANGES, 'A'->ALL

O: C1 CH: HC
-----

```

Change Definition

In order to access the definition of an existing Change, enter the following command in the CHOICE field:

CH: C

where '....' is the Change Number.

Non-significant zeros need not be entered.

To define a new Change, type C in the CHOICE field. Then fill the necessary fields with adequate values and press ENTER. The system automatically assigns a number to the new Change.

When you create a Change, the following information is initialized:

- DATE ENTERED (formatted CCYYMMDD)
- NUMBER OF LISTINGS (Value = 0),
- CHANGE SUPERVISOR (user code entered at DSMS logon).

The TYPE, STATUS, and GRAVITY fields are initialized if the DSMS Manager has defined initialization values for these fields.

NOTE: The HARDWARE field must be filled with at least one hardware value. This value should be consistent with the TECHNICAL PACKAGE and RELEASE, since the system checks it against the Technical Packages-Versions (TVE) Table.

Value *** means 'all types of hardware'; it is exclusive of all other possible values.

At least one Short Description line must be entered. Since this title is displayed on the Change Description screen, it should be entered in the user's default language for consistency purposes. Change titles are also displayed in Change Lists.

The REFERENCES field includes four sub-fields:

- VA Pac REFERENCE (not controlled)
- EXTERNAL DSMS DATABASE CODE,
- EXTERNAL PRODUCT CODE,
- EXTERNAL CHANGE NUMBER.

The purpose of these fields is to notify that the Change proceeds from another DSMS Database and specify its external references.

NOTE: If one of these three fields is entered, the other two must be entered also.

The DSMS System checks that the external reference is not already used to reference another Change.

NOTE: For a given external DSMS Database and Product, one External Change number may be assigned to several Changes if these Changes are associated with different sets of 'Technical Package, Release and Hardware'.

The DSMS user may look up the List of Changes by External Reference (CH: LRCA or LRCC) in order to check that the External Reference to be entered in the Change Definition is not already referencing another Change.

In order to associate an Event with a Change, the DSMS user has to input this Change number in the 'Associated change' field of the Event Definition screen.

The ASSOCIATED EVENTS field displays Events defined within the Subsidiary the DSMS user is connected to, and which have been associated with the Change. This display is limited to the first 24 Events.

The complete list of associated events (all Subsidiaries) may be obtained by the LCE* choice.

ADDITIONAL CONTROLS

A sub-routine allows you to add controls and initializations to the Change definition.

For details on these additional controls, refer to the Operations Manual, Chapter "Database Restoration (DRST)".

```

-----
VA Pac-DSMS          ***** C H A N G E *****          USA
CHANGE DEFINITION

NUMBER.....:      270
TYPE.....:      B  BUG          1
STATUS.....:      V  VALIDATED  2
GRAVITY.....:      I  IMPORTANT  3
DATE ENTERED.....: 20031023     4
DATE CLOSED.....:          5
TECH.PKG. RELEASE.: PX 100      6-7
HARDWARE.....:      COS          8
PHASES.....:          9
OPTIONS.....:         10
NUMBER OF LISTINGS: 0           11
SHORT DESCRIPTION.: Usage date hour message number fields 12
                                                           13
                                                           14
CHANGE SUPERVISOR.: PTXXX      LEWIS
REFERENCES.....: 15           16M0 U 173566
+ |
WORKLOAD.....:      2 H   2 H   2 H   18
ASSOCIATED EVENTS.:      6223   6457

O: C1 CH: C152                                ACTION:
-----

```

NUMLEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1 2		TYPE (REQUIRED)
		Values for this field are defined in the TYPE Table (CH: Tty).
2 2		STATUS (REQUIRED)
		Values for this field are defined in the STATUS CODE Table (CH: Tst).
3 1		GRAVITY (REQUIRED)
		Values for this field are defined in the GRAVITY CODES Table (CH: Tgr).
4 8	NUMER.	DATE ENTERED (REQUIRED)
		Date when the Event/Change is entered in the DSMS System. Its format is: CCYYMMDD.
5 8	NUMER.	DATE CLOSED
		This date is entered by the DSMS user when an Event or Change has been resolved and is closed.
		This field is formatted as follows: CCYYMMDD.
6 2		TECHNICAL PACKAGE CODE (REQUIRED)

NUMLEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
		The values for this field are defined in the TECHNICAL PACKAGES-VERSIONS Table (CH: Tve). Mandatory if the RELEASE field is entered.
7	3	RELEASE (REQUIRED)
		The values for this field are defined in the TECHNICAL PACKAGES-VERSIONS Table (CH: Tve). Mandatory if the TECHNICAL PACKAGE CODE field is entered.
8	3	HARDWARE (REQUIRED) NUMBER OF REPETITIONS : 5
		The values for this field are defined in the TECHNICAL PACKAGES-VERSIONS Table (CH: Tve).
9	8	PHASE NUMBER OF REPETITIONS : 5
		The values for this field are defined in the PHASES Table (CH: Tph).
10	8	OPTION NUMBER OF REPETITIONS : 5
		The values for this field are defined in the OPTIONS Table (CH: Top).
11	2	NUMER. NUMBER OF LISTINGS
12	50	SHORT DESCRIPTION (1ST LINE) (REQUIRED)
		This area is designed to contain a short description of the Event/Change. It will appear in line *01 of the Event and Change Description screens (-DN and D), in the user's connection language.
13	50	SHORT DESCRIPTION (CONTINUED)
		Continuation line on line *02, of Event/ Change Short Description in the user's connection language.
14	8	CHANGE SUPERVISOR (REQUIRED)
		Values for this field are defined in the USER DEFINITIONS Table (CH: Tud).
		For further details, please refer to the "TABLES" Chapter, "USER DEFINITIONS" Subchapter.
15	4	EXTERNAL DSMS DATABASE CODE
		This code identifies the DSMS Database from which the Change has been extracted.
		If this field is entered, the next two fields must be entered also.
16	3	EXTERNAL PRODUCT CODE

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
			This code identifies the Product to which the Change was related in the DSMS Database from which it has been extracted.
			If this field is entered, the following fields must be entered also:
			EXTERNAL DSMS DATABASE CODE, EXTERNAL CHANGE NUMBER.
17	6	NUMER.	EXTERNAL CHANGE NUMBER
			This number identified the Change in the DSMS Database from which it has been extracted.
			If this field is entered, the following fields must be entered also:
			EXTERNAL DSMS DATABASE CODE, EXTERNAL PRODUCT CODE.
18			GROUP FIELD NUMBER OF REPETITIONS : 3
	2		WORKLOAD AMOUNT
			One to two numeric characters. This value indicates the number of WORKLOAD UNITS necessary to implement the Change request. See the next field for a description of the WORKLOAD UNIT.
	1		WORKLOAD UNIT
			One alphanumeric character. This value defines the Workload Unit. For example, 'M' for month, 'W' for week, or 'D' for day.
			It is not checked by the system.

Change Description

The Change Description screen is accessed with the following input in the CHOICE field:

CH: C D _ ____

The optional input after the letter "D" is the language code. By default, it is the language assigned to the user in the USER DEFINITIONS Table.

Change description lines are numbered sequentially, an optional line number can be entered for direct access.

The title entered in the Change Definition screen is automatically displayed in the "*01" (and "*02") numbered lines in the Change Description of the same language option.

You can assign keywords to Changes on their Description Screens.

Keywords populate the Change-related thesaurus of the same language option.

NOTE: Up to 40 keywords may be associated with a Change.

A keyword has a maximum length of 13 characters.

```

-----
VA Pac-DSMS          ***** C H A N G E *****          USA
DESCRIPTION - English          000152

          <----- KEYWORDS ----->
ACTION:   2
1         USAGE          DATE          MESSAGE          NUMBER
          PCB

A LIN : <----- SHORT DESCRIPTION -----> LONG ---->
3 4      : 5
*01 : Usage date hour message number fields
*02 :
100 : The USAGE clauses for date hour and message number fields
200 : in all TP PCBs except in S-IPCB are reversed.
      :
      :
      :
      :
      :
      :
      :
      :
      :
*** END OF TEXT ***
O: C1 CH: C152D
-----

```

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1		ACTION CODE
		C M D blank X	Explicit creation Explicit modification Deletion Implicit update Explicit update (creation/modification)
		E or -	Inhibit update (creation/modification)
2	55		KEYWORDS FIELD NUMBER OF REPETITIONS : 4
			This field is used for keyword input. Keywords must be separated by a blank character and cannot be longer than 13 characters. The asterisk (*) and the + sign are forbidden. First line for keywords
3	1		ACTION CODE
		I T	Initialization from another text Transfer from another text
		C M D B L blank X	Explicit creation Explicit modification Deletion Multiple deletion: deletion of lines up to an 'L' action code or up to the last line of the displayed screen Ending bound of a multiple deletion Implicit update (creation/modification) Explicit update (creation/modification)
		E or -	Inhibit update
4	3		LINE NUMBER

NUMLEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
	*01 *02 000-999	Number of Event/Change first Short Description line, Number of Event/Change second Short Description line, Number of Event/Change description line.
5	50	SHORT DESCRIPTION LINE

Initialization and Transfer Commands

The purpose of these commands is to facilitate the input of the textual descriptions of Events and Changes.

With these commands, you can copy existing description or follow-up lines of an Event or Change into another Event or Change. The source Event/Change may be identical to the target: the lines of an entity's description can be copied into its follow-up.

In order to Initialize or Transfer, activate the command in the screen which displays the description receiving the copy (target). Indicate in the command the origin of the lines to be copied (source). These commands are available in the following target screens :

- Event
 - . Description - Native (-DN)
 - . Description - Technical (-DT)
 - . Follow-up - Native (-FN)
 - . Follow-up - Technical (-FT)
- Change
 - . Description (-D)
 - . Description - language X (-DX)
 - . Follow-up (-F)

The contents of any of these screens are possible sources for such a copy.

The principle of both commands are similar. The differences are:

- the INITIALIZATION command requires two operations: after the first transmit, the requested source lines are displayed on the target screen, but not yet created in the Database. You have to transmit again to update the Database;
- the TRANSFER command copies in a single operation all the specified source lines into the target.

Initialization is, therefore, merely a copy proposal. The number of lines proposed is at most equal to the number of input lines of the target screen. You may modify the proposed lines (number or contents) before validating the copy.

Transferring allows you to copy more lines at one time. A maximum of all lines of the source may be transferred into the target. On the other hand, these lines are copied as they are: their contents and line numbers remain identical to the source.

NOTE: In both cases, be careful not to accidentally modify existing lines of the target description. When you validate an initialization (2nd transmit) or when you transfer lines, if copied lines have the same number as lines which already exist, **THE LATTER WILL BE OVERRIDEN.**

Syntax of the Commands

In one of the TARGET screen input lines, enter one of the following:

```
c  E nnnnnn DN fff lll (Event - Description - Native)
c  E nnnnnn DT fff lll (Event - Description - Technical)
c  E nnnnnn FN fff lll (Event - Follow-up - Native)
c  E nnnnnn FT fff lll (Event - Follow-up - Technical)
c  C nnnnnn D  fff lll (Change - Description)
c  C nnnnnn DX fff lll (Change - Description - language X)
c  C nnnnnn F  fff lll (Change - Follow-up)
```

with : c = I for Initialization

 T for Transfer

 nnnnnn = Number of the source Event/Change

 fff = Number of the first line copied

 (optional; default = 1st existing line)

 lll = Number of the last line copied

 -> only for a Transfer command <-

 (optional; default = last existing line)

The command code (I or T) must be input in the ACTION CODE field of the line. The LINE NUMBER must be blank. The indication of the source of the copy must be input in the LINE CONTENTS field.

NOTE: If the source Event/Change is the same as the target, the entity code and number may be replaced by '-'.

Initialization and Transfer Commands

Suppose you want to initialize the Technical Description (-DT) of an Event (n°10485) from its Native Description (-DN), starting with line n°200.

On the Event's -DT screen, enter:

```
I      E 10485 DN 200
```

which can be abbreviated as

```
I      -DN 200
```

since the source is identical to the target (E 10485).

After the first transmission, the -DT screen displays the lines of the -D, starting with line n°200. The first line proposed is displayed in the screen line in which you typed the I command. The number of proposed lines, therefore, depends on the number of input lines of the screen and on the position of the line in which you typed the command.

You can modify the contents of the proposed lines. If necessary, modify their number to avoid overriding an existing line. Transmit again to update the Database.

NOTE: If you do not indicate the first line number to be copied, the system will propose lines starting from the first line existing in the specified source description.

TRANSFER EXAMPLES

Suppose you have to copy the description of a Change n°1520 into a Change n°1822 so as to keep the input grid (e.g. for a table) which exists in the source Change.

On the -D screen of the Change n°1822, enter:

```
T      C 1520 D
```

After transmitting, ALL -D lines of the Change n°1520 are copied in the -D of the Change n°1822. You may then enter your modifications.

You may limit the copy range. For example, suppose you want to transfer only the lines 150 to 270 of the Technical Follow-up (-FT) of Event 9813 into the Follow-up (-F) of the Change 1822.

On the Change's -F screen, enter:

```
T      E 9813 FT 150 270
```

After transmitting, only the specified -FT lines of Event 9813 will be copied.

NOTE: If the last line number is not specified, the copy will extend to the last existing line of the source description. If no line number is specified, all existing lines of the source description will be copied.

Technical Follow-up

The DSMS user accesses the Change Follow-Up screen by entering the following input in the CHOICE field:

CH: C F ____

Follow-up lines are numbered sequentially. A line number can be entered after the 'F'.

The Screen Initialization and Copy commands can be used for this screen.

```

-----
VA Pac-DSMS          ***** C H A N G E *****          USA
TECHNICAL FOLLOW-UP          000152

1 2      3
A LIN : <----- DESCRIPTION ----->
 100 : Problem solved. The USAGE clauses are no longer reversed.
    :
    :
    :
    :
    :
    :
    :
    :
    :
    :
    :
    :
    :
    :
    :
    :
    :
*** END OF TEXT ***
O: C1 CH: C152F
-----

```

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1		ACTION CODE
		I T	Initialization from another text Transfer from another text
		C M D B L blank X	Explicit creation Explicit modification Deletion Multiple deletion: deletion of lines up to an 'L' action code or up to the last line of the displayed screen Ending bound of a multiple deletion Implicit update (creation/modification) Explicit update (creation/modification)
		E or -	Inhibit update
2	3	NUMER.	LINE NUMBER
		'000-999'	1 to 3 numeric characters.
3	50		FOLLOW-UP DESCRIPTION

Detail of Elements Concerned by Change

The Detail of Concerned Elements screen is used to declare which VisualAge Pacbase entity occurrences can be modified subsequently to the Change request and which users are authorized to modify these entity occurrences.

This screen is accessed via the following input in the CHOICE field:

```
CH: C ccccc C BASE LIB SESSI TYP ELEMENT
with: ccccc as Change number
      BASE  as affected database   (optional)
      LIB   as Library code        (optional)
      SESSI as Session number      (optional)
      TYP   as Entity or Element type (optional)
      ELEMENT as Entity or Element code (optional)
```

C ccccc may be replaced with -C when requested from another screen of the Change.

Any user can create lines but the users with an authorization level lower than 5 necessarily have a "N" Line Source /Status. Only users with an authorization level of 5 can delete or change this screen.

Only users granted an authorization level of 5, usually Change Supervisors, can update this screen.

SCREEN CONTENTS

This screen contains the following data:

- AUTHORIZED USER CODES,
- DATABASE and LIBRARY CODES, SESSION NUMBERS and TYPES (all required),
- ENTITY TYPES: Program, Segment, etc.,
- OCCURRENCE CODES,
- LINE SOURCE/STATUS (required),
- LOCKED ENTITY TYPES, including USER ENTITY TYPES. These fields are displayed only in the C1 option.
- LAST UPDATE: USER, DATE, and TIME. These fields automatically display the code of the user who performed the last update of each '-C' line and when it was performed. This information is displayed only in the C2 option screen.

Both display options are described in this subchapter. They have the same input fields.

OPERATING MODE

By declaring that an entity occurrence is to be modified due to the Change, the Change Supervisor allows the entity occurrence update in relation to the specified Change as follows:

When both ENTITY TYPE and CODE fields are entered, updates are allowed on this entity occurrence.

When the ENTITY TYPE is entered and the ENTITY CODE field is left blank, updates are not allowed on any occurrence of this entity type.

If neither the ENTITY TYPE nor the ENTITY CODE is entered, updates are allowed on all entities. If neither the ENTITY TYPE nor the ENTITY CODE is entered, it will be impossible to modify those two fields later on.

Exception: the entity types which are locked on the Database/Library Lock (PL) screen and also displayed on this screen IF the specified DATABASE - LIBRARY - SESSION NUMBER coincide with the DATABASE - LIBRARY - SESSION TYPE entered in a 'PL' screen.

However, update locks entered on the 'PL' screen can be unlocked on this screen by entering 'PL'-locked entity type(s), and the "*****" generic occurrence code(s) or specific occurrence code(s).

For information on the 'PL' screen, the reader should refer to Chapter "DATABASE/LIBRARY LOCK".

A special Detail of Concerned Elements screen (CH: C999999C) allows the Change Supervisor to inhibit for up to 16 users all DSMS control over their updates in the Database.

Only the AUTHORIZED USER CODES fields can be entered in this screen.

As a result, by entering the '999999' Change number in the Sign-On screen, these users are allowed to update any entity in the Database (according to their respective Access Authorization Level).

Change Supervisors qualify DSMS control on the occurrences concerned by a Change by specifying the implementation status of the Change in the specified Database.

This implementation status is entered in the LINE SOURCE/STATUS (L/S) field.

The '*' character has a generic value if it is used to replace all the characters of a code or the last character(s) of a code. It cannot be used as such at the beginning or in the middle of a character string.

IMPLEMENTATION

When a user signs on, a validation is performed on the Change Number he/she entered on the Sign-On screen against the data entered on the Detail of Concerned Elements screen. Updates can only be performed on occurrences or entity types authorized for the user in this specific environment.

The Change Number '000000' allows users to access the Database for consultation only.

If no User Code is entered on the Detail of Concerned Elements screen, listed occurrences cannot be updated (except by users assigned the '999999' Change number). However if these occurrences also concern other Changes for which users are allowed, these occurrences can be updated.

OCCURRENCES OF ENTITIES MANAGED BY THE WORKSTATION

A Change may concern occurrences managed by the WorkStation; entity occurrences specific to the installed version, such as a conceptual Data Model (Merise), or occurrences of standard entities such as Program, but some descriptions of which are specific to the installed version (Tasks Performed of a program for the Merise method).

These entities and these descriptions are supported by User Entities (UEs) in VisualAge Pacbase. Their type is identified by their call type (on 3 characters).

EXAMPLE:: If the Tasks Performed Description of the PGM001 Program is concerned by the Change, the user must input \$2U in the entity TYPE and PGM001 in the occurrence CODE. To display the list of the call types of Entities and descriptions specific to the method used, see the GPRT procedure, PCM command followed by the code of the method installed.

For more details, refer to the User Interface Guide, Chapter 'GENERATION AND/OR PRINTING'.

```

-----
VA Pac-DSMS          ***** C H A N G E *****          USA
DETAIL OF ELEMENTS CONCERNED  000152

1    2
A  AUTHORIZED USER CODES
   PTAD      PTED

3    4    5    6    7    8    9
   BASE LIB SESS ENT ENTITY : L LOCKED ENTITY TYPES
                        NUM  TYP CODE : S BDEFIKMOPQRSTU* USER ENTITY TYPES
SG28 T00 2660T P       : A
SG29 T00 9999 P ***** : A
                        :
                        :
                        :
                        :
                        :
                        :
                        :
                        :
                        :
                        :
                        :
0: C1 CH: C1C
-----

```


NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	3		LIBRARY CODE (REQUIRED)
6	5		SESSION NUMBER (REQUIRED)
			The first four characters must be numeric. The letter T in the fifth position specifies the Test version of a frozen session.
		9999	Current session.
		*****	Current and all test sessions.
7	3		ENTITY TYPE
		* B D E F I K M O P Q R S T U V	Library Database Block Data Structure Data Element User Entity Parameterized Input Aid Keyword PacModel Entity Screen Program Relationship Report Segment Text User Manual Volume
		** or ***	All types of Entities
		\$**	All types of User Entities
		\$tt	'tt' type User Entity
		Xxx	This value is used to identify a non-VA Pac entity, it can only be entered in the Detail of Modified Elements screen (CH: C M).
8	6		ENTITY CODE
			In this field, you can enter an entity code, an * to represent all the entity codes, and one or several characters followed with an *. In this case, VisualAge Pacbase selects and checks all the entity codes starting with the characters you entered.
9	1		LINE SOURCE / STATUS (REQUIRED)
			This field is used to specify the Change status regarding its implementation in a Database.
			As a result, DSMS control over occurrence updates includes this additional access control feature expressed by one of the following values:
			1. The concerned occurrence can be updated:
		'A'	Change authorized (default value),
			2. The concerned occurrence CANNOT be updated:
		'C'	- Change closed (the occurrence has already been modified),

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
		'N'	- Change not scheduled or suspended. This value is required for the users who want to create lines of Concerned Elements by Change but whose authorization level is lower than 5. "N" will be the default value displayed for these users. This creation will be taken into account only if a user with an authorization level of 5 changes the Line Source /Status to "A".

Detail of Modified Elements

The purpose of this screen is to list the elements which have been modified in order to implement the requested Change.

Each line corresponds to a corrected Element.

The DSMS user accesses the Detail of Modified Elements screen by entering the following input in the CHOICE field:

```
CH: C ccccc M BASE LIB SESSI TYP ELEMENT
with: ccccc as Change number
      BASE as affected database (optional)
      LIB as Library code (optional)
      SESSI as Session number (optional)
      TYP as Entity or Element type (optional)
      ELEMENT as Entity or Element code (optional)
```

C ccccc may be replaced with '-' when entered in another screen of this particular Change.

Only users granted an authorization level of 4 or 5 can update this screen.

The screen contains the following data:

- DATABASE, LIBRARY, SESSION,
- ENTITY TYPE: program, documentation, etc.,
- ELEMENT Name,
- UPDATE TYPE (creation, deletion, modification)
- CORRECTOR'S CODE (Default: user code entered at DSMS logon),
- DATE corrected.
- UPDATE day session,
- UPDATE SOURCE ("T" column): From VisualAge Pacbase Archived Journal File ("G") with the DEXP procedure, or manual updating ("U").

This is a display only field.

For complete information on the DEXP procedure, refer to the DSMS Operations Manual.

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
		** or ***	All types of Entities
		\$**	All types of User Entities
		\$tt	'tt' type User Entity
		Xxx	This value is used to identify a non-VA Pac entity, it can only be entered in the Detail of Modified Elements screen (CH: C M).
6	8		ELEMENT (REQUIRED)
			The value entered in this field is the external name of the Element. The content of this field is not validated.
7	1		TYPE DU CODE
8	1		UPDATE TYPE
		C M D B blank	Explicit creation Explicit modification Deletion Multiple deletion Implicit modification (creation/modification)
9	8		CORRECTOR'S USER CODE (REQUIRED)
10	10		DATE CORRECTED
			This date is formatted as follows: CCYYMMDD.
11	4		UPDATE SESSION NUMBER
			Number of the session of the day when the elements have been modified.

User entities corrected

The purpose of the 'Large codes for modified U.E.' screen is to list the User entities modified in order to implement the requested change.

The DSMS user accesses this screen by entering the following input in the CHOICE field:

```

CH: C ccccc U BASE LIB SESSI TYP LONG CODE
avec : ccccc as change number
      BASE as affected database (optional)
      BIB as Library code (optional)
      SESSI as Session number & Type (optional)
      TYP as Entity or element type (optional)
      LONG COD as Entity or element long code (optional)

```

C ccccc may be replaced with '-' when entered in another screen of this particular Change.

The user can also access this screen from the 'Detail of modified element' screen (-M), he/she just has to set his/her cursor on a field of column 'C' whose long code value is 'L' and to press PF10.

To return on the 'Detail of modified elements' screen (-M), the user has to press PF10 on the selected line.

Only users granted an authorization level of 4 or 5 can update this screen.

The screen contains the following data for each User entity:

- DATABASE, LIBRARY, SESSION in which it has been modified,
- ENTITY TYPE (Program, Data Element, etc.),
- ELEMENT name,
- UPDATE TYPE (creation, deletion, modification),
- CORRECTOR'S CODE (Default: user code entered at DSMS logon),
- DATE of correction,
- UPDATE day session,
- UPDATE SOURCE ('T' column):

From VisualAge Pacbase Archived Journal File ("G") with the DEXP procedure, or manual updating ("U").

This is a display only field.

For complete information on the DEXP procedure, refer the DSMS Operations Manual.

NUMLEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1	ACTION CODE
	C M D B L blank X	Explicit creation Explicit modification Deletion Multiple deletion: deletion of lines up to an 'L' action code or up to the last line of the displayed screen Ending bound of a multiple deletion Implicit update (creation/modification) Explicit update (creation/modification)
	E or -	Inhibit update
2	4	LOGICAL DATABASE CODE (REQUIRED)
3	3	LIBRARY CODE (REQUIRED)
4	5	SESSION NUMBER (REQUIRED)
	9999 nnnnT	The first four characters must be numeric. Current session, Test frozen session.
5	3	ENTITY TYPE (REQUIRED)

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
		* B D E F I K M O P Q R S T U V	Library Database Block Data Structure Data Element User Entity Parameterized Input Aid Keyword PacModel Entity Screen Program Relationship Report Segment Text User Manual Volume
		** or ***	All types of Entities
		\$**	All types of User Entities
		\$tt	'tt' type User Entity
		Xxx	This value is used to identify a non-VA Pac entity, it can only be entered in the Detail of Modified Elements screen (CH: C M).
6	30		CODE LONG
7	1		UPDATE TYPE
		C M D B blank	Explicit creation Explicit modification Deletion Multiple deletion Implicit modification (creation/modification)
8	8		CORRECTOR'S USER CODE (REQUIRED)
9	10		DATE CORRECTED
			This date is formatted as follows: CCYYMMDD.
10	4		UPDATE SESSION NUMBER
			Number of the session of the day when the elements have been modified.

Events Associated with the Change

This screen displays the list of the Events associated with the specified Change.

C1 option displays the Subsidiary code, the Event Numbers, their Type, Status, Gravity and Short Description. C2 option also displays the Site-specific Event Order Number.

The DSMS user accesses this list by entering in the Choice field:

CH: C LE_ _ _____

The required input after "C" is the change number. The optional input after "LE" is "A" for all the Events or "C" for the current Events. The other optional characters are the subsidiary code (2 characters) and the Event number (6 characters) from which the list is displayed.

The DSMS user can also access this list by entering:

CH: LCE_

The optional input after "LCE" is "A" or "C". The required input is the change number.

From one of the Change screens, C may be replaced by '-'.

```

-----
VA Pac-DSMS          **** E V E N T ****          USA
EV. ASSOC. WITH CHG - ALL      000270

CHANGE.....: USAGE DATE HOUR MESSAGE NUMBER FIELDS
SHORT DESCRIPTION.....:

SU EVENT  TY ST G SHORT DESCRIPTION
US 000152 S  C  I USAGE DATE HOUR MESSAGE NUMBER FIELDS

O: C1 CH: -LE
-----

```

Change Search by Entity

The DSMS user may request on-line access to the list of Changes cross-referenced to a given entity occurrence.

Such cross-references are automatically created when:

- A Change is declared as concerning entity occurrences (CH: C.....C),
- Entity occurrences are declared as having been modified because of that Change (CH: C.....M).

The Change Search by Entity screen is accessed by the following input in the CHOICE field:

CH: XSA or CH: XSC

The XSA screen will look for ALL Changes whereas the XSC screen will only look for CURRENT Changes, i.e. those with no input in the DATE CLOSED field in their Definition screen.

Refer to the screen description for complete details on additional criteria which can be used in order to qualify a Search of Changes by Entity.

This search results in a List of Changes, sorted by number in descending order. It does not itemize all cross-references: if the selected entity is referenced several times in the "-C" and/or "-M" screens associated with a given Change, this Change will appear only once in the "XS" list.

The following protected fields come from then "-C" lines of the Change:

- Change number
- Status code
- Abbreviated title (40 characters)
- Update source (for -M) or Line source (for -C)
- Visualage Pacbase database
- Library
- Session (9999 if not frozen)
- Change supervisor user code

The DSMS user may display the resulting list from a given Change by entering the following input in the CHOICE field:

CH: XSA nnnnnn or XSC nnnnnn

where nnnnnn is the Change number.

 VA Pac-DSMS ***** C H A N G E ***** USA
 CHANGES BY ENTITY - ALL
 M-C : 1 ENTITY TYPE & CODE : 2 3
 LINE SRCE-STAT. : 4 BASE : 5 LIBRARY : 6 SESSION : 7
 CHANGE ST SHORT DESCRIPTION (TRUNCATED) S BASE LIB SESSI SPVR

0: C1 CH: XSA

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1		SEARCH SELECTION TYPE (REQUIRED)
		'C'	The search will bear upon all Changes with which the entity is concerned.
		'M'	The search will bear upon all Changes for which the entity has been modified.
2	3		ENTITY TYPE
		* B D E F I K M O P Q R S T U V	Library Database Block Data Structure Data Element User Entity Parameterized Input Aid Keyword PacModel Entity Screen Program Relationship Report Segment Text User Manual Volume
3	8		ENTITY CODE
4	1		ADDITIONAL CRITERION:LINE SRCE/STAT.
			The search may be limited to a given type of Changes by entering a selection criterion in this field.
			The following values can only be used with the value "C" in the SEARCH SELECTION TYPE field.
		'A'	Authorized Changes.
		'C'	Closed Changes.

NUMLEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
	'N'	Not scheduled or suspended Changes.
		The following two values can only be used with the value "M" in the SEARCH SELECTION TYPE field.
	'G'	Changes for which the entity modification has been notified in batch mode via the DUPD Update procedure using in input the Archived Journal File.
	'U'	Changes for which the entity modification has been notified manually by the Change Corrector on the Detail of Modified Elements screen (CH: C.....M).
	blank	All Changes.
5	4	LOGICAL DATABASE CODE
6	3	LIBRARY CODE
7	5	SESSION NUMBER

Quality-Controlled Versions

This screen allows the DSMS user to enter the Product versions for which the Change has been validated, i.e. tested by the Quality Control team. The DSMS user accesses the Quality-Controlled Versions screen by entering the following input in the CHOICE field:

CH: C Q ____

Lines are numbered sequentially. A line number can be entered after the 'Q'.

Each line, identified by a line number, corresponds to a validated Version.

The following information has to be entered by the DSMS user:

- TECHNICAL PACKAGE,
- RELEASE NUMBER,
- HARDWARE CODE,
- VERSION NUMBER AND LANGUAGE OPTION CODE,
- VALIDATOR'S CODE (Default value: user code entered at DSMS logon).
- STATUS.

The group TECHNICAL PACKAGE / RELEASE / HARDWARE / VERSION / LANGUAGE OPTION is validated against the Technical Packages-Versions Table (CH: TVE).

```

-----
VA Pac-DSMS              ***** C H A N G E *****                   USA
QUALITY-CONTROLLED VERSIONS           000270

1 2      3 4 5 6 7          8          9          10          11
A NUM : TE REL VERSION           VALIDATION
LIN : PK REL HDW VER L DATE      USER           DATE      REMARK      ST
100 : PX 100 COS V08 E 19960723  PTLT          20050613
200 : PX 100 IMS V04 E 19960725  PTLT          20050613
:
:
:
:
:
:
:
:
:
:
:
:
:
:
:
*** END ***
O: C1 CH: C270Q
-----

```

NUMLEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1	ACTION CODE
	C M D B L blank X	Explicit creation Explicit modification Deletion Multiple deletion: deletion of lines up to an 'L' action code or up to the last line of the displayed screen Ending bound of a multiple deletion Implicit update (creation/modification) Explicit update (creation/modification)
	E or -	Inhibit update
2	3	LINE NUMBER
	'000-999'	1 to 3 numeric characters.
3	2	TECHNICAL PACKAGE CODE (REQUIRED)
		The values for this field are defined in the TECHNICAL PACKAGES-VERSIONS Table (CH: Tve). Mandatory if the RELEASE field is entered.
4	3	RELEASE (REQUIRED)
		The values for this field are defined in the TECHNICAL PACKAGES-VERSIONS Table (CH: Tve). Mandatory if the TECHNICAL PACKAGE CODE field is entered.
5	3	HARDWARE (REQUIRED)

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
			The values for this field are defined in the TECHNICAL PACKAGES-VERSIONS Table (CH: Tve).
6	3		VERSION (REQUIRED)
			The values for this field are defined in the TECHNICAL PACKAGES-VERSIONS Table (CH: Tve).
7	1		VERSION LANGUAGE CODE (REQUIRED)
			The values for this field are defined in the TECHNICAL PACKAGES-VERSIONS Table (CH: Tve).
8	8		VALIDATOR'S USER CODE (REQUIRED)
			Default value: code of the connected user
9	8	NUMER.	DATE OF QUALITY CONTROL
			This date is formatted as: CCYYMMDD
10	20		REMARK
11	2		STATUS
			Values for this field are defined in the STATUS CODE Table (CH: Tst). The code you enter here corresponds to a validation status for a specific version of the product. It is not the status code of the change.

Change Story

The Story allows you to trace the progress of a Change.

C1 option displays the information entered in the Type, Status, Gravity, Date Closed, Tech.Pkg and Rel fields and the code of the User who carried out the update.

C2 option displays the different Dates Entered, the Number of Listings, the Workloads.

C3 option displays the information entered in the Phases field.

C4 option displays the information entered in the Options field.

C5 option displays the internal reference and the external reference.

The DSMS user accesses this screen by entering in the Choice field:

CH: C cccccc S ddddddd hhhhhh

with cccccc: change number
ddddddd: consultation beginning date
(optional)
hhhhh: consultation beginning time
(optional)

C cccccc can be replaced with '-' from another screen of the Change.

VA Pac-DSMS
STORY

***** C H A N G E *****
000270

USA

DATE	TIME	:	TY	ST	G	CLOS.D	RELEA	HARDWARES	SUPERVIS.	USER
20030206	153710	:	B	AC	R		PX100	COS	PTJE0001	PTEV
20030402	104016	:	B	AS	R		PX100	COS	PTJE0001	PTEV
20030424	191159	:	F	AS	R		PX100	COS	SG00008	PTEV
20030529	112334	:	F	BD	R		PX100	COS	PTAD	PTEV
20031220	093033	:	L	BD	R		PX100	COS	PTMP2	PTEV
20040230	175928	:	A	BD	R		PX100	COS	PTCV0	PTEV
20040314	144042	:	A	FF	R		PX100	COS	PTAD	PTEV
20041020	181843	:	A	ZZ	R		PX100	COS	PTJE0001	PTEV
		:								
		:								
		:								
		:								
		:								
		:								
		:								
		:								
		:								
		:								

END OF LIST
O: C1 CH: C270S

VA Pac-DSMS
STORY

**** C H A N G E ****
000270

USA

DATE	TIME	:	PHASES
20040314	144042	:	
20041020	181843	:	
		:	
		:	
		:	
		:	
		:	
		:	
		:	
		:	
		:	
		:	
		:	
		:	
		:	
		:	
		:	
		:	

USER
PXJE
PXZ21

O: C3 CH: C 0270 S

VA Pac-DSMS
STORY

**** C H A N G E ****
000270

USA

DATE	TIME	:	OPTIONS
20040314	144042	:	
20041020	181843	:	

USER
PXJE
PXZ21

0: C4 CH: C 0270 S


```

-----
VA Pac-DSMS          ***** C H A N G E *****          USA
TRANSLATION          000270

A LIN : DESCRIPTION
1 2 : 3
*01 : Usage date hour message number fields
*02 :
100 : The USAGE clauses for date hour and message number fields   English
200 : in all TP PCBs except in S-IPCB are reversed.
:
:
:
: =====
100 : Les usages associes aux date, heure et numero de message   French
200 : dans la description des Alternate et Express PCBs sont
300 : erronees.
:
:
:
:
* END OF TEXT *
O: C1 CH: C270TEF
-----

```

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1		ACTION CODE
		C M D B L blank X	Explicit creation Explicit modification Deletion Multiple deletion: deletion of lines up to an 'L' action code or up to the last line of the displayed screen Ending bound of a multiple deletion Implicit update (creation/modification) Explicit update (creation/modification)
		E or -	Inhibit update
2	3		LINE NUMBER
		*01 *02 000-999	Number of Event/Change first Short Description line, Number of Event/Change second Short Description line, Number of Event/Change description line.
3	50		SHORT DESCRIPTION LINE

Lists of Changes

Three types of Change Lists are available:

1. LIST OF CHANGES BY DATE OF CREATION

This screen lists Changes sorted by DATE, beginning with the most recent date.

The DSMS user accesses this screen by entering the following in the CHOICE field:

CH: LDCA _____ for CHANGES BY DATE

CH: LDCC _____ for CURRENT CHANGES BY DATE

The optional input after 'LDC.' is the desired date from which the list will begin (CCYYMMDD).

The LDCA List is an exhaustive list, whereas the LDCC List only displays current Changes, i.e. those Changes which have not yet been closed (no input in the DATE CLOSED field on the Change Definition screen).

For each listed Change, the following information is displayed:

- DATE,
- NUMBER,
- TYPE,
- STATUS,
- GRAVITY,
- SHORT DESCRIPTION,
- TECHNICAL PACKAGE,
- RELEASE.

```

-----
VA Pac-DSMS          ***** C H A N G E *****          USA
LIST BY DATE - ALL

DATE      NUMBER TY ST G SHORT DESCRIPTION          TP REL
20040219 000270   A  I Usage date hour message number fields  PB 722

*** END ***
O: C1 CH: LDCA
-----

```

2. LIST OF CHANGES BY NUMBER

This screen lists Changes, sorted by NUMBER, beginning with the lowest number.

The DSMS user accesses this screen by entering the following in the CHOICE field:

```

CH: LNCA _____ for CHANGES BY NUMBER
CH: LNCC _____ for CURRENT CHANGES BY NUMBER

```

The optional input after 'LNC.' is the desired number from which the list will begin.

The LNCA List is an exhaustive list, whereas the LNCC List only displays current Changes, i.e. those Changes which have not yet been closed (no input in the DATE CLOSED field on the Change Definition screen).

For each listed Change, the following information is displayed:

- NUMBER,
- DATE,

- TYPE,
- STATUS,
- GRAVITY,
- SHORT DESCRIPTION,
- TECHNICAL PACKAGE,
- RELEASE.

```

-----
VA Pac-DSMS          ***** C H A N G E *****          USA
LIST BY NUMBER - ALL

NUMBER DATE      TY ST G SHORT DESCRIPTION          TP REL
000270 20040219  A  I Usage date hour message number fields    PB 722

*** END ***
O: C1 CH: LNCA
-----

```

3. LIST OF CHANGES BY EXTERNAL REFERENCE

This list itemizes all External References already used to reference Changes which proceed from other DSMS Database(s). It is used in order to check that an intended External Reference is not already used to reference another Change: an External Reference can reference one Change only. Moreover, this list sorts out "real" references as opposed to external ones.

NOTE: For a given external DSMS Database and Product, one External Change number may be assigned to several Changes if these Changes are associated with different sets of 'Technical Package, Release, Hardware'.

This list is accessed via the following input in the CHOICE field:

CH: LRCA _____ or
 CH: LRCC _____

The required input after 'LRC.' is the External Database Code, and the External Product Code.

The following and optional input is the External Change Number from which the list will start, possibly followed by the actual Change Number.

The LRCA List is an exhaustive list, whereas the LRCC List only displays current Changes, i.e. those Changes which have not yet been closed (no input in the DATE CLOSED field on the Change Definition screen).

For each listed External Reference, the following Change-related information is displayed:

- NUMBER OF THE REFERENCED CHANGE,
- TYPE,
- STATUS,
- GRAVITY,
- SHORT DESCRIPTION (TRUNCATED),
- TECHNICAL PACKAGE,
- RELEASE,
- HARDWARE CODE(S).

```

-----
VA Pac-DSMS          ***** C H A N G E *****          USA
LIST BY EXT. REF. - ALL          DSM0 PRO

REF NB NUMBER T ST G SHORT DESCRIPTION (TRUNCATED)          TP REL HDW
000652      27 B V I PGM015 Abend                          PX 100 COS
                                                    IMS
003566      152 B V I Usage date hour message number fields  PX 100 COS
              155 B V I Usage date hour fields              PX 100 DOS

*** END ***
O: C1 CH: LRCA dsm0 u
-----

```

Chapter 5. Keywords

Introduction

In order to facilitate the management of Events and Changes, a Word Search facility is available. It uses the contents of a Keyword Thesaurus.

Keywords are entered on Event and Change Description screens. Three types of keywords are available:

1. **PRINCIPAL KEYWORD:**
A keyword representing a family of synonyms.
2. **SYNONYM KEYWORD:**
A keyword linked to a Principal keyword, but which is equivalent to a Principal keyword for searching purposes.
3. **STAND-ALONE KEYWORD:**
A keyword which is not linked to a Principal keyword.

KEYWORD MANAGEMENT

DSMS organizes the keywords in several Dictionaries:

- A. **TWO EVENT-RELATED THESAURUSES**
 - One Native Thesaurus per Subsidiary.
 - One Technical Thesaurus, all Subsidiaries considered.
- B. **ONE CHANGE-RELATED THESAURUS PER WORKING LANGUAGE**

Each thesaurus is managed separately.

The stand-alone type of keyword is used when entering new keywords in the DSMS System. As such they can be easily pinpointed in the Keyword General List where the DSMS user can check whether or not they are adequate.

As a general rule, a Stand-alone keyword must be linked eventually to a Principal keyword or become a Principal keyword.

NOTE: Up to 40 keywords can be associated with an Event or Change.

A keyword has a maximum length of 13 characters.

```

-----
VA Pac-DSMS          *****  M E N U  *****          USA
KEYWORDS

                                CHOICE

LISTS
KEYWORDS GENERAL LIST.....:   LGKt1 _____
STAND-ALONE KEYWORDS LIST.....:  LAKt1 _____
PRINCIPAL KEYWORDS LIST.....:   LPKt1 _____

SEARCH BY KEYWORD.....:       WSA _____
SEARCH BY KEYWORD (CURRENT).....: WSC _____
RESTRICTED SEARCH.....:       WUA _____
RESTRICTED SEARCH (CURRENT).....: WUC _____

RETURN TO GENERAL MENU.....:   H

t= THESAURUS CODE      1= LANGUAGE (FOR CHANGE ONLY)

0: C1 CH: HK
-----

```

KEYWORD-RELATED SCREENS

The various choices listed in the Keyword Menu allow the DSMS user to access the keyword-related screens.

AVAILABLE THESAURUSES & CORRESPONDING CHOICES

THESAURUS	GENERAL LIST	PRINCIPAL/ SYNONYMS	STAND-ALONE
EVENT-RELATED THESAURUSES			
NATIVE PER SUBSIDIARY	LGKE	LPKE	LAKE
TECHNICAL ALL SUBSID.	LGKT	LPKT	LAKT
CHANGE- RELATED THESAURUSES			
PER LANGUAGE "1"	LGKC 1	LPKC 1	LAKC 1

with C for keywords linked to a Change;

E for keywords linked to the Native Description of the subsidiary's Events;

T for keywords linked to the Technical Description of Events for all subsidiaries.

"1" stands for the language code. This code may be used for lists relating to Changes only, and it is optional.

You may access a keyword list starting from a given character string by entering this string in the CHOICE field. The maximum length of a string is 13 characters.

Lists are sorted in alphabetical order.

NOTE: The DPRT batch procedure may be used to print the keywords. See subchapter "Batch Printing of Keywords" in this manual for more details.

Keyword Lists/Thesauruses

UPDATE RULES

A Principal Keyword cannot be linked to another keyword.

A Synonym Keyword cannot be used as a principal keyword.

In order to delete a Principal keyword, all of its Synonyms must be deleted first.

A keyword associated with an Event or Change cannot be deleted.

A Principal keyword cannot become a stand-alone or synonym Keyword if it is linked to a synonym keyword.

Keyword types are coded as follows:

- ' ': Stand-alone keyword,
- 'P': Principal keyword,
- 'S': Synonym keyword.

KEYWORD GENERAL LIST (LGK/E/T/C)

The Keyword General List may be consulted and updated.

Each keyword is followed by the Keyword Type, and by its Principal keyword if any.

For each Synonym or Stand-alone keyword, a totalling value indicates the number of Events and Changes with which it is associated.

For each Principal keyword, the totalling value indicates the number of Events and Changes with which it is associated, added to the number of Events and/or Changes with which its Synonyms are associated.

LIST OF PRINCIPAL KEYWORDS (LPK E/T/C)

This list is used to view the principal keywords and their family of synonyms. This screen cannot be updated.

LIST OF STAND-ALONE KEYWORDS (LAK E/T/C)

This list displays all keywords not yet declared as Synonym or Principal. A totalling value indicates the number of Events and Changes with which the keyword is associated. This screen may be consulted and updated.

On the following pages are examples of the different Keyword Lists (in the order as described above).


```

-----
VA Pac-DSMS          **** K E Y W O R D S ****          USA
GENERAL LIST                (E-DN)

1 2          3 4          5
A KEYWORD    T PRINCIPAL  COMMENTS          TOTAL
ABBREVIATION P          1
ABBREVIATIONS S ABBREVIATION 2
ABEND        P          118
ABENDED      S ABEND      8
ABENDING     S ABEND      8
ABENDPROVOKE 1
ABENDPROVOKED S ABEND    1
ABENDS       S ABEND    16
ABORT        S ABEND     6
ABORTS       S ABEND     9
ABSENCE      P          9
ABSENT       S ABSENCE   1
ACCESS       P          38
ACCESSES     S ACCESS    1
ACCORDING    P          4

*** END ***
O: C1 CH: LGKE
-----

```

NUMLEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1	ACTION CODE
	C M D blank X	Explicit creation Explicit modification Deletion Implicit update Explicit update (creation/modification)
	E or -	Inhibit update (creation/modification)
2	13	KEYWORD (REQUIRED)
		1 to 13 alphanumeric characters.
3	1	KEYWORD TYPE
	BLANK P S	Stand-alone keyword, Principal keyword, Synonym keyword.
4	13	PRINCIPAL KEYWORD
		1 to 13 alphanumeric characters.
5	40	COMMENTS

VA Pac-DSMS ***** KEYWORDS ***** USA
PRINCIPAL KEYWORDS (E-DT)

KEYWORD	SYNONYMS			
ABBREVIATION	ABBREVIATIONS			
ABEND	ABENDED	ABENDING	ABENDPROVOKED	ABENDS
	ABORT	ABORTS	AICA	APCB
	APCT	ASRA	DUMP	DUMPED
ABSENCE	ABSENT			
ACCESS	ACCESSES			
ACCORDING				
ACF2				
ACTION	ACTIONS			
ADJACENT				

*** END ***
0: C1 CH: LPKT

1 2	3 4	5	TOTAL
A KEYWORD	T PRINCIPAL	COMMENTS	
ABENDPROVOKED			1
AUTHORIZATION			1
CODE			18
CPU			1
DB			1
DC			3
DEFINED			8
DEPENDENT			1
DFS076			2
DIVISION			1
DOCUMENTATION			8
EIS			2
ERRORS			3
GENERATION			11
HOST			1

*** END ***
O: C1 CH: LAKC

NUMLEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1	ACTION CODE
	C M D blank X	Explicit creation Explicit modification Deletion Implicit update Explicit update (creation/modification)
	E or -	Inhibit update (creation/modification)
2	13	KEYWORD (REQUIRED)
		1 to 13 alphanumeric characters.
3	1	KEYWORD TYPE
	BLANK P S	Stand-alone keyword, Principal keyword, Synonym keyword.
4	13	PRINCIPAL KEYWORD
		1 to 13 alphanumeric characters.
5	40	COMMENTS

Search of Events and/or Changes

DSMS users can easily identify Events and/or Changes associated with a given concept thanks to the on-line Search facility.

This facility is made up of two screens, one screen allows for a broader scope of the Event/Change Search, the other yields a restricted search output.

In addition, both screens are available in two options which qualify the Search according to another factor, i.e. whether or not the Event/Change is current or closed.

1. THE 'WS.' SCREEN

This screen is accessed via the following input in the CHOICE field:

CH: WSA or CH: WSC

The WSA screen will look for ALL Events and Changes whereas the WSC screen will look for CURRENT Events and Changes only, i.e. those with no input in the DATE CLOSED field in their Definition screen.

NOTE: The choice WS is equivalent to WSA.

OPERATING MODE OF A SEARCH BY KEYWORD:

If the keyword entered is either a Principal Keyword or a Synonym Keyword, a 'WS.' search will browse the selected thesaurus to find the Principal Keyword and all its synonyms.

The output of this search is a list of Events and/or Changes associated with the Principal Keyword AND all its synonyms.

If the keyword entered is a Stand-Alone Keyword, a 'WS.' search will browse the selected thesaurus to find this Keyword only.

The output of this search is a list of Events and/or Changes associated with this Keyword ONLY.

2. THE 'WU.' SCREEN

This screen is accessed via the following input in the CHOICE field:

CH: WUA or CH: WUC

NOTE: The choice WU is equivalent to WUA.

The WUA screen will look for ALL Events and Changes whereas the WUC screen will only look for CURRENT Events and Changes, i.e. those with no input in the DATE CLOSED field in their Definition screen.

OPERATING MODE:

Whatever type of keyword is entered, a 'WU.' search will browse the selected thesaurus to find this particular keyword ONLY.

How to Request a Search

1. ENTITY/THESAURUS SELECTION:

This field is used to select the entity type as well as the thesaurus in which the search will be performed.

The DSMS user makes this selection by entering the field labeled 'ENT:' (top left corner of the screen) by one of the following values:

- "E"**:: Event-related native thesaurus, relevant to the Subsidiary to which the DSMS user is connected.
- "T"**:: Event-related technical thesaurus, all Subsidiaries considered.
- "C"**:: Change-related thesaurus.
- "*"**:: Search on both T- and C-type thesauruses.

2. OPERATORS:

Two operators are available when the Event/Change search is a Search by Keyword:

The BLANK is used as 'AND'.

The search is performed on both keywords.

-**"+"**:: The '+' sign operates as 'OR'.

The search is performed separately on each criterion.

Only one operator can be used in a search request. It is entered in the field labeled 'OPE:'.

3. OTHER SEARCH CRITERIA:

DSMS users may request a search on Events/Changes related to a specific:

- TECHNICAL PACKAGE/RELEASE, by entering its code in the 'PK:' field,
- PHASE, by entering its code in the 'PH:' field,
- OPTION, by entering its code in the 'OPT:' field,
- TYPE, by entering its code in the 'T:' field,
- STATUS, by entering its code in the 'S:' field,
- GRAVITY, by entering its code in the 'G:' field,

- SUPPLIER CONTACT for Events, or CHANGE SUPERVISOR for Changes, by entering his/her code in the 'US:' field,
- SITE, for a search on Events, by entering its code and its sub-code in the 'SITE:' field (the site code must be followed by the site sub-code).

4. LANGUAGE SELECTION:

DSMS users have the possibility to look up Changes using Keywords of a different language than their own.

In this case, the appropriate language code must be entered in the 'L:'-labeled field.

5. NOTE ON CRITERIA

When the criterion is made up of more than one character, you may use the '*' generic character to carry out a search on all the codes beginning with the same characters. You only have to enter '*' instead of the end of the code.

Search Result

The search output is a list of Events/Changes that match the various criteria entered by the DSMS user.

When the search is performed on both Event-Related Technical and Change-Related thesauruses, i.e. with the value '*' in the 'ENT:'-labeled field, Changes are listed first, followed by Events.

NOTE: They can be differentiated as follows: The Subsidiary Code and Site Code fields are displayed for Events only.

Events/Changes are sorted by their number, in descending order. Events are specifically sorted by Subsidiary code.

The following data is displayed in the output screen of the Search:

- CHANGE/EVENT NUMBER,
- TYPE,
- STATUS,
- GRAVITY,
- SHORT DESCRIPTION LINE(S),
- SUBSIDIARY CODE (for Events only),

- SITE CODE (for Events only).

In C2 option, the listed Events are followed by their associated Changes.

The DSMS user may access the list from a given Event/Change by entering the following input in the CHOICE field:

CH: W.. nnnnnn

where nnnnnn is the Event or Change number.

NOTE: This CHOICE is not available when the Search has browsed the '*'-coded Thesaurus.

The number of items in the list is displayed in the field labeled 'TOTAL:' (screen top).

NOTE: The search output cannot list more than 350 items.

Memorizing a Search Result

The system automatically memorizes the list of Events and/or Changes retrieved by a search. After performing a search, you can therefore go on with other DSMS screens.

When you go back to the search screen using your initial access choice (WSA or WSC, WUA or WUC), the list obtained during the last search performed on this screen will be displayed again from the beginning.

This memorization applies **EVEN IF YOU CHANGE THE SUBSIDIARY OR THE PRODUCT TO WHICH YOU ARE CONNECTED.**

REFRESHING A SEARCH LIST

You can perform the search operation again **WITHOUT CHANGING THE SEARCH CRITERIA**, by using the same search screen access choice, to which you append ' R'.

EXAMPLE: you have used the access choice WS and you have retrieved a list of Events. You have then modified some of these Events, which therefore shouldn't be selected any longer by the same search criteria.

When you go back to the search screen, enter the choice

W.. R

in order to refresh the list (that is, to perform the search again with the same criteria).

The Events you have modified no longer appear in the list.

You can use this type of choice (W.. R) to perform the same search as the last one in a different subsidiary.

NOTE: This search must be requested **WHEN YOU CONNECT TO ANOTHER SUBSIDIARY**, by inputting the choice:

NSss W.. R

with ss code of the new subsidiary;

W.. access choice to the search screen.


```

-----
VA Pac-DSMS          **** K E Y W O R D S ****          USA
SEARCH BY KEYWORD (WSA)      TOTAL: 00000
ENT: 1  PK: 2 3  PH: 4          OP: 5          T: 6 S: 7  G: 8 US: 9
                               SITE: 10          11
KW: 12                               OPE: 13 L: 14
CHG-EV TY ST G SHORT DESCRIPTION          SU SITE

O: C1 CH: WSA
-----

```

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1		ENTITY/THESAURUS SELECTION (REQUIRED)
		E	Event-related native thesaurus relevant to the Subsidiary to which the DSMS user is connected.
		T	Event-related technical thesaurus, all Subsidiaries considered.
		C	Change-related thesaurus, all Subsidiaries considered.
		*	T- and C-type thesauruses.
2	2		TECHNICAL PACKAGE CODE
			The values for this field are defined in the TECHNICAL PACKAGES-VERSIONS Table (CH: Tve). Mandatory if the RELEASE field is entered.
3	3		RELEASE
			The values for this field are defined in the TECHNICAL PACKAGES-VERSIONS Table (CH: Tve). Mandatory if the TECHNICAL PACKAGE CODE field is entered.
4	8		PHASE
			The values for this field are defined in the PHASES Table (CH: Tph).
5	8		OPTION

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
			The values for this field are defined in the OPTIONS Table (CH: Top).
6	2		TYPE
			Values for this field are defined in the TYPES Table (CH: Tty).
7	2		STATUS
			Values for this field are defined in the STATUS CODE Table (CH: Tst).
8	1		GRAVITY
			Values for this field are defined in the GRAVITY CODES Table (CH: Tgr).
9	8		USER CODE
			Supplier Contact for Events. Change Supervisor for Changes.
10	9		SITE CODE
			With a search on a site code (always followed by the site sub-code), you select Events on their associated site.
			To know the site codes, see the list of sites by corporate name (LNS choice) or by code (LCS choice for all subsidiaries, or LSS choice for a specific subsidiary).
11	3		SITE SUB-CODE
			The site sub-code must be entered after the code site.
			To display the list of the site sub-codes, use the same choices as those indicated for the site code.
12	60		KEYWORD FIELD
			Keywords must be entered one after the other and separated from each other by at least one blank.
13	1		LOGICAL OPERATOR
		'blank' +	'AND' operator, 'OR' operator.
14	1		LANGUAGE CODE
			This field can only be entered when requesting a search on Changes, i.e. with the value "C" or "*" in the ENTITY/THESAURUS SELECTION field.
			The Language code values are defined in the LANGUAGES Table (CH: Tla).
		Blank	DEFAULT VALUE: Language assigned to the DSMS user in the USER DEFINITIONS Table.

Batch Printing

DPRT is a batch procedure for the extraction and printing of keywords. User input and the printing request structure are described hereafter.

User input:

One '*' line, whose structure is the following:

POS.	LEN.	VALUE	MEANING
2	1	*	Line code
3	8	uuuuuuuu	DSMS User code
11	8	pppppppp	Password
19	3	ppp	Connection Product code
22	2	su	Connection Subsidiary code
24	1	l	Language code (optional)

NOTE: Product and Subsidiary codes are optional.

If no language code is specified, the default is the one attributed to the user.

One line per printing request is required:

POS.	LEN.	VALUE	MEANING
2	3		List code:
		LGK	Keyword general list
		LPK	List of principal keywords
		LAK	List of stand-alone keywords
5	1		Keyword types:
		C	Keywords linked to a Change
		E	Keywords linked to the Native Descr. of Subsidiary's Events
		T	Keywords linked to the Technical Descr. of Events for all subsid.
6	1		Language code: Value allocated in TLA

For technical information about the DPRT procedure, see DSMS Operations Manual.

Chapter 6. Introduction to the Query Facility

DSMS users may formulate on-line queries on the data entered in the DSMS System.

Query results are printed in a report format also designed by DSMS users.

The Query procedure involves three steps.

1. SELECTION OF QUERY CRITERIA
2. FORMATTING THE QUERY OUTPUT
3. QUERY SUBMISSION

Three types of query are available, i.e queries on Site-related data (S), on Event-related data (E), and on Change-related data (C).

These three types also apply to query output reports.

NOTE: The scope of a query is limited to the Site for a Site-related query, to the Subsidiary for an Event-related query, and to the Product for a Change-related query.

A query may use several report formats. On the other hand, the same report format may be used for different queries, provided that its layout and contents are compatible with the selected data. Since queries and reports are defined as separate entities in the DSMS System, they are updatable and reusable.

NOTE: The creation/update on a query or report depends on the General Authorization (GEN in the TUG Table).

```

-----
VA Pac-DSMS          ***** M E N U          *****          USA
QUERY - REPORT

                                CHOICE

QUERY DEFINITION.....:      Q _ _____
QUERY DESCRIPTION.....:      Q . ..... D ___
QUERY DESCR. FOR -D OF CHANGE.:  Q C ..... DD ___

REPORT DEFINITION.....:      R _ _____
REPORT LAYOUT.....:        R . ..... L ___ C ___
REPORT CONTENTS.....:      R . ..... C ___
REPORT DESCR. FOR -D OF CHANGE:  R . ..... CD ___

LIST OF QUERIES.....:      LCQ _ _____
LIST OF REPORTS.....:      LCR _ _____

QUERY/REPORT FROM OTHER USER..:  ONE OF THE ABOVE *.....

CONTROL CARDS.....:        LJQ _ _____
QUERY SUBMISSION.....:      LVQ _ _____

RETURN TO GENERAL MENU.....:    H

O: C1 CH: HQ
-----

```

COPY OF A QUERY OR A REPORT

You may copy the lines from any existing Query or Report screen to create another query or report, provided that the type is the same (S, E, or C).

NOTE: The Report Layout screen can be copied to create the layout for different report types.

To copy lines of a screen, simply override the displayed Query or Report code with a new code. After the ENTER key is pressed, the DSMS System redisplayes the initial screen.

It is also possible to copy a Query or Report that "belongs" to another user, providing they are not protected. Refer to subchapter "Copy of another user's query", Chapter "QUERY DESCRIPTION" of the Manual.

Chapter 7. Selection of Query Criteria

Query Definition

The Query Definition screen is accessed by entering the following in the CHOICE field:

CH: Q

Input after the Q specifies the Query type:

S for Site-related query

E for Event-related query

C for Change-related query

After the Query type, the user enters the 6-character Query code.

The REPORT CODE entered on the Query Definition screen is the default value taken into account by the DSMS System when the query request is executed, unless the user has indicated another REPORT CODE on the Query Submission screen.

NOTE: The DSMS System does NOT validate the existence of the Report.

The DELIMITER is used to delimit a character string which contains a blank character. The default value of the delimiter is the single quote (').

For all other character strings, the delimiter is the blank character.

The DELIMITER value can also be modified on the Query Submission screen.

QUERY PARAMETERIZATION

In order to facilitate systematic query requests, you may parameterize some or all selection values indicated in the Query Description screens (-D).

Up to 10 parameters are available. They are identified by a SYMBOL (whose default value is the '\$'). If the chosen symbol value is '\$', you will have to code '\$1', ..., '\$9', '\$0' (=10th parameter) to indicate the parameter calls in the Query Description screens.

To assign its actual value to each parameter, you may use the PARAMETERS field on the Query Definition screen. Values entered in this field may be overridden for a particular submission of the query. To do this, modify the PARAMETERS field on the Query Submission screen.

In the Query Definition or Submission screen, the PARAMETER field contains an ordered series of parameter values, separated from one another by a SEPARATOR (whose default value is the slash '/').

NOTES :

- the DELIMITER (as defined above) is NOT ALLOWED in the parameter values you indicate in the PARAMETERS field;
- the SEPARATOR is MANDATORY at the end of the PARAMETERS field.

EXAMPLE (we use the default values for the DELIMITER, the parameter SYMBOL and the SEPARATOR) :

Non-parameterized query

- Query Description screen (-D) :

```
TYPE =S  
PHASE =(A_'A X')
```

Parameterized query

- Query Description screen (-D) :

```
TYPE =$1  
PHASE =($2_$3)
```

- Query Definition (-) or Submission screen :

```
PARAMETRES /S/A/A X/ (same as non-param. query)  
PARAMETERS /B/C/D/ (other submission...)
```

ADDITIONAL CONTROLS

A sub-routine allows you to add controls and initializations to the Query definition.

For details on these additional controls, refer to the Operations Manual, Chapter "Database Restoration (DRST)".


```

-----
VA Pac-DSMS          *****  Q U E R Y  *****          USA
QUERY DEFINITION

TYPE AND CODE.....: S 1 R00001  2

NAME.....: List of sites by region code  3
REPORT CODE.....: M00001  4

DELIMITER.....: '          5

PARAMETERIZATION
  SYMBOL.....: $ 6  SEPARATOR...: /  7
  PARAMETERS...: U01/  8

COMMENTS.....:          9

LOCK FOR COPY.....: N 10                                (USER : PDRL  11 )

O: C1 CH: Qsr00001                                ACTION:
-----

```

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1		QUERY TYPE
		S E C	Site-related query Event-related query Change-related query
2	6		QUERY CODE
3	40		QUERY NAME
4	6		REPORT CODE
5	1		DELIMITER
			The default value is the single quote (').
6	1		PARAMETERIZATION SYMBOL
			The default value is the dollar sign ('\$').
7	1		SEPARATOR
			The default value is the slash ('/').
8	60		PARAMETER VALUES
			The default separator used between two parameter values is '/'.

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
9	49		COMMENTS ON A QUERY OR A REPORT
			Free text.
10	1		QUERY OR REPORT COPY LOCK
		Y N	Copy is not allowed. Copy is allowed (default value).
11	8		USER CODE (QUERY COPY)
			Code of the user responsible for the Query ("owner").
			DSMS Queries are linked to their owner. In order to copy a Query owned by another user, use the following access choice:
			CH: Q t qqqqqq * uuuuuuuu with t Query type (S, E or C) qqqqqq Query code uuuuuuuu code of the Query owner
			In the USER field, replace the code of the Query owner by the code of the user that is to receive the copy. Then transmit in order to perform the update.
			You can then copy the Query description screens by replacing, in the "UT=" field of these screens, the owner's user code by the code of the user that is to receive the copy.
			NOTE: the JCL lines associated to the Queries must be copied manually.

Query Description

The purpose of the Query Description screen is to specify what data and values, or ranges of values, are to be used as query criteria. The user may indicate up to 1,000 elementary selections (a range of values account for one selection).

The Query Description is actually a series of screens, since there are many elements that can be used as criterion by a Query.

A Site-related Query Description includes 3 screens.

An Event-related Query Description includes 4 screens.

A Change-related Query Description includes 5 screens.

NOTE: These screens are presented in the APPENDIX 1 so as to help beginning users find where are the data they want to use as criteria in their queries.

The Query Description screen is accessed by entering the following input in the CHOICE field:

```
CH: Q . . . . . D _  
      With: t      as the type of Query (C, E or S)  
            rrrrrr as the Query code  
            n      as the description number (optional)
```

'Q t rrrrrr' can be replaced with '-' from another screen of the change.

The System checks the validity of the Query syntax: operand lengths, operators, i.e. input in the SELECTION CRITERIA field.

Once the query criteria is specified on the various screens, the user can view and update a "RECAP" screen on which only the selected criteria are displayed.

The DSMS user accesses this screen by entering the value C2 in the OPERATION CODE field (O:) on a Query Description screen and pressing ENTER.

NOTE: When a user indicates criteria on the QCqqqqqqD2 screen, and more particularly in the SHORT DESCRIPTION, DESCRIPTION, and KEYWORDS fields, the Query will find the Changes corresponding to these criteria only if they were input in the language specified on the associated Report Definition.

However, the user may specify these criteria in other languages on the QCqqqqqqDD screen. For more information about this screen, see the end of this subchapter.

For a BATCH QUERY with a selection on KEYWORDS, you need to enter EXACTLY the same keywords as they are displayed in the description of changes and events, in the 'KEYWORDS' field. You must be respectful of their positions and spaces.

The 4 fields, each made up of 55 characters, are used for the selection, it is then important to take into account the value of each position.

Copy of Another User's Query

The LCQ* command followed by a user code displays the list of queries belonging to this user.

Although a Query 'belongs' to a user, since it remains associated to his/her user code, it may be copied by another user. The copy syntax is the following:

```
CH: Q t qqqqqq * uuuuuuuu
```

With t	as the type of Query (C, E or S);
qqqqqq	as the Query code;
*	to specify that the Query belongs to another user;
uuuuuuuu	as the code of the user owning the Query.

In the screen thus accessed, the USER area (bottom right) becomes an input area. In this field, replace the owner's user code by the new user code (copy destination), then transmit in order to copy the Query.

NOTE: A Query can be copied ONLY for the user who signed on, and not for another user.

Each input screen for Queries operates in the same manner.

Lock on a Query

A user may stop other users to copy his/her Query, by typing a Y in the LOCK FOR FOR COPY area, the default option being N for NO.

Query Syntax

1. OPERATORS:

. Positive operators: The entity is selected as soon as the condition is validated in one field.

= equal to
 < less than
 > greater than

. Negative operators: The entity is rejected as soon as the condition is not validated in one field.

!= different from (Warning: On certain keyboards (such as QWERTY), the user must input a 'o' character.)

<= less than or equal to
 >= greater than or equal to

Warning: you cannot indicate positive and negative operators on the same selection line.

2. OPERANDS:

Operands are separated by a semi-colon (;), or a blank.

There are several types of operands:

OPERAND TYPE	OPERAND SYNTAX
--------------	----------------

1. a simple value	'value1'	
2. several values	('value1' 'value2')	
3. a range of values	('value1'_value6')	
	(included values)	
4. a parameter	\$1	(*)
5. several parameters	(\$1 \$2)	(*)
6. a range of parameters	(\$1_\$6)	(*)

(*): The '\$' sign represents the PARAMETERIZATION SYMBOL indicated in the Query Definition screen.

EXAMPLE:

STATUS CODE values defined by the \$1 or \$2 parameters are to be used as Selection Criteria.

The query description can be coded in two ways:

STATUS CODE.....(02): =\$1;=\$2

STATUS CODE.....(02): =(\$1 \$2)

```

-----
VA Pac-DSMS          ***** Q U E R Y          *****          USA
QUERY DESCRIPTION          S R00001 ( US: PDIE   )
                          1
SELECTION LIST (LE): SELECTION CRITERIA          SCREEN NB : 01
SITE CODE.....(09): 2

SITE SUB-CODE.....(03):

STATUS.....(02):
REGION.....(03): =$1
LANGUAGE.....(01):
SHORT CODE.....(03):

CORPORATE NAME....(40):
ADDRESS 1.....(40):
      2.....(40):
      3.....(40):
      4.....(40):

TELEPHONE.....(20):
TELEX.....(20):
FAX.....(20):

O: C1 CH: -D
-----

```

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	6		QUERY CODE
2	55		SELECTION CRITERIA
			QUERY SYNTAX -----
			1. OPERATORS
			.Positive operators: The entity is selected as soon as the condition is validated in one field.
			= equal to < less than > greater than
			.Negative operators: The entity is rejected as soon as the condition is not validated in one field. != different from
			Warning: On certain keyboards (such as QWERTY), the user must input a ' character. <= less than or equal to >= greater than or equal to
			2. OPERANDS
			Operands are separated by a semi-colon (;) or a blank.
			There are several types of operand syntax:
			OPERAND TYPE OPERAND SYNTAX

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
			1. a simple value 'value1' 2. several values ('value1' 'value2') 3. a range of values ('value1_'value6') (included values) 4. a parameter \$1 (*) 5. several parameters (\$1 \$2) (*) 6. a range of parameters (\$1_\$6) (*)
			(*) The '\$' sign represents the PARAMETERIZATION SYMBOL indicated in the Query Definition Screen.

Description of a Multilingual Change-Related Query

THE MULTILINGUAL CHANGE-RELATED QUERY DESCRIPTION SCREEN

This screen allows DSMS users to make a Change-related query use criteria expressed in a language other than their own, i.e. than the language they have been "assigned" in the USER DEFINITIONS Table.

Only three types of Change-related data can exist in different languages: Title (T), Description (D), and Keyword (K).

SCREEN ACCESS

The Multilingual Change-Related Query Description screen is accessed by entering the following input in the CHOICE field:

CH: Q C DD

IMPLEMENTATION

The type of data is specified via a 1-character code in the "T"-labeled field.

The Language code explicitly entered in the "L"-labeled field is necessarily different than the user's default language.

The SELECTION CRITERIA field is entered in the same way as in the regular Query Description screen.

NOTE: If the same criteria are used in the user's default language, they are also displayed in this screen.

The criteria explicitly entered in this particular screen are displayed in the Change-Related Query Description Recap screen obtained with the value "C2" in its OPERATION CODE field.

```

-----
VA Pac-DSMS          ***** Q U E R Y          *****          USA
QUERY DESCRIPTION      C SGQY   ( US: PDIE   )
                        1
                        -DD SCREEN

A T L : SELECTION CRITERIA
2 3 4 : 5
:
:
:
:
:
:
:
:
:
:
:
:
:
:
:
:
:
:
:
:
:
:
*** END ***
0: C1 CH: QCsgqy DD
-----

```

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	6		QUERY CODE
2	1		ACTION CODE
		C M D B L blank X	Explicit creation Explicit modification Deletion Multiple deletion: deletion of lines up to an 'L' action code or up to the last line of the displayed screen Ending bound of a multiple deletion Implicit update (creation/modification) Explicit update (creation/modification)
		E or -	Inhibit update
3	1		LINE TYPE
			This field's contents identifies the type of data that will be used as criterion by the Change-related Query:
		D	Change Description
		K	Change-related Keyword
		T	Change Title
4	1		LANGUAGE CODE
			The values for this field are defined in the LANGUAGES Table (CH: Tla).

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	55		SELECTION CRITERIA
			QUERY SYNTAX -----
			1. OPERATORS
			.Positive operators: The entity is selected as soon as the condition is validated in one field.
			= equal to < less than > greater than
			.Negative operators: The entity is rejected as soon as the condition is not validated in one field. != different from Warning: On certain keyboards (such as QWERTY), the user must input a 'o' character. <= less than or equal to >= greater than or equal to
			2. OPERANDS
			Operands are separated by a semi-colon (;) or a blank.
			There are several types of operand syntax:
			OPERAND TYPE OPERAND SYNTAX
			1. a simple value 'value1' 2. several values ('value1' 'value2') 3. a range of values ('value1_'value6') (included values) 4. a parameter \$1 (*) 5. several parameters (\$1 \$2) (*) 6. a range of parameters (\$1_\$6) (*)
			(*) The '\$' sign represents the PARAMETERIZATION SYMBOL indicated in the Query Definition Screen.

Chapter 8. Formatting the Query Output

Definition of Query Output Report

The Definition of Report screen is accessed by entering the following in the CHOICE field:

CH: R

Input after the R specifies the report type:

S for Site-related report

E for Event-related report

C for Change-related report

After the report type, the user enters the 6-character report code.

COPY OF ANOTHER USER'S REPORT

A Report, although it 'belongs' to a user, since it remains associated to his/her user code, may be copied by another user.

The LCR* command followed by a user code displays the list of Reports belonging to this user.

The copy syntax is the following:

CH: Q t rrrrrr * uuuuuuuu

With t	as the type of Report (C, E or S);
rrrrrr	as the Report code;
*	to specify that the Report belongs to another user;
uuuuuuuu	as the code of the user owning the Report.

In the screen thus accessed, the USER area (bottom right) becomes an input area. In this field, replace the owner's user code by yours.

Each input screen for Reports operates in the same manner.

Lock on a Report

A user may prevent other users from copying his/her Report, by typing a Y in the LOCK FOR COPY area, the default option being N for NO.

ADDITIONAL CONTROLS

A sub-program allows you to add controls and initializations to the Report definition.

For details on these additional controls, refer to the Operations Manual, Chapter "Database Restoration (DRST)".

```

-----
VA Pac-DSMS          *****  Q U E R Y          *****          USA
DEFINITION OF REPORT

TYPE.....: S SITE      1
CODE.....: M00001      2

NAME.....: LIST OF SITES  3

LANGUAGE CODE....: E English  4

LINES PER PAGE...: 60      5

COMMENTS.....:          6

LOCK FOR COPY....: N  7          ( USER : PDIE 8 )

END OF LIST
O: C1 CH: RSm00001          ACTION:
-----

```

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1		REPORT TYPE
		S E C	Site-related report Event-related report Change-related report
2	6		REPORT CODE
3	40		REPORT NAME
4	1		REPORT LANGUAGE CODE
			The values for this field are defined in the LANGUAGES Table (CH: T1a).
			INITIALIZATION & DEFAULT VALUE: Language assigned to the DSMS user in the USER DEFINITIONS Table (CH: Tud).
			This Language code will determine the language of DSMS multilingual data (e.g. label of a TYPE code).
			Moreover the following user data -specific to Changes- is also characterized by its input language:
			. Short Descriptions . Descriptions . Keywords

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
			As a consequence, the associated Query or the Report will take this data into account if it exists in the Language specified here.
			However the user may specify other Language codes in the following screens: Q C DD and R CD
5	3		LINES PER PAGE
			This number represents the logical length of a printed page. It is, a priori, dependent on the printer in use.
		60	Initialization & default value.
6	49		COMMENTS ON A QUERY OR A REPORT
			Free text.
7	1		QUERY OR REPORT COPY LOCK
		Y N	Copy is not allowed. Copy is allowed (default value).
8	8		USER CODE (REPORT COPY)
			Code of the user responsible for the Report ("owner").
			DSMS Reports are linked to their owner. In order to copy a Report owned by another user, use the following access choice:
			CH: R t rrrrr * uuuuuuuu with t Report type (S, E or C) rrrrrr Report code uuuuuuuu code of the Report owner
			In the USER field, replace the code of Report owner by the code of the user that is to receive the copy. Then transmit in order to perform the update.
			You can then copy the Report description screens by replacing, in the "UT=" field of these screens, the owner's user code by the code of the user that is to receive the copy.

Report Layout

The Report Layout screen is used to specify the fixed labels that will be printed in the report.

It is accessed by completing the CHOICE field in the following manner:

CH: R L ___ C ___

Input after the L specifies a line number.

Input after the C specifies a column number.

The maximum length of a report line is 132 characters.

A logical page is made up of three categories:

```
+-----+-----+
! CATEGORY ! TYPE !
+-----+-----+
! HEADING ! A !
! REPETITIVE ! R !
! BOTTOM ! Z !
+-----+-----+
```

Each page of a "standard" DSMS Query Report includes the heading and bottom categories; both have a fixed number of lines. Accordingly, this affects the number of printed lines per page.

EXAMPLE

If the LINES PER PAGE is 60,

and the page heading includes 10 lines,

and the page bottom includes 10 lines,

then the 40 remaining lines will make up the repetitive category.

At the 41st repetitive line, the bottom category is called, a page skip occurs, the heading category of the next page is printed and the 41st (and following) line(s) will be printed on the next page.

NOTE: If the total number of lines is greater than the value specified in the LINES PER PAGE field on the DEFINITION OF REPORT screen, the Query will be carried out, but the format of its output will not have an aesthetic appearance.

The line number entered after the category type is an absolute line number, which allows for implicit blank line insertions.

EXAMPLE

INPUT ON REPORT LAYOUT SCREEN:

TLN : ----+----1----+----2----+----3

A01 : DATE:

A04 : LIST OF EVENTS

PRINTED OUTPUT:

```
+-----+
! DATE: 02 15 1991
!
!
```

! LIST OF EVENTS


```

-----
VA Pac-DSMS                *****  Q U E R Y  *****                USA
LAYOUT OF REPORT          S M00001 ( US: PDIE      )
                          1 2                3

4 5      6
A TLN : ---+---1---+---2---+---3---+---4---+---5---+---6---+
A01 : *****
A02 : *
A03 : *              TITLE.....
A04 : *
A05 : *****
R01 : CURRENT LINE 1....
R02 : CURRENT LINE 2....
Z01 : *****
Z02 : *
Z03 : *              BOTTOM.....
Z04 : *
Z05 : *****
:
:
:
:
:
:
:
:

O: C1 CH: -L
-----

```

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1		REPORT TYPE
		S E C	Site-related report Event-related report Change-related report
2	6		REPORT CODE
3	8		USER CODE (REPORT COPY)
			Code of the user responsible for the Report ("owner").
			DSMS Reports are linked to their owner. In order to copy a Report owned by another user, use the following access choice:
			CH: R t rrrrrr * uuuuuuuu with t Report type (S, E or C) rrrrrr Report code uuuuuuuu code of the Report owner
			In the USER field, replace the code of Report owner by the code of the user that is to receive the copy. Then transmit in order to perform the update.
			You can then copy the Report description screens by replacing, in the "UT=" field of these screens, the owner's user code by the code of the user that is to receive the copy.

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
4	1		ACTION CODE
		C M D B L blank X	Explicit creation Explicit modification Deletion Multiple deletion: deletion of lines up to an 'L' action code or up to the last line of the displayed screen Ending bound of a multiple deletion Implicit update (creation/modification) Explicit update (creation/modification)
		E or -	Inhibit update
5	3		FIXED LABEL/LINE NUMBER SELECTION
		Ann Rnn Znn	Fixed label positioning on the nth heading line, Fixed label positioning on the nth repetitive line, Fixed label positioning on the nth bottom line.
6	71		REPORT LINE FIXED LABEL

Description of Report Contents

The Report Contents screen is used to select data to be included in the printed report, and to specify their position in it.

The Reports Contents is actually a series of pages, since many elements can be included in a printed report.

The Site-related Report Contents includes 5 pages

The Event-related Report Contents includes 18 pages

The Change-related Report Contents includes 9 pages

NOTE: These screens are presented in the APPENDIX so as as help beginning users find which screen(s) contain the data they want to include in their reports.

The Report Contents screen is accessed by entering the following in the CHOICE field:

CH: R t rrrrrr C nn

with t as the type of report
 rrrrrr as the layout code
 nn as the screen number

Repetitive elements are identified by their number of occurrences displayed by the DSMS System in the column labelled "OC". The value 99 corresponds to an indeterminate number of repetitions.

Such elements cannot be used in the page heading and bottom categories: the system will display an error message when A- or Z-type line numbers are entered opposite repetitive elements.

The SORT cannot be used with repetitive elements such as PHASE, OPTION, DESCRIPTION LINE, CONTACT, etc. If a selection criterion of your query is a repetitive field, and if you select this field in the report, the selection will be carried out according to the value provided but the result printout will include all the other values found in this field.

The system does not check for possible field overlap.

NOTE: When a Report calls data which supports multilingual versions, i.e. Short Description, Description and/or associated Keywords, the corresponding data positioned in the Report Contents refers to the language indicated in the Report.

However, other languages may be used, and an additional screen allows for this multilingual Report facility. For more information, see below in this subchapter.

Once the Report Contents screen is entered, the user may view and update a "RECAP" screen on which only his/her input is displayed.

The user accesses this screen by entering the value C2 in the OPERATION CODE field (O:) on a Report Contents screen and pressing ENTER.

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS      E M00001 (US: PDIE )
                      1                2                SCREEN NB: 01
                      3                4
FIELD SELECTED      (LE OC): SORT LN1 CN1  LN2 CN2  LN3 CN3
NUMBER.....(06 01): 1A  A05  15
TYPE.....(02 01):
  LABEL.....(30 01):      R02  20
STATUS.....(02 01):
  LABEL.....(30 01):      R03  20
GRAVITY.....(01 01):
  LABEL.....(30 01):      R04  20
YEAR ENTERED.....(04 01):
  MONTH.....(02 01):
  DAY.....(02 01):
CONTACT.....(08 01):
  TITLE.....(02 01):
  LAST NAME.....(30 01):
  FIRST INITIAL...(01 01):
  FUNCTION.....(03 01):
YEAR CLOSED.....(04 01):
  MONTH.....(02 01):
  DAY.....(02 01):

WORK LOAD.....(03 03):
NUMBER OF LISTINGS(02 01):

O: C1 CH: -C
-----

```

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	6		REPORT CODE
2	8		USER CODE (REPORT COPY)
			Code of the user responsible for the Report ("owner").
			DSMS Reports are linked to their owner. In order to copy a Report owned by another user, use the following access choice:
			CH: R t rrrrr * uuuuuuuu with t Report type (S, E or C) rrrrr Report code uuuuuuuu code of the Report owner
			In the USER field, replace the code of Report owner by the code of the user that is to receive the copy. Then transmit in order to perform the update.
			You can then copy the Report description screens by replacing, in the "UT=" field of these screens, the owner's user code by the code of the user that is to receive the copy.

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
3	2		SORT
		1A - 9A 1D - 9D	Sort criterion in ascending order, Sort criterion in descending order.
4			GROUP FIELD NUMBER OF REPETITIONS : 3
	3		ELEMENT/LINE NUMBER SELECTION
		Ann Rnn Znn	Element positioning on the nth Heading line, Element positioning on the nth Repetitive line, Element positioning on the nth Bottom line.
	3		ELEMENT/COLUMN NUMBER SELECTION
		001-132	Specifies the element's column position on the line indicated in the ELEMENT/LINE NUMBER SELECTION field.

Multilingual Description

This screen allows DSMS users to print data in a language other than the language they have been "assigned" in the USER DEFINITIONS Table or that they have selected in the LANGUAGE CODE field.

Only three types of Change-related data can exist in different languages: Title (T), Description (D), and Keyword (K).

NOTE: This multilingual facility is also available with Event- related Reports since this type of report can include data related to Change(s) associated to the concerned Event(s).

SCREEN ACCESS

The Multilingual Event/Change-Related Report Contents screen is accessed by entering the following input in the CHOICE field:

CH: R CD

Input after the letter "R" specifies the Report type ("C" or "E").

IMPLEMENTATION

The type of data is specified via a 1-character code in the "T"-labeled field.

The Language code explicitly entered in the "L"-labeled field is necessarily different than the user's default language.

Positioning in the report is indicated in the same way as in the regular Report Contents screen.

There is no SORT field since no SORT can be performed on any one of these three types of data.

NOTE: If the same data is being selected in the user's default language, it is also displayed in this screen, and, in addition, the data explicitly entered in this particular screen is displayed in the Event/Change-Related Report Contents Recap screen obtained with the value "C2" in its OPERATION CODE field.

```

VA Pac-DSMS              ***** Q U E R Y *****          USA
REPORT CONTENTS        E M00001 (US: PDIE    )
                      1 2                               3      -CD SCREEN

4 5 6      7
A T L :    LN1 CN1   LN2 CN2   LN3 CN3
:
:
:
:
:
:
:
:
:
:
:
:
:
:
:
:
:
*** END ***
O: C1 CH: REm00001CD

```

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1		REPORT TYPE
		E C	Event-related report Change-related report
2	6		REPORT CODE
3	8		USER CODE (REPORT COPY)
			Code of the user responsible for the Report ("owner").
			DSMS Reports are linked to their owner. In order to copy a Report owned by another user, use the following access choice:
			CH: R t rrrrr * uuuuuuuu with t Report type (S, E or C) rrrrr Report code uuuuuuuu code of the Report owner
			In the USER field, replace the code of Report owner by the code of the user that is to receive the copy. Then transmit in order to perform the update.
			You can then copy the Report description screens by replacing, in the "UT=" field of these screens, the owner's user code by the code of the user that is to receive the copy.
4	1		ACTION CODE

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
		C M D B L blank X	Explicit creation Explicit modification Deletion Multiple deletion: deletion of lines up to an 'L' action code or up to the last line of the displayed screen Ending bound of a multiple deletion Implicit update (creation/modification) Explicit update (creation/modification)
		E or -	Inhibit update
5	1		LINE TYPE
			This field's contents identifies the type of data to be included in the Event- or Change-related Query Report:
		D	Change Description
		K	Change-related Keyword
		T	Change Short Description
6	1		LANGUAGE CODE
			The values for this field are defined in the LANGUAGES Table (CH: Tla).
7			GROUP FIELD NUMBER OF REPETITIONS : 3
	3		ELEMENT/LINE NUMBER SELECTION
		Ann Rnn Znn	Element positioning on the nnth Heading line, Element positioning on the nnth Repetitive line, Element positioning on the nnth Bottom line.
	3		ELEMENT/COLUMN NUMBER SELECTION
		001-132	Specifies the element's column position on the line indicated in the ELEMENT/LINE NUMBER SELECTION field.

Edit Page, Context Page

Two description screens have a special purpose: one is used to specify edit options (date, page numbers and counters associated to sorts); the other is used to specify the scope of the query and print information on the author of the query.

A special Edit page is included in the Report Contents screen:

- Page No. 4 for a Site-Related Report Contents screen,
- Page No. 17 for an Event-Related Report Contents screen,
- Page No. 8 for a Change-Related Report Contents screen.

The Edit page is used to print the following:

1. the printing date,

2. the order number of sorted data (via counters),
3. page numbers.

Users may request that data for which a sort operation is performed be counted. To this end, nine counters are available. Each counter is automatically related to a corresponding SORT key. For example, COUNTER No.4 corresponds to SORT 4A or 4D.

When a break is detected on the key, the counter is incremented and all subordinate counters are reinitialized to 0001.

For example, when COUNTER No.3 is incremented, COUNTER Nos.4 to 9 are reinitialized.

Page numbers can be related to a SORT key: the SORT number is entered in the SORT column opposite the PAGE NUMBER field. The page number will be reinitialized to 0001 each time a break is detected on the corresponding SORT key.

NOTE: Continuous page numbering is a possible editing option even when break-related page skips are requested.

This option is implemented by defining SORTS keys in the information called in the Report HEADING lines. Each time the Query procedure finds data corresponding to the last SORT key defined in the HEADING category, a page skip is generated and the page is numbered sequentially.

```

-----
VA Pac-DSMS          *****  Q U E R Y  *****          USA
REPORT CONTENTS          E M00001 ( US: PDIE  )
                                SCREEN NB : 17
FIELD SELECTED      (LE OC):  SORT  LN1 CN1   LN2 CN2   LN3 CN3

CURRENT YEAR.....(04 01):
  MONTH.....(02 01):
  DAY.....(02 01):

COUNTER LEVEL 1...(04 01):
COUNTER LEVEL 2...(04 01):
COUNTER LEVEL 3...(04 01):
COUNTER LEVEL 4...(04 01):
COUNTER LEVEL 5...(04 01):
COUNTER LEVEL 6...(04 01):
COUNTER LEVEL 7...(04 01):
COUNTER LEVEL 8...(04 01):
COUNTER LEVEL 9...(04 01):

PAGE NUMBER.....(04 01):

0: C1 CH: -C17
-----

```

2. QUERY CONTEXT PAGE:

A special context page is included in the Report Contents screen:

- Page No. 5 for a Site-Related Report Contents screen,
- Page No. 18 for an Event-Related Report Contents screen,
- Page No. 9 for a Change-Related Report Contents screen.

The last page of the Query Report Contents screen, i.e. the Context page, is dedicated to the query scope and authorship.

The query scope includes Product and Subsidiary information, and the authorship includes data relative to the query author (user code, name, function, etc.).

The Query Context page is entered as any other page belonging to the Report Contents screen.

```

-----
VA Pac-DSMS          *****  Q U E R Y  *****          USA
REPORT CONTENTS      E M00001 ( US: PDIE      )
                                SCREEN NB : 18
FIELD SELECTED      (LE OC):  SORT  LN1 CN1   LN2 CN2   LN3 CN3

QUERY SCOPE
PRODUCT.....(01 01):
  SHORT LABEL.....(08 01):
  LONG LABEL.....(20 01):
SUBSIDIARY.....(02 01):
  SHORT LABEL.....(11 01):
  LONG LABEL.....(25 01):

SIGNATURE
USER.....(08 01):
TITLE.....(02 01):
LAST NAME.....(30 01):
FIRST INITIAL....(01 01):
FUNCTION CODE....(03 01):
FUNCTION LABEL...(50 01):

O: C1 CH: -C18
-----

```

List of Reports

The List of Reports screen is accessed by entering the following in the CHOICE field:

CH: LCR _ _____

Optional input is the Report type (S, E, C) and the Report code.

Reports are listed according to their type and code.

The LCR* command displays the list of (copy authorized) Reports belonging to a particular user.

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
LIST OF REPORTS      ( US: PDIE      )

T REPORT  LOCK  REPORT NAME          L  NLP
E R00001  N    List of events       E  60
S R00001  N    List of sites        E  60

* END OF LIST *
O: C1 CH: LCR
-----

```

Chapter 9. Query Submission

Control Cards

The Control Cards screen is accessed by entering the following in the CHOICE field:

CH: LJQ T LLL

with T as the type of card (A: BEFORE, Z: AFTER)

both parameters being optional,
and LLL as the line number.

The C2 option displays the validated JCL lines.

Copy of another user's Control Cards

Control cards, although they belong to a user, since they remain associated with his/her user code, may be copied by another user.

The LJQ* command followed by a user code displays the control cards belonging to this user.

In the screen accessed via this command, the USER area (bottom of the screen) becomes an input area. In this field, replace the owner's user code by yours.

```

-----
VA Pac-DSMS           ***** Q U E R Y *****          USA
CONTROL CARDS - ALL

 1 2 3      4 5
A T L I N : V . . + . .1 . .+ . .2 . .+ . .3 . .+ . .4 . .+ . .5 . .+ . .6 . .+
:
:
:
:
:
:
:
:
:
:
:
:
:
:
:
:
* END OF LIST *
0: C1 CH: LJQ
-----

```

NUMLEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1	ACTION CODE
	C M D B L blank X	Explicit creation Explicit modification Deletion Multiple deletion: deletion of lines up to an 'L' action code or up to the last line of the displayed screen Ending bound of a multiple deletion Implicit update (creation/modification) Explicit update (creation/modification)
	E or -	Inhibit update
2	1	JCL LINES BEFORE/AFTER
	A Z	JCL lines BEFORE JCL lines AFTER
3	3	NUMER.
	'000-999'	1 to 3 numeric characters.
4	1	QUERY VALIDATION FIELD
	V W	This line remains validated after the submission This line is validated only for the submission
5	66	QUERY JCL LINE
		It is possible to write the query JCL lines in lowercase letters.

List of Queries

The List of Queries screen is accessed by entering the following in the CHOICE field:

CH: LCQ _ _____

The optional input is the Query type (S, E, C) followed by the Query code.

The purpose of the LCQ screen is to list all queries defined and described by a given user. It also allows this user to validate queries; once validated, these queries are then automatically displayed on the Query Submission (LVQ) screen.

The LCQ* command followed by a user code displays the list of Queries belonging to another user.

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
LIST OF QUERIES      ( US: PDIE )

          1
T QUERY  LOCK V      QUERY NAME                      REPORT  D P S
C R00001          List of changes by number          M00001  ' $ /
E R00001          V      List of events by type          M00001  ' $ /
E R00002          List of events by site              M00002  ' $ /
S R00001          V      List of sites by region code    M00001  ' $ /

*** END OF LIST ***
O: C1 CH: LCQ
-----

```

NUMLEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1	QUERY VALIDATION FIELD
	V W	This line remains validated after the submission This line is validated only for the submission

Query Submission Screen

The Query Submission screen is accessed by entering the following in the CHOICE field:

CH: LVQ _ _____

The optional input is the Query type (S, E, C) followed by the Query code.

On this screen, the DSMS user has the possibility to override the default options indicated on the Query Definition screen (DELIMITER, PARAMETERIZATION SYMBOL, SEPARATOR).

A batch Query Submission procedure is also available. It is detailed in the "Batch Query Submission" subchapter and in the DSMS Operations Manual.


```

-----
VA Pac-DSMS          *****  Q U E R Y  *****          USA
QUERY SUBMISSION

                                1      2  3 4 5
T QUERY  QUERY NAME - PARAMETERS  REPORT  ON  D P S
E R00001 list of events by type      M00002 02  ' $ /
                                <----- 6 ----->
S R00001 list of sites by region code M00001 01  ' $ /
                                E/

* END OF LIST *
  7      8

2
+ | 0: C1 CH: LVQ                                9      10
                                           JOB:   PASSW:
-----

```

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	6		REPORT CODE
2	2	NUMER.	QUERY ORDER NUMBER This number indicates the order in which the query results will appear in the Query output report.
3	1		DELIMITER The default value is the single quote (').
4	1		PARAMETERIZATION SYMBOL The default value is the dollar sign ('\$).
5	1		SEPARATOR The default value is the slash ('/').
6	60		PARAMETER VALUES The default separator used between two parameter values is '/'.
7	2		OPERATION CODE

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
		C1	Screen standard display option.
		C2	This screen display option is available with a number of screens:
			. Event and Change story (C S or E S), . Detail of Elements Concerned by Change (CH: C C), . Most Event Lists, . Query Descriptions (CH: Q D), . Report Contents (R C), . Most Table screens. . WordSearch screens (CH: WS),
		C3	. Event and Change story (C S and E S).
		C4	. Event and Change story (C S and E S).
		M1 M2 M3	First screen memorization, Second screen memorization, Third screen memorization.
		FT	Conversation exit.
8	40		CHOICE
9	3		EXECUTION REQUEST FIELD
		JOB	Command to be entered to request submission and execution of the query(ies).
10	8		PASSWORD
			This field will be used in the card of the spawned JCL, in CICSE.

Batch Query Submission

DPRT is a batch procedure for the submission of Queries. User input and the Query structure are described hereafter.

User input:

One '*' line, whose structure is the following:

POS.	LEN.	VALUE	MEANING
2	1	*	Line code
3	8	uuuuuuuu	DSMS User code
11	8	pppppppp	Password
19	3	ppp	Connection Product code
22	2	su	Connection Subsidiary code
24	1	l	Language code (optional)

NOTE: If no language code is specified, the default is the one attributed to the user.

One line per Query or extraction request is required:

POS.	LEN.	VALUE	MEANING
2	1	Q	Query
3	1		Query type:
		C	Change
		E	Event
		S	Site
5	6	qqqqqq	Query code
11	6	rrrrrr	Report code
17	1	d	Delimiter (default : ')
18	1	p	Parameter (default : \$)
19	1	s	Separator (default : /)
20	60	aaaaaa...	Parameter values

Chapter 10. Tables

Introduction

INTRODUCTION

DSMS is designed to be a highly flexible tool for the management of application development and support.

This means that the possible values of most of the fields on DSMS screens have to be defined by the DSMS Manager.

Input field coding values are entered by the DSMS Manager in the different tables, which also contain the corresponding labels.

NOTE: Labels may be entered in different languages, thus ensuring the multilingual characteristic of DSMS. (See below for information on the management of multilingual labels).

Therefore, DSMS tables serve three different purposes:

1. User input validation against coding values entered in the various DSMS Tables,
2. Screen display or printing in a Query Report of the corresponding labels,
3. On-line Input Guide.

TABLE INITIALIZATIONS

A pre-defined user code and password (both having the "*****" value) must be used in order to initialize the seven basic DSMS Tables, i.e. the four Tables for User Parameter Management (TUD, TUG, TUS and TUP), and the Subsidiaries, Languages, and Products Tables (TSU, TLA and TPR).

All seven tables are identified by an asterisk in the Table Menu (CH: HT), these asterisks being visible only to the "*****" pseudo user.

NOTE: This user only has authority to modify the "*****" related password.

In the following subchapters, the reader will find a description of each DSMS table.

CODING VALUES & MULTILINGUAL LABELS

Each DSMS Table (save the EVENT/CHANGE NUMBER RANGES Table and the three Tables used for the Management of User Parameters) has two display options. One is obtained with the value "C1" in the OPERATION CODE field, the other with the value "C2". Each option serves a specific purpose regarding the management of DSMS Tables.

1. "C1" TABLE OPTION SCREEN: INPUT OF CODING VALUES

This is where input field coding values are declared. Facing each value, the DSMS Manager enters its label. The language option of these labels is the DSMS Manager's language defined in the USER DEFINITIONS Table (See corresponding subchapter for information on that Table).

1. "C2" TABLE OPTION SCREEN: MULTILINGUAL LABELS

The DSMS Manager enters labels in as many languages as there are language codes defined in the LANGUAGES Table. (See corresponding subchapter for information on that Table).

As a general rule, the "C2" Option is reserved to the DSMS Manager.

NOTE: The Language code that may be entered in the CHOICE field when calling a Table with the "C2" option is notified between parentheses in each subchapter describing a Table for which this display option is available.

DELETIONS IN DSMS TABLES

1. PHYSICAL DELETION

A line deletion in a C1 option table causes all related labels - entered in the C2 option table - to be deleted also.

A line deletion in a C2 option table only deletes the corresponding label, except when it is the last line related to a given code. In this case, the code is implicitly deleted.

NOTE: Language codes cannot be deleted.

Product and Subsidiary codes cannot be deleted on-line.

When a value of an information which may be used as criterion in an Event/Change Search (CH: WS. or WU.) has been entered in relation to at least one Event or Change, this value and its label cannot be deleted in the corresponding Table. This involves the following Tables:

- . TECHNICAL PACKAGES - VERSIONS,
- . PHASES,
- . OPTIONS,

- . TYPES,
- . STATUS,
- . GRAVITIES,
- . USER DEFINITIONS.

2. LOGICAL DELETION

On all tables (except TRA, TUG, TUP, and TUS) with option C1, you can enter 'D' in the 'DEL' field to inhibit table items without physically deleting them.

The code inhibited this way will no longer be available for any entity.

A new value 'W' will cause the display of a WARNING message meaning that the code is to be avoided.

TABLE CONSULTATION

DSMS users access Tables in their "C1" option where they visualize codes and labels in their own language only, this language option being defined - for each user - in the USER DEFINITIONS Table.

With the standard use of the PF09 Function key, DSMS users may also directly consult the Table of the possible values of the field pointed by cursor position (PF11 to return to the screen left with PF09).

In 'C2' option for tables as TUD, TUG, TUP, TUS and TRA, and 'C3' option for other tables, users visualize only the entities whose logical deletion top is not completed.

The logical deletion top is not writable with the C3 option.

The DPRT batch procedure can be used for the printing of Tables. See the Operations Manual for detailed information on this procedure.

```

-----
VA Pac-DSMS          ***** M E N U          *****          USA
TABLES

CONTACT ATTRIBUTES.....:          TAT  _ _ _ _
GRAVITIES.....:          TGR  _ _ _
LANGUAGES.....:          TLA  _ _
OPTIONS.....:          TOP  _ _ _ _ _
PHASES.....:          TPH  _ _ _ _ _
PRODUCTS.....:          TPR  _ _
EVENT/CHANGE RANGE NUMBERS.:          TRA  _ _
REGIONS.....:          TRE  _ _ _
STATUS.....:          TST  _ _ _ _
SUBSIDIARIES.....:          TSU  _ _
TYPES.....:          TTY  _ _
TECHNICAL PACKAGES-VERSIONS:          TVE  _ _ _ _ _
USER PARAMETERS
- USER DEFINITIONS.....:          TUD  _ _ _ _
- GENERAL AUTHORIZATIONS ....:          TUG  _ _ _ _
- AUTHORIZATIONS / PRODUCT...:          TUP  _ _ _ _
- AUTHORIZATIONS / SUBSIDIARY:          TUS  _ _ _ _

RETURN TO GENERAL MENU ....:          H

0: C1 CH: HT
-----

```

Printing of Tables

DPRT is a batch procedure for the extraction and printing of tables. User input and the printing request structure are described hereafter.

User input:

One '*' line, whose structure is the following:

POS.	LEN.	VALUE	MEANING
2	1	*	Line code
3	8	uuuuuuuu	DSMS User code
11	8	pppppppp	Password
19	3	ppp	Connection Product code
22	2	su	Connection Subsidiary code
24	1	l	Language code (optional)

NOTE: Product and Subsidiaries codes are optional.

If no language code is specified, the default is the one attributed to the user.

One line per printing request is required:

POS.	LEN.	VALUE	MEANING
2	3		Table of:
		TAT	Contact attributes
		TGR	Gravities
		TLA	Languages
		TOP	Options
		TPH	Phases
		TPR	Products
		TRE	Regions
		TST	Status
		TSU	Subsidiaries
		TTY	Types
		TUD	User Definitions
		TVE	Technical Packages-Versions
6	1	1	Language code (optional)
7	2	C3	List of items whose logical deletion top is not completed for all tables except TRA, TUG, TUP, TUD and TUS.
7	2	C2	List of items whose logical deletion top is not completed for tables: TRA, TUG, TUP, TUD and TUS.

Attributes

The ATTRIBUTES Table contains the coding values of all FUNCTIONS and SPECIAL RESPONSIBILITIES that can be assigned to Contacts and DSMS users. It also contains the labels associated to Functions and Special Responsibilities codes.

TYPE : 1 character:
 F --> FUNCTION for both Supplier and Client Contacts and also DSMS users at large.
 R --> SPECIAL RESPONSIBILITY for Client Contacts only,

ATTRIBUTE CODE : 3 characters,
 LANGUAGE CODE (C2 only) : 1 character,
 LABEL : 50 characters.

This table is accessed by entering the following in the CHOICE field:

CH: TAT _ _ _ ()

```

-----
VA Pac-DSMS           ***** T A B L E S *****                USA
CONTACT ATTRIBUTES

A  T  ATT  L   :   LABEL                                     DEL
   F  MDR  E   :   MANAGING DIRECTOR
   F  MDR  F   :   DIRECTEUR GENERAL
   F  SEL  E   :   SALES
   F  SEL  F   :   COMMERCIAL
   R  STU  E   :   R & D MANAGER
   R  STU  F   :   RESPONSABLE DES ETUDES
   R  TMN  E   :   TECHNICAL MANAGER
   R  TMN  F   :   MONITEUR
                               :
                               :
                               :
                               :
                               :
                               :
                               :
                               :
                               :
                               :
                               :
0: C2 CH: TAT
-----

```

Gravity Codes

The GRAVITY CODES Table contains the values of all Gravity CODES associated with Events and Changes, and their corresponding LABEL.

TYPE	:	1 character:
		C for Change
		E for Event,
GRAVITY CODE	:	1 character,
LANGUAGE CODE (C2 only)	:	1 character,
LABEL	:	30 characters.

This table is accessed by entering the following in the CHOICE field:

```
CH: TGR _ _ (_)
```

GRAVITY: INITIALIZATION VALUE

The DSMS Manager may assign an initialization value to Event and Change GRAVITY codes: when an Event or Change is created, the GRAVITY code field need not be entered, this GRAVITY code and its corresponding label are automatically displayed.

IMPLEMENTATION:

In the Table's C1 option screen, the value "*" should be entered in the gravity CODE field and the LABEL field should be entered with the Gravity Initialization code.

Then, this Gravity code must be entered in another line, this time in the gravity CODE field, followed by its Label.

NOTE: The label's language is the DSMS Manager's default language.

In the Table's C2 option screen, the DSMS Manager translates that label in as many languages as defined in the LANGUAGES Table, the line entered in the C1 option screen being automatically displayed in the C2 Option screen.

VA Pac-DSMS
GRAVITY CODES

***** T A B L E S *****

USA

A	T	G	:	LABEL	DEL
	C	*	:	I	
	C	B	:	BLOCKING	
	C	D	:	DETAIL	
	C	G	:	SERIOUS: TO BE CORRECTED ASAP	
	C	I	:	IMPORTANT	
	E	*	:	I	
	E	B	:	BLOCKING	
	E	D	:	DETAIL	
	E	G	:	SERIOUS: TO BE CORRECTED ASAP	
	E	I	:	IMPORTANT	
			:		
			:		
			:		
			:		
			:		
			:		
			:		
			:		
			:		
			:		

O: C1 CH: TGR

```

-----
VA Pac-DSMS          ***** T A B L E S          *****          USA
GRAVITY CODES

A  T  G  L  : LABEL                                DEL
   C  B  E  : BLOCKING
   C  B  F  : BLOQUANT
   C  D  E  : DETAIL
   C  D  F  : DETAIL
   C  G  E  : SERIOUS: TO BE CORRECTED ASAP
   C  G  F  : GRAVE: A CORRIGER ASAP
   C  I  E  : IMPORTANT
   C  I  F  : IMPORTANT
   E  B  E  : BLOCKING
   E  B  F  : BLOQUANT
   E  D  E  : DETAIL
   E  D  F  : DETAIL
   E  G  E  : SERIOUS: TO BE CORRECTED ASAP
   E  G  F  : GRAVE: A CORRIGER ASAP
   E  I  E  : IMPORTANT
   E  I  F  : IMPORTANT
           :
           :

O: C2 CH: TGR
-----

```

Languages

The LANGUAGES Table contains the values of all Language CODES and their corresponding SHORT and LONG LABELS.

```

LANGUAGE CODE           : 1 character,
LANGUAGE OPTION (C2 only) : 1 character,
SHORT LABEL             : 8 characters,
LONG LABEL              : 15 characters.

```

This table is accessed by entering the following in the CHOICE field:

```
CH: TLA _ ( )
```

NOTE: Language codes cannot be deleted.

```

-----
VA Pac-DSMS          ***** T A B L E S *****          USA
LANGUAGES

A L L : SHORT L.    LONG LABEL          DEL
A A : ENGLISH      UK English
A E : ENGLISH      UK English
A F : ANGLAIS      Anglais pour UK
A I : INGLESE      UK Inglese
A S : INGLES       UK Ingles
E E : ENGLISH      English
E F : ANGLAIS      Anglais pour US
F E : FRENCH       French
F F : FRANCAIS     Fran\ais
G F : ALLEMAND     Allemand
I F : ITALIEN      Italien
I I : ITALIANO     Italiano
S F : ESPAGNOL     Espagnol
S S : ESPANOL      Espanol
:
:
:
:
*** END ***
O: C2 CH: TLA
-----

```

Options

The OPTIONS Table contains the values of all Option codes associated with the Product to which the user is connected, and their LABEL.

```

OPTION CODE          :      8 characters,
LANGUAGE CODE (C2 only) :      1 character,
SHORT LABEL          :      8 characters,
LONG LABEL           :     30 characters.

```

This table is accessed by entering the following in the CHOICE field:

```
CH: TOP _____ ( )
```

VA Pac-DSMS				*****	T A B L E S	*****	USA
OPTIONS							
A	OPTION	L	:	SHORT L.	LONG LABEL		DEL
	BSD	E	:	BSD	BATCH SYSTEMS DEVELOPMENT		
	BSD	F	:	LGB	LANGAGE BATCH		
	PMO	E	:	PMO	PACMODEL		
	PMO	F	:	MER	MERISE		
	DB2	E	:	DB2	DBD DB2		
	DB2	F	:	DB2	DBD DB2		
	DES	E	:	DES	PACDESIGN		
	DES	F	:	DES	PACDESIGN		
		:	:				
		:	:				
		:	:				
		:	:				
		:	:				
		:	:				
		:	:				
		:	:				
		:	:				
		:	:				
		:	:				
*** END ***							
O: C2 CH: TOP							

Phases

The PHASES Table contains the values of all Phase CODEs associated with a Product as well as with Events and/or Changes, and their LABELS.

PHASE CODE	:	8 characters,
LANGUAGE CODE (C2 only)	:	1 character,
SHORT LABEL	:	8 characters,
LONG LABEL	:	25 characters.

This table is accessed by entering the following in the CHOICE field:

CH: TPH _____ ()

VA Pac-DSMS		***** T A B L E S *****			USA	
PHASES						
A	PHASE	L	:	SHORT L.	LONG LABEL	DEL
	XXX01	E	:	YYY01	PHASE 1	
	XXX01	F	:	YYY01	PHASE NUMERO 1	
	XXX02	E	:	YYY02	PHASE 2	
	XXX02	F	:	YYY02	PHASE NUMERO 2	
		:				
		:				
		:				
		:				
		:				
		:				
		:				
		:				
		:				
		:				
		:				
		:				
*** END ***						
O: C2 CH: TPH						

Products

The PRODUCTS Table contains the values of all PRODUCT codes and their corresponding short and long labels.

PRODUCT CODE	:	3 characters,
LANGUAGE CODE	(C2 only) :	1 character,
SHORT LABEL	:	8 characters,
LONG LABEL	:	20 characters,

This table is accessed by entering the following in the CHOICE field:

CH: TPR _ ()

NOTE: Product codes cannot be deleted on-line.

Batch deletions may be requested via the DREO procedure (See the DSMS Operations Manual for complete information).

IMPLEMENTATION

DSMS displays this Table with the Product and Subsidiary codes found in the corresponding Tables. Therefore lines in this Table cannot be created nor deleted.

When a Product code is not followed by a Subsidiary code, the range of numbers apply to Changes since a Change is not linked to a given Subsidiary. If the Subsidiary code is also displayed, the range of numbers apply to Events.

The range first number is initialized to "000001" and the last number to "999998".

The ALARM field value (initialized to "999980") will cause a WARNING message to be displayed as soon as a DSMS user creates an Event/Change which is assigned that number.

"WARNING ---> LAST CREATED NUMBER WILL BE nnnnnn"

The NEXT NUMBER field (labeled "NEXT N" on the screen) indicates the current numbering position by displaying the number of the upcoming Event/Change.

NOTE: When a range last number is modified, the range first number must be set to a value no lesser than the NEXT Number value.

When a range first number is modified, the NEXT Number field automatically displays this new value.

```

-----
VA Pac-DSMS          *****  T A B L E S  *****          USA
EVENT & CHANGE NUMBER RANGES
1  2  3  4  5  6
A  PRO SU : NUMBER RANGES ALARM NEXT N
    ALP   : 000001 999998 999980 000001
    ALP FR : 000001 999998 999980 000001
    ALP SP : 000001 999998 999980 000001
    ALP US : 000001 999998 999980 000001
    BET   : 000001 999998 999980 000001
    BET FR : 000001 999998 999980 000001
    BET SP : 000001 999998 999980 000001
    BET US : 000001 999998 999980 000001
        :
        :
        :
        :
        :
        :
        :
        :
        :
        :
        :
        :
*** END ***
0: C1 CH: TRA
-----

```

NUMLEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1	ACTION CODE
	blank M	Implicit modification Explicit modification
	E or -	Inhibition of modification
2	1	PRODUCT CODE (REQUIRED)
		All Product codes defined in the PRODUCTS Table are automatically displayed in this Table.
		For further details, please refer to the "TABLES" Chapter, "PRODUCTS" Subchapter.
		Input in this field is allowed as a facility to modify a range of numbers and an alarm number not visualized in the displayed section of the Table.
3	2	SUBSIDIARY CODE (REQUIRED)
		All Subsidiary codes defined in the SUBSIDIARIES Table are automatically displayed in this Table.
		For further details, please refer to the "TABLES" Chapter, "SUBSIDIARIES" Subchapter.

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
			Input in this field is allowed as a facility to modify a range of numbers and an alarm number not visualized in the displayed section of the Table.
			NOTE: When this field is empty, the line refers to Changes. When this field displays a Subsidiary code, the line refers to Events.
4	6		RANGE FIRST NUMBER (REQUIRED)
			This number is the lower limit for the numbering of Changes related to the considered Product IF the lines's SUBSIDIARY field is empty.
			If a Subsidiary code is displayed on the line, this lower limit applies to the numbering of Events related to the considered Product AND Subsidiary.
			NOTE: When this field is modified, the NEXT NUMBER field automatically displays this new value. When the RANGE LAST NUMBER is modified, this field must be set to a value no lesser than the value displayed in the NEXT NUMBER field.
		000001	Initialization value.
5	6		RANGE LAST NUMBER (REQUIRED)
			This number is the upper limit for the numbering of Changes related to the considered Product IF the lines's Subsidiary field is empty.
			If a Subsidiary code is displayed on the line, this upper limit applies to the numbering of Events related to the considered Product AND Subsidiary.
			NOTE: When this field is modified, the RANGE FIRST NUMBER must be set to a value no lesser than the value displayed in the NEXT NUMBER field.
		999998	Initialization value.
6	6		ALARM NUMBER (REQUIRED)
			This field is entered with a number that will make DSMS display a WARNING message as soon as a DSMS user creates an Event or Change with that number.
			This means that numbers authorized by the Event or Change range of numbers will soon be all assigned.
		999980	Initialization value.

Regions

The REGIONS Table contains the values of all Region CODEs and their corresponding LABEL.

REGION CODE : 3 characters,
LANGUAGE CODE (C2 only) : 1 character,
LABEL : 30 characters.

This table is accessed by entering the following in the CHOICE field:

CH: TRE ___ (_)

TYPE	: 1 character: C for Change E for Event S for Site,
STATUS CODE	: 2 characters,
LANGUAGE CODE (C2 only)	: 1 character,
LABEL	: 30 characters.

This table is accessed by entering the following in the CHOICE field:

CH: TST _ _ ()

STATUS: INITIALIZATION VALUE

The DSMS Manager may assign an initialization value to Site, Event, and Change STATUS codes: when a Site, Event, or Change is created, the STATUS code field need not be entered, this STATUS code and its corresponding label are automatically displayed.

IMPLEMENTATION:

In the Table's C1 option screen, the value "***" should be entered in the STATUS code field and the LABEL field should be entered with the Status initialization code.

Then, this Status code must be entered in another line, this time in the STATUS code field, followed by its Label.

NOTE: The label's language is the DSMS Manager's default language.

In the Table's C2 option screen, the DSMS Manager translates that label in as many languages as defined in the LANGUAGES Table, the line entered in the C1 Option screen being automatically displayed in the C2 Option screen.

VA Pac-DSMS
STATUS CODES

***** T A B L E S *****

USA

A	T	ST	:	LABEL	DEL
C	**		:	AP	
C	AP		:	ANALYSIS TO BE PROCESSED	
C	PD		:	PENDING	
E	**		:	PP	
E	GG		:	EVENT TURNED INTO A CHANGE	
E	PP		:	PROCESSING IN PROGRESS	
S	**		:	00	
S	C		:	CLOSED	
S	00		:	OPERATING	

*** END ***

0: C1 CH: TST

```

-----
VA Pac-DSMS                ***** T A B L E S *****                USA
STATUS CODES

A T S T L : LABEL                                DEL
C A P E : ANALYSIS TO BE PROCESSED
C A P F : ANALYSE A FAIRE
C P D E : PENDING
C P D F : EN SUSPENS
E G G E : EVENT TURNED INTO A CHANGE
E G G F : EVENEMENT DEVENU AMELIORATION
E P P E : PROCESSING IN PROGRESS
E P P F : TRAITEMENT EN COURS
S C E : CLOSED
S C F : FERME
S O O E : OPERATING
S O O F : OUVERT
:
:
:
:
:
:
:
:
:
:
*** END ***
O: C2 CH: TST
-----

```

Subsidiaries

The SUBSIDIARIES Table contains the values of all SUBSIDIARY codes and their corresponding short and long labels.

- SUBSIDIARY CODE : 2 characters,
- LANGUAGE CODE (C2 only) : 1 character,
- SHORT LABEL : 11 characters,
- LONG LABEL : 25 characters,
- DEFAULT LANGUAGE (C1 only) : 1 character. It is the default language used when creating a Site.

This table is accessed by entering the following in the CHOICE field:

```
CH: TSU __ (_)
```

The last field (labelled "L/D") allows the DSMS Manager to specify the default language option of each Subsidiary.

NOTE: Subsidiary codes cannot be deleted on-line. Batch deletions may be requested via the DREO procedure (see the DSMS Operations Manual for complete information).


```

-----
VA Pac-DSMS          ***** T A B L E S *****          USA
SUBSIDIARIES

A  SU L :  SHORT LABEL  LONG LABEL                      DEL
FR E :  FRANCE        FRANCE
FR F :  FRANCE        FRANCE
FR S :  FRANCIA       FRANCIA
SP E :  SPAIN         SPAIN
SP F :  ESPAGNE       ESPAGNE
SP S :  ESPANA        ESPANA
US E :  USA           UNITED STATES
US F :  USA           ETATS UNIS D'AMERIQUE
US S :  EEUU         ESTADOS UNIDOS
:
:
:
:
:
:
:
:
:
:
*** END ***
O: C2 CH: TSU
-----

```

Types

The TYPES Table contains the values of all Type CODEs associated with Events and/or Changes, and their corresponding LABEL.

```

ENTITY CODE ('T')      : 1 character (E or C)
TYPE CODE ('TY')      : 2 characters,
LANGUAGE CODE (C2 only) : 1 character,
LABEL                  : 30 characters.

```

This table is accessed by entering the following in the CHOICE field:

```
CH: TTY _ ( _)
```

STATUS: INITIALIZATION VALUE

The DSMS Manager may assign an initialization value to Event/Change TYPE code: when an Event or Change is created, the TYPE code field need not be entered, this TYPE code and its corresponding label are automatically displayed.

IMPLEMENTATION:

In the Table's C1 option screen, the value "*" should be entered in the type code field and the LABEL field should be entered with the Type initialization code.

Then, this Type code must be entered in another line, this time in the type code field, followed by its Label.

NOTE: The label's language is the DSMS Manager's default language.

In the Table's C2 option screen, the DSMS Manager translates that label in as many languages as defined in the LANGUAGES Table, the line entered in the C1 Option screen being automatically displayed in the C2 Option screen.

```
VA Pac-DSMS
```

```
***** T A B L E S *****
```

```
USA
```

```
TYPES
```

```
A  T  TY : LABEL DEL
```

```
C  ** : B
```

```
C  B  : BUG
```

```
C  I  : DEVELOPMENT
```

```
C  T  : Correction during TEST
```

```
:
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*** END ***
```

```
0: C1 CH: TTY
```


CH: Tve _ _ _ _ ()

NOTE: The absence of a 'Technical Package/Release' set is checked before the deletion of a line.

 VA Pac-DSMS ***** T A B L E S ***** USA
 TECHNICAL PACKAGES - VERSIONS

A	TP REL HDW VER L	:	LABEL	DATE	DEL
	PB	:	VAPAC		
	PB 721	:	VAPAC 7.2.1		
	PB 721 COS	:	VAPAC 7.2.1 MVS		
	PB 721 COS V00 E	:	VAPAC 7.2.1 MVS	20040606	
	PB 721 COS V01 E	:	VAPAC 7.2.1 MVS	20050707	
	PB 721 COS V02 E	:	VAPAC 7.2.1 MVS	20050808	
		:			
		:			
		:			
		:			
		:			
		:			
		:			
		:			
		:			
		:			

*** END ***
 O: C1 CH: TVE

```

-----
VA Pac-DSMS          *****  T A B L E S  *****          USA
TECHNICAL PACKAGES - VERSIONS

A  TP REL HDW VER L  L  : LABEL                                DEL
PB                               E  : VAPAC
PB                               F  : VAPAC
PB 721                          E  : VAPAC 7.2.1
PB 721                          F  : VAPAC 7.2.1
PB 721 COS                       E  : VAPAC 7.2.1 MVS
PB 721 COS                       F  : VAPAC 7.2.1 MVS
PB 721 COS V00 E                 E  : VAPAC 7.2.1 MVS
PB 721 COS V00 E                 F  : VAPAC 7.2.1 MVS
PB 721 COS V00 F                 E  : VAPAC 7.2.1 MVS
PB 721 COS V00 F                 F  : VAPAC 7.2.1 MVS
PB 721 COS V01 E                 E  : VAPAC 7.2.1 MVS
PB 721 COS V01 E                 F  : VAPAC 7.2.1 MVS
PB 721 COS V01 F                 E  : VAPAC 7.2.1 MVS
PB 721 COS V01 F                 F  : VAPAC 7.2.1 MVS
PB 721 COS V02 E                 E  : VAPAC 7.2.1 MVS
PB 721 COS V02 E                 F  : VAPAC 7.2.1 MVS
PB 721 COS V02 F                 E  : VAPAC 7.2.1 MVS
PB 721 COS V02 F                 F  : VAPAC 7.2.1 MVS
*** END ***
O: C2 CH: TVE
-----

```

Introduction to User Parameter Management

Managing user parameters involves three tables. (See next three subchapters for detailed information on each one of these Tables).

1. USER DEFINITIONS (CH: Tud):

DSMS users (including Supplier Contacts) are defined in the USER DEFINITIONS Table.

1. GENERAL USER AUTHORIZATIONS (CH: Tug):

This Table is used to define a user's General Authorization and Specific Authorizations regarding Changes and Tables.

It is in this Table that a user is assigned a Subsidiary: this user will be connected by default to that Subsidiary. In addition to the Default Subsidiary, the related Event and Site Specific Authorizations are granted.

It is also in this Table that a user is assigned a Product: this user will be connected by default to that Product.

1. USER AUTHORIZATIONS BY SUBSIDIARY (CH: Tus):

This Table is used to grant users ADDITIONAL authorization(s) with respect to Subsidiaries, and their related Events and Sites.

1. USER AUTHORIZATIONS BY PRODUCTS (CH: Tup):

This Table allows the DSMS Database Manager to assign new authorizations for other products and the Changes related to them.

User Definitions

The USER DEFINITIONS Table includes the following data for each Supplier Contact and DSMS user:

USER CODE	: 8 characters,
PASSWORD	: 8 characters,
TITLE	: 2 characters (not used on-line),
LAST NAME	: 30 characters,
FIRST INITIAL	: 1 character (not used on-line),
DEFAULT LANGUAGE	: 1 character,
FUNCTION CODE	: 3 characters.
USER TYPE	: 1 character.

This table is accessed by entering the following in the CHOICE field:

CH: TUD _____

TABLE INITIALIZATION

The USER DEFINITIONS Table contains a "Pseudo User" line. This "*****"-coded user is used to initialize the six basic DSMS tables in order to make DSMS operational. (See "INTRODUCTION" Subchapter).

The "Pseudo User" line cannot be deleted and only its PASSWORD field can be modified (by the "*****" user only).

```

-----
VA Pac-DSMS          ***** T A B L E S ***** USA
USER DEFINITIONS
1 2             3             4 5             6 7 8 9
A USER COD : PASSWORD TL LAST NAME I L FCT T             DEL
***** : *             ** INIT. * ***
XXWAYN : X             MR WAYNE W E MAN
WSJCC : X             MR SMITH R E TEC
:
:
:
:
:
:
:
:
:
:
:
:
:
:
:
:
*** END ***
O: C1 CH: TUD
-----

```

NUMLEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1	ACTION CODE
	C M D blank X	Explicit creation Explicit modification Deletion Implicit update Explicit update (creation/modification)
	E or -	Inhibit update (creation/modification)
2	8	USER CODE (REQUIRED)
3	8	PASSWORD
4	2	TITLE (REQUIRED)
		This field contains the Contact's Title. For example: MR for Mr., MS for Ms., DR for Dr.
5	30	LAST NAME (REQUIRED)
6	1	FIRST NAME INITIAL (REQUIRED)
7	1	LANGUAGE CODE (REQUIRED)
		The values for this field are defined in the LANGUAGES Table (CH: Tla).
		The code entered in this field identifies the user's default language.

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
			DEFAULT VALUE: The Language code associated with the Subsidiary to which the user is connected by default. This value is entered in the SUBSIDIARIES Table (CH: TSU).
8	3		FUNCTION CODE
			The value entered in this field must be defined in the ATTRIBUTES Table, on F-type lines (CH: Tat).
		blank	No function is assigned.
9	1		TYPE D'UTILISATEUR
			Optional field. The values you enter in this field are defined by the person responsible for the administration of the table (Definition of Users). There is no chaining, and no control on this field. For information only.

General User Authorizations

The GENERAL USER AUTHORIZATIONS Table includes the following authorizations for each DSMS user (identified by his/her user code):

USER CODE : 8 character,
 GENERAL : 1 character,
 TABLE : 1 character,
 FOR THE PRODUCTS
 (connection) : 3 character.
 CHANGE : 1 character,
 SUBSIDIARY CODE
 (connection) : 2 characters,
 EVENT : 1 character,
 SITE : 1 character,
 FOR THE SITE : 12 characters,

This table is accessed by entering the following in the CHOICE field:

CH: TUG _____

The GENERAL Authorization (Field No.3) is a default authorization granted for CHANGES, EVENTS, SITES, QUERIES, and TABLES as a whole.

The DSMS Manager can qualify (restrict or expand) a user's GENERAL authorization by granting lower or higher authorization levels specifically for CHANGES (Field No.6), TABLES (Field No.4), EVENTS (Field No.8), or SITES (Field No.9).

The SUBSIDIARY Code entered in the 'SU'-labeled field (No.7) is the default value taken into account by the DSMS System when the DSMS user signs on.

The PRODUCT Code (No.5) is the default value taken into account by the DSMS System when the DSMS user signs on. Additional Product Authorizations may be granted in the TUP Table.

NOTE: The Change-specific Authorization refer to that Product only.

When a client is a DSMS user, only a Site-specific Authorization is granted:

This user can only consult and/or update (depending on the user's GENERAL authorization) data related to that Site only.

This Site (full) code is entered in the field labelled FOR THE SITE (Fields No.9 and 10).

```

VA Pac-DSMS                ***** T A B L E S *****                USA
GENERAL USER AUTHORIZATIONS
1 2                3 4 5 6 7 8 9 10 11
A USER CODE : GEN TAB PRO C SU E S FOR THE SITE
PTAD          : 3 3 3 5 US 3 3
PTCV          : 1 1 0 5 US 3 3 CCIG
PTED          : 0 1 3 5 US 3 1
PTJE          : 3 3 3 5 US 1 1
PTMP          : 3 3 3 5 US 1 1
              :
              :
              :
              :
              :
              :
              :
              :
              :
              :
              :
              :
              :
              :
              :
              :
*** END ***
O: C1 CH: TUG PT

```

NUMLEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1	ACTION CODE
	C M D blank X	Explicit creation Explicit modification Deletion Implicit update Explicit update (creation/modification)
	E or -	Inhibit update (creation/modification)
2	8	USER CODE (REQUIRED)
		The "USER DEFINITION" Table lists the users who can connect to the system.
3	1	GENERAL AUTHORIZATION (REQUIRED)
		The general authorization is a default authorization granted for Changes, Events, Sites, Queries and Tables as a whole.
	0	No authorization granted,
	1	Consultation only (except Passwords),
	3	Update (except tables),
	4	Update (including tables). NOTE: The update may be restricted by the "CHANGE AUTHORIZATION".
4	1	TABLE AUTHORIZATION
	0	No authorization granted,

NUMLEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
	1	Consultation only (except Passwords),
	3	Consultation only (except Passwords) and Update except in the three Tables used for User Parameter Management,
	4	Consultation and Update (all Tables).
5	3	CONNECTION PRODUCT CODE (REQUIRED)
		The values for this field are defined in the PRODUCTS Table (CH: Tpr).
		The first code entered in this field identifies the Product to which the user is connected by default.
6	1	CHANGE AUTHORIZATION
	0	No authorization granted,
	1	Consultation only,
	3	Consultation and Update (except in the Detail of Elements Concerned, Detail of Modified Elements and Database-Library Lock screens),
	4	Same as Authorization 3, but update authorized in the Detail of Modified Elements screen,
	5	Consultation and Update (all screens).
7	2	SUBSIDIARY CODE (REQUIRED)
		The values for this field are defined in the SUBSIDIARIES Table (CH: Tsu).
		The code entered in this field identifies the default Subsidiary at connection time.
8	1	EVENT AUTHORIZATION
	0	No authorization granted,
	1	Consultation only,
	3	Consultation and Update,
	4	Same as Authorization 3.
9	1	SITE AUTHORIZATION
	0	No authorization granted,
	1	Consultation only,
	3	Consultation and Update,
	4	Same as Authorization 3.
10	9	SITE CODE

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
			This field is to be entered when the DSMS user is a Client. Access authorizations are limited to this Client's Site. Update is possible if the site indicated belongs to the connection Subsidiary and if the user has been granted an authorization level of 3 on this site.
11	3		SITE SUB-CODE
			This field is to be entered when the DSMS user is a Client. Access authorizations are limited to this Client's Site.
			NOTE: Input in this field is required if the SITE CODE field has been entered with a value.
			Update is possible if the site indicated belongs to the Subsidiary of connection and if the user has been granted an authorization level of 3 on this site.

User Authorizations by Subsidiaries

The USER AUTHORIZATIONS BY SUBSIDIARY Table is used to grant additional authorizations regarding Subsidiary access along with their Events and Sites.

USER CODE : 8 characters,
 LINE NUMBER : 2 characters,
 SUBSIDIARY CODE : 2 characters,
 EVENT AUTHORIZATION : 1 character,
 SITE AUTHORIZATION : 1 character.

The last three fields are repeated 7 times. If necessary, more authorizations can be entered by creating new lines via additional line number(s) in the 2-character field labeled "LI".

This table is accessed by entering the following in the CHOICE field:

CH: TUS _____ _

A check for duplicates is carried out on all the Subsidiaries assigned to the user (including the default Subsidiary of the TUG screen).

```

-----
VA Pac-DSMS                *****   T A B L E S   *****                USA
USER AUTHOR. BY SUBSIDIARY
1 2          3      4
A USER COD LI : SU E S  SU E S  SU E S  SU E S  SU E S  SU E S  SU E S
PTAD        00 : FR 3 3  US 3 3  CH 3 3
PTCV        00 : CH 1 3  US 3 1
PTJE        00 : FR 3 3  US 3 3  CH 3 3
PTMP        00 : US 3 3  FR 1 1
              :
              :
              :
              :
              :
              :
              :
              :
              :
              :
              :
              :
              :
              :
*** END ***
O: C1 CH: TUS PT
-----

```

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1		ACTION CODE
		C M D blank X	Explicit creation Explicit modification Deletion Implicit update Explicit update (creation/modification)
		E or -	Inhibit update (creation/modification)
2	8		USER CODE
			The "USER DEFINITION" Table lists the users who can connect to the system.
3	2	NUMER.	LINE NUMBER
4			GROUP FIELD NUMBER OF REPETITIONS : 7
	2		SUBSIDIARY CODE
			The values for this field are defined in the SUBSIDIA- RIES Table (CH: Tsu).
	1		EVENT AUTHORIZATION
		0	No authorization granted,
		1	Consultation only,
		3	Consultation and Update,
		4	Same as Authorization 3.

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
	1		SITE AUTHORIZATION
		0	No authorization granted,
		1	Consultation only,
		3	Consultation and Update,
		4	Same as Authorization 3.

Authorizations by Product

The USER AUTHORIZATIONS BY PRODUCT Table is used to grant additional authorizations regarding Product access along with their Events and Sites.

USER CODE : 8 characters,
 LINE NUMBER : 2 characters,
 PRODUCT CODE : 3 characters,
 CHANGE AUTHORIZATION : 1 character.

The last two fields are repeated 8 times. If necessary, more authorizations can be entered by creating new lines via additional line number(s) in the 2-character field labeled "LI".

This table is accessed by entering the following in the CHOICE field:

CH: TUP _____ _

A check for duplicates is carried out on all the Subsidiaries assigned to the user (including the default Subsidiary of the TUG screen).

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
		3	Consultation and Update (except in the Detail of Elements Concerned, Detail of Modified Elements and Database-Library Lock screens),
		4	Same as Authorization 3, but update authorized in the Detail of Modified Elements screen,
		5	Consultation and Update (all screens).

Chapter 11. Database/Library Lock

The Database-Library Lock screen is accessed by entering the following in the CHOICE field:

CH: PL __

Input after PL is the logical Database code, followed optionally by a Library code.

Only users granted a level 5 Change-related authorization can update this screen.

```

-----
VA Pac-DSMS          *****  M E N U  *****          USA
VISUALAGE PACBASE INTERFACE

                                CHOICE

DATABASE-LIBRARY LOCK.....:    PL....__

RETURN TO GENERAL MENU.....:    H

0: C1 CH: HP
-----

```

Security management vis-a-vis DSMS and VA Pac is provided on the Database/Library Lock (PL) screen.

The purpose of this screen is to provide security with respect to update of entities not involved in Change requests, for all the products they concern.

This is done by defining update locks at two levels:

1. The DATABASE - LIBRARY - SESSION TYPE levels,
2. The ENTITY TYPE level.

Update locks on ENTITY TYPES are defined within the context of a Database, Library and Session type. Input in these 3 fields is required.

In the ENTITY TYPES field, the letter(s) identifying the different Entity Types can be entered in any order. The DSMS System automatically repositions them under the corresponding column labels.

NOTE: A library can only be mentioned once in relation to one Database.

These locked entity types will automatically be displayed on the Detail of Elements Concerned screen (CH: C.....C) if the DATABASE, LIBRARY and SESSION TYPE match the DATABASE, LIBRARY, and SESSION NUMBER entered in this screen.

Update locks for a specific database (entered on the PL screen) can be modified on the Detail of Elements Concerned screen for given Change(s) and user(s).

```

-----
VA Pac-DSMS          *** VISUALAGE PACBASE INTERFACE ***   USA
DATABASE LIBRARY LOCK

      1
BASE :  SG28

  2 3      4      5          6
A LIB : SESS  LOCKED ENTITIES
  COD : TYPE BDEFIKMOPQRSTU*  USER ENTITY TYPES
  T00 : Z          OP          $EU
  T01 : T      B  F
  T02 : Z          *
      :
      :
      :
      :
      :
      :
      :
      :
      :
      :
*** END ***
0: C1 CH: PLsg28
-----

```

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	4		LOGICAL DATABASE CODE (REQUIRED)
2	1		ACTION CODE
		C M D B L blank X	Explicit creation Explicit modification Deletion Multiple deletion: deletion of lines up to an 'L' action code or up to the last line of the displayed screen Ending bound of a multiple deletion Implicit update (creation/modification) Explicit update (creation/modification)
		E or -	Inhibit update
3	3		LIBRARY CODE (REQUIRED)
4	1		SESSION TYPE (REQUIRED)
		'T' 'Z' '*'	Versioned sessions only. Current session only. Both current and versioned sessions.
5	16		ENTITY TYPES
			Entity type (1 character)
			It is not necessary to specify the entity types in the order specified in the header because they will be placed in the appropriate column automatically.
6	3		USER ENTITY TYPE NUMBER OF REPETITIONS : 10

NUM	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
			This is the User Entity Call Type in the \$tt format.

Chapter 12. Appendix 1: Query Screens

Site-Related Query Description Screens

NOTE:

D1: Site Definition

D2: Versions Delivered (CH: -V)

Supplier Contacts (CH: -U)

D3: Client Contact (CH: -C)

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
QUERY DESCRIPTION          S REQSIT ( US: PDIE)
                               SCREEN NB : 01

SELECTION LIST (LE): SELECTION CRITERIA
SITE CODE.....(09):
SITE SUB-CODE.....(03):

STATUS.....(02):
REGION.....(03):
LANGUAGE.....(01):
SHORT CODE.....(03):

CORPORATE NAME....(40):
ADDRESS 1.....(40):
      2.....(40):
      3.....(40):
      4.....(40):

TELEPHONE.....(20):
TELEX.....(20):
FAX.....(20):

0: C1 CH: QSREQSITD1
-----

```

```
-----  
VA Pac-DSMS          ***** Q U E R Y *****          USA  
QUERY DESCRIPTION          S REQSI ( US: PDIE      )  
                               SCREEN NB : 02  
  
SELECTION LIST (LE): SELECTION CRITERIA  
-V INFORMATION  
TECHNICAL PACKAGE.(02):  
RELEASE.....(03):  
HARDWARE.....(03):  
VERSION.....(03):  
LANGUAGE.....(01):  
VOLUME.....(11):  
SHIPMENT DATE.....(06):  
REMARK.....(20):  
  
-U INFORMATION  
CONTACT.....(08):  
FUNCTION.....(03):  
  
0: C1 CH: QSREQSITD2  
-----
```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
QUERY DESCRIPTION          S REQSIT ( US: PDIE          )
                                SCREEN NB : 03

SELECTION LIST (LE): SELECTION CRITERIA
-C INFORMATION
CLIENT NAME.....(30):
TITLE.....(02):
FIRST NAME.....(15):
MIDDLE NAME.....(15):
NICKNAME.....(15):
FUNCTION.....(03):
  LABEL.....(50):
PRODUCT CODE.....(03):
TECHNICAL PACKAGE.(02):
SPECIAL.....(03):
COMMENTS.....(50):

*** END ***
0: C1 CH: QSREQSITD3
-----

```

Event-Related Query Description Screens

- D1: Event Definition
- D2: Event Definition (Cont'd)
- External References
- D3: Descriptions (CH: -DN, CH: -DT)
- Follow-Up (CH: -FN, CH: -FT)
- Event Story (CH: -S)
- D4: Event Story (Cont'd)


```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
QUERY DESCRIPTION          E EVENT ( US: PDIE      )          SCREEN NB : 01

SELECTION LIST (LE): SELECTION CRITERIA
NUMBER.....(06):
TYPE.....(02):
STATUS.....(02):
GRAVITY.....(01):

DATE ENTERED.....(08):
CONTACT.....(08):
DATE CLOSED.....(08):

PHASE.....(08):
OPTION.....(08):

SITE CODE.....(09):
SITE SUB-CODE.....(03):
COMMUNICATION DATE(06):
CLIENT REFERENCE..(15):
NUMBER OF LISTINGS(02):
ASSOCIATED CHANGE.(06):

O: C1 CH: QEEVENT D1
-----

```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
QUERY DESCRIPTION          E EVENT ( US: PDIE )          SCREEN NB : 02

SELECTION LIST (LE): SELECTION CRITERIA
TECHNICAL PACKAGE.(02):
RELEASE.....(03):
HARDWARE.....(03):
VERSION.....(03):
LANGUAGE.....(01):
CREATION DATE.....(06):
    TIME.....(06):
LAST UPDATE.....(06):
    TIME.....(06):

EXTERNAL REFERENCES
DSMS DATABASE.....(04):
PRODUCT.....(03):
SUBSIDIARY.....(02):
NUMBER.....(06):

RELATIVE NUMBER...(06):

0: C1 CH: QEEVENT D2
-----

```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
QUERY DESCRIPTION          E EVENT ( US: PDIE          )
                               SCREEN NB : 03

SELECTION LIST (LE): SELECTION CRITERIA
DESCRIPTIONS
SHORT DESCRIPTION.(50):
NATIVE DESCRIPTION(60):
  KEYWORDS.....(55):
TECHN. DESCRIPTION(60):
  KEYWORDS.....(55):

NATIVE FOLLOW-UP..(60):
TECHN. FOLLOW-UP..(60):

-S INFORMATION
DATE.....(08):
TIME.....(06):
TYPE.....(02):
STATUS.....(02):
GRAVITY.....(01):
DATE ENTERED.....(08):
CONTACT.....(06):
DATE CLOSED.....(08):
*** END ***
O: C1 CH: QEEVENT D3
-----

```

```

-----
VA Pac-DSMS                ***** Q U E R Y *****                USA
QUERY DESCRIPTION          E EV1   ( US: PTJE   )
                               SCREEN NB : 04

SELECTION LIST....(LE): SELECTION CRITERIA
SITE CODE .....(09):
SITE SUB-CODE ....(03):
CLIENT REFERENCE..(15):
NUMBER OF LISTINGS(02):
COMMUNICATION DATE(08):
TECHNICAL PACKAGE.(02):
RELEASE.....(03):
HARDWARE.....(03):
VERSION.....(03):
LANGUAGE.....(01):
ASSOCIATED CHANGE.(06):
EXT. REF. DATABASE(04):
EXT. REF. PRODUCT.(03):
EXT. REF. SUBSID..(02):
EXT. REF. NUMBER..(06):
PHASES.....(08):
OPTIONS.....(08):
USER CODE .....(08):
*** END ***
0: C1 CH:
-----

```

Change-Related Query Description Screens

D1: Change Definition

D2: External References

Change Descriptions (CH: -D)

Elements Concerned (CH: -C)

D3: Elements Concerned (Cont'd)

Detail of elements Modified (CH: -M)

Follow-Up (CH: -F)

D4: Quality-Controlled Versions (CH: -Q)

Change Story (CH: -S)

D5: Change Story (Cont'd)

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
QUERY DESCRIPTION          C CHANGE ( US: PDIE      )
                               SCREEN NB : 01

SELECTION LIST (LE): SELECTION CRITERIA
NUMBER.....(06):
TYPE.....(02):
STATUS.....(02):
GRAVITY.....(01):

DATE ENTERED.....(08):
DATE CLOSED.....(08):
TECHNICAL PACKAGE.(02):
RELEASE.....(03):
HARDWARE.....(03):
PHASE.....(08):
OPTION.....(08):
NUMBER OF LISTINGS(02):
SUPERVISOR.....(08):
CREATION DATE.....(08):
    TIME.....(06):
LAST UPDATE.....(08):
    TIME.....(06):

O: C1 CH: QCCHANGED1
-----

```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
QUERY DESCRIPTION          C CHANGE ( US: PDIE          )
                               SCREEN NB : 02

SELECTION LIST (LE): SELECTION CRITERIA
EXTERNAL REFERENCE
DSMS DATABASE.....(04):
PRODUCT.....(03):
NUMBER.....(06):

SHORT DESCRIPT....(50):
DESCRIPTION.....(60):
  KEYWORDS.....(55):

-C INFORMATION
USERS.....(08):
BASE.....(04):
LIBRARY.....(03):
SESSION NUMBER....(04):
SESSION TYPE.....(01):
ELEMENT TYPE.....(03):
ELEMENT CODE.....(06):
STATUS LINE.....(01):

O: C1 CH: QCCHANGED2
-----

```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
QUERY DESCRIPTION          C CHANGE ( US: PDIE      )
                               SCREEN NB : 03

SELECTION LIST   (LE): SELECTION CRITERIA
USER.....(08):
LAST UPDATE LINE..(08):
TIME.....(08):

-M INFORMATION
CORRECTOR.....(08):
BASE.....(04):
LIBRARY.....(03):
SESSION NUMBER....(04):
SESSION TYPE.....(01):
UPDATE TYPE.....(01):
ELEMENT TYPE.....(03):
ELEMENT CODE.....(08):
DATE.....(08):
UPDATE SOURCE U-G.(01):
REAL SESSION.....(05):

TECHN. FOLLOW-UP..(60):

O: C1 CH: QCCHANGED3
-----

```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
QUERY DESCRIPTION          C CHANGE ( US: PDIE          )
                               SCREEN NB : 04

SELECTION LIST (LE): SELECTION CRITERIA
-Q INFORMATION
VALIDATOR.....(08):
DATE.....(08):
TECHNICAL PACKAGE.(02):
RELEASE.....(03):
HARDWARE.....(03):
VERSION.....(03):
LANGUAGE.....(01):
REMARK.....(20):
STATUS.....(02):

|
-S INFORMATION
DATE.....(08):
TIME.....(06):
TYPE.....(01):
STATUS.....(02):
GRAVITY.....(01):
DATE ENTERED.....(08):

*** END ***
O: C1 CH: QCCHANGED4
-----

```



```

-----
VA Pac-DSMS          **** Q U E R Y ****          USA
QUERY DESCRIPTION    C CHANGE ( US: PDIE      )
                                SCREEN NB : 05

SELECTION LIST....(LE): SELECTION CRITERIA
TECHNICAL PACKAGE.(02):
RELEASE.....(03):
HARDWARE.....(03):
SUPERVISOR.....(08):
DATE CLOSED.....(08):
NUMBER OF LISTINGS(02):
EXT. REF. DATABASE(04):
EXT. REF. PRODUCT.(03):
EXT. REF. NUMBER..(06):
PHASE.....(08):
OPTION.....(08):
USER CODE.....(08):

*** END ***
0: C1 CH:
-----

```

Site-Related Report Contents Screens

- C1: Site Definition
- C2: Versions Delivered (CH: -V)
- Supplier Contacts (CH: -U)
- C3: Client Contact (CH: -C)
- C4: Edit Page
- C5: Context Page

```

-----
VA Pac-DSMS                ***** Q U E R Y *****                USA
REPORT CONTENTS            S SITE ( US: PDIE )
                                SCREEN NB : 01
FIELD SELECTED (LE OC):  SORT  LN1 CN1  LN2 CN2  LN3 CN3
SITE CODE.....(09 01):
SITE SUB-CODE....(03 01):
STATUS.....(02 01):
  LABEL.....(30 01):
REGION.....(03 01):
  LABEL.....(30 01):
LANGUAGE.....(01 01):
  SHORT LABEL....(08 01):
  LONG LABEL.....(15 01):
SHORT CODE.....(03 01):
CORPORATE NAME....(40 01):
ADDRESS 1.....(40 01):
  2.....(40 01):
  3.....(40 01):
  4.....(40 01):
TELEPHONE.....(20 01):
TELEX.....(20 01):
FAX.....(20 01):

O: C1 CH: RSSITE C1
-----

```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS      S SITE ( US: PDIE )
                                     SCREEN NB : 02
FIELD SELECTED      (LE OC): SORT  LN1 CN1  LN2 CN2  LN3 CN3
-V INFORMATION
TECHNICAL PACKAGE.(02 99):
RELEASE.....(03 99):
HARDWARE.....(03 99):
VERSION.....(03 99):
LANGUAGE.....(01 99):
VOLUME.....(11 99):
SHIPMENT YEAR.....(04 99):
  MONTH.....(02 99):
  DAY.....(02 99):
REMARK.....(20 99):

-U INFORMATION
CONTACT.....(08 99):
FUNCTION.....(03 99):

O: C1 CH: RSSITE C2
-----

```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS          S SITE ( US: PDIE )          SCREEN NB : 03
FIELD SELECTED (LE OC): SORT LN1 CN1 LN2 CN2 LN3 CN3
-C INFORMATION
CLIENT NAME.....(30 99):
TITLE.....(02 99):
FIRST NAME.....(15 99):
  INITIAL.....(01 99):
MIDDLE NAME.....(15 99):
  INITIAL.....(01 99):
NICKNAME.....(15 99):
  INITIAL.....(01 99):
FUNCTION.....(03 99):
  LABEL.....(50 99):
PRODUCT CODE.....(03 99):
TECHNICAL PACKAGE.(02 99):
SPECIAL.....(03 99):
COMMENTS.....(50 99):

O: C1 CH: RSSITE C3
-----

```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS      S SITE ( US: PDIE )
                                SCREEN NB : 04
FIELD SELECTED      (LE 0C): SORT  LN1 CN1  LN2 CN2  LN3 CN3
CURRENT YEAR.....(04 01):
  MONTH.....(02 01):
  DAY.....(02 01):

COUNTER LEVEL 1...(04 01):
COUNTER LEVEL 2...(04 01):
COUNTER LEVEL 3...(04 01):
COUNTER LEVEL 4...(04 01):
COUNTER LEVEL 5...(04 01):
COUNTER LEVEL 6...(04 01):
COUNTER LEVEL 7...(04 01):
COUNTER LEVEL 8...(04 01):
COUNTER LEVEL 9...(04 01):

PAGE NUMBER.....(04 01):

0: C1 CH: RSSITE C4
-----

```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS          S SITE ( US: PDIE          )
                                SCREEN NB : 05
FIELD SELECTED (LE OC): SORT LN1 CN1 LN2 CN2 LN3 CN3
QUERY SCOPE
PRODUCT.....(03 01):
  SHORT LABEL.....(08 01):
  LONG LABEL.....(20 01):
SUBSIDIARY.....(02 01):
  SHORT LABEL.....(11 01):
  LONG LABEL.....(25 01):

SIGNATURE
USER.....(08 01):
  TITLE.....(02 01):
  LAST NAME.....(30 01):
  FIRST INITIAL...(01 01):
  FUNCTION CODE...(03 01):
  FUNCTION LABEL..(50 01):

*** END ***
0: C1 CH: RSSITE C5
-----

```

Event-Related Report Contents Screens

C1, C2, C3: Event Definition

C4: End of the Definition

External References

Descriptions (CH: -DN, CH: -DT)

Follow-Up (CH: -FN, CH: -FT)

C5: Event Story (CH: -S)

C6: Event Story (Cont'd)

C7, C8: Definition of Associated Change

C9: Descriptions of Associated Change (CH: -D)

Entities Concerned (CH: C.....C)

C10: Elements Modified of the Associated Change (CH: C.....M)

Follow-up of Associated Change (CH: -F)

C11: Quality-Controlled Versions of the Associated Change (CH: C.....Q)

C12: Associated Change Story (CH: C.....S)

C13: Associated Change Story (Cont'd)

C14: Definition of the associated Site

C15: Versions Delivered (CH: -V)

Suppliers Contacts at Associated Site (CH: -U)

C16: Client Contact at Associated Site (CH: -C)

C17: Edit Page

C18: Context Page

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS          E EVENT ( US: PDIE          )
                                SCREEN NB : 01
FIELD SELECTED (LE OC):  SORT   LN1 CN1   LN2 CN2   LN3 CN3
NUMBER.....(06 01):
TYPE.....(02 01):
  LABEL.....(30 01):
STATUS.....(02 01):
  LABEL.....(30 01):
GRAVITY.....(01 01):
  LABEL.....(30 01):
YEAR ENTERED.....(04 01):
  MONTH.....(02 01):
  DAY.....(02 01):
CONTACT.....(08 01):
  TITLE.....(02 01):
  LAST NAME.....(30 01):
  FIRST INITIAL...(01 01):
  FUNCTION.....(03 01):
YEAR CLOSED.....(04 01):
  MONTH.....(02 01):
  DAY.....(02 01):

O: C1 CH: REEVENT C1
-----

```



```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS      E EVENT ( US: PDIE      )
                                     SCREEN NB : 02
FIELD SELECTED      (LE 0C):  SORT   LN1 CN1   LN2 CN2   LN3 CN3
PHASE.....(08 05):
  LABEL.....(25 05):
OPTION.....(08 05):
  LABEL.....(30 05):

SITE CODE.....(09 01):
SITE SUB-CODE.....(03 01):
COMMUNICATION YEAR(04 01):
  MONTH.....(02 01):
  DAY.....(02 01):
CLIENT REFERENCE..(15 01):
NUMBER OF LISTINGS(02 01):

ASSOCIATED CHANGE.(06 01):

RELATIVE NUMBER...(06 01):

0: C1 CH: REEVENT C2
-----

```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS          E EVENT ( US: PDIE          )
                                SCREEN NB : 03
FIELD SELECTED (LE OC):  SORT   LN1 CN1   LN2 CN2   LN3 CN3
TECHNICAL PACKAGE.(02 01):
  LABEL.....(18 01):
RELEASE.....(03 01):
  LABEL.....(18 01):
HARDWARE.....(03 01):
  LABEL.....(18 01):
VERSION.....(03 01):
LANGUAGE.....(01 01):
  YEAR.....(04 01):
  MONTH.....(02 01):
  DAY.....(02 01):
  LABEL.....(18 01):

CREATION YEAR.....(04 01):
  MONTH.....(02 01):
  DAY.....(02 01):
  TIME.....(06 01):

0: C1 CH: REEVENT C3
-----

```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS      E EVENT ( US: PDIE )
                                SCREEN NB : 04
FIELD SELECTED (LE 0C): SORT LN1 CN1 LN2 CN2 LN3 CN3
LAST UPDATE YEAR..(04 01):
  MONTH.....(02 01):
  DAY.....(02 01):
  TIME.....(06 01):
EXTERNAL REFERENCES
DSMS DATABASE.....(04 01):
PRODUCT.....(03 01):
SUBSIDIARY.....(02 01):
NUMBER.....(06 01):

DESCRIPTIONS
SHORT DESCRIPTION.(50 02):
NATIVE DESC. -DN..(60 99):
  KEYWORDS.....(55 04):
TECH. DESC. -DT...(60 99):
  KEYWORDS.....(55 04):
NAT. FOLLOW-UP -FN(60 99):
TECH FOLLOW-UP -FT(60 99):

O: C1 CH: REEVENT C4
-----

```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS      E EVENT ( US: PDIE          )
                                     SCREEN NB : 05
FIELD SELECTED      (LE OC):  SORT   LN1 CN1   LN2 CN2   LN3 CN3
-S INFORMATION
YEAR.....(04 99):
  MONTH.....(02 99):
  DAY.....(02 99):
TIME.....(06 99):
TYPE.....(02 99):
STATUS.....(02 99):
GRAVITY.....(01 99):
YEAR ENTERED.....(04 99):
  MONTH.....(02 99):
  DAY.....(02 99):
CONTACT.....(08 99):
YEAR CLOSED.....(04 99):
  MONTH.....(02 99):
  DAY.....(02 99):
SITE CODE.....(09 99):
SITE SUB-CODE.....(03 99):
CLIENT REFERENCE..(15 99):

```

```

0: C1 CH: REEVENT C5
-----

```

```

-----
VA Pac-DSMS                               **** Q U E R Y ****                               USA
REPORT CONTENTS                           E EVENT ( US: PDIE )
                                           SCREEN NO : 06
FIELD SELECTED....(LE 0C):  SORT  LN1 CN1  LN2 CN2  LN3 CN3
NUMBER OF LISTINGS(02 99):
YEAR COMMUNICATION(04 99):
  MONTH.....(02 99):
  DAY.....(02 99):
TECHNICAL PACKAGE.(02 99):
RELEASE.....(03 99):
HARDWARE.....(03 99):
VERSION.....(03 99):
LANGUAGE.....(01 99):
ASSOCIATED CHANGE.(06 99):
EXT. REF. DATABASE(04 99):
EXT. REF. PRODUCT.(03 99):
EXT. REF. SUBSID..(02 99):
EXT. REF. NUMBER..(06 99):
PHASE.....(08 99):
OPTION.....(08 99):
USER CODE.....(08 99):

O: C1 CH: REEVENT C6
-----

```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS          E EVENT ( US: PDIE          )
                                SCREEN NB : 07
FIELD SELECTED (LE OC):  SORT   LN1 CN1   LN2 CN2   LN3 CN3
CHANGE INFORMATION

TYPE.....(02 01):
STATUS.....(02 01):
GRAVITY.....(01 01):
YEAR ENTERED.....(04 01):
    MONTH.....(02 01):
    DAY.....(02 01):
TECHNICAL PACKAGE.(02 01):
RELEASE.....(03 01):
HARDWARE.....(03 05):

PHASE.....(08 05):
OPTION.....(08 05):

VA PAC REFERENCE (15 01):
NUMBER OF LISTINGS(02 01):
SUPERVISOR.....(08 01):
WORKLOAD.....(03 03):

0: C1 CH: REEVENT C7
-----

```

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-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS      E EVENT ( US: PDIE      )
                                     SCREEN NB : 08
FIELD SELECTED (LE OC): SORT  LN1 CN1  LN2 CN2  LN3 CN3
CHANGE INFO (CONT'D)

CREATION YEAR.....(04 01):
  MONTH.....(02 01):
  DAY.....(02 01):
  TIME.....(06 01):
LAST UPDATE YEAR..(04 01):
  MONTH.....(02 01):
  DAY.....(02 01):
  TIME.....(06 01):
YEAR CLOSED.....(04 01):
  MONTH.....(02 01):
  DAY.....(02 01):

EXTERNAL REFERENCES
DSMS DATABASE.....(04 01):
PRODUCT.....(03 01):
NUMBER.....(06 01):

O: C1 CH: REEVENT C8
-----

```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS      E EVENT ( US: PDIE          )
                                SCREEN NB : 09
FIELD SELECTED (LE OC): SORT LN1 CN1 LN2 CN2 LN3 CN3
CHANGE INFO (CONT'D)

DESCRIPTORS
SHORT DESCRIPTION.(50 02):
DESCRIPTION -D....(60 99):
KEYWORDS.....(55 04):

-C INFORMATION
USERS.....(08 16):
BASE.....(04 99):
LIBRARY.....(03 99):
SESSION.....(05 99):
ELEMENT TYPE.....(03 99):
ELEMENT CODE.....(06 99):
LINE STATUS.....(01 99):
LINE USER.....(08 99):
UPDATE LINE YEAR..(04 99):
MONTH.....(02 99):
DAY.....(02 99):
TIME.....(06 99):
0: C1 CH: REEVENT C9
-----

```



```

-----
VA Pac-DSMS                *****  Q U E R Y  *****                USA
REPORT CONTENTS              E EVENT ( US: PDIE      )
                                SCREEN NB : 10
FIELD SELECTED (LE OC): SORT LN1 CN1 LN2 CN2 LN3 CN3
CHANGE INFO (CONT'D)

-M INFORMATION
CORRECTOR.....(08 99):
BASE.....(04 99):
LIBRARY.....(03 99):
SESSION.....(05 99):
UPDATE TYPE.....(01 99):
ELEMENT TYPE.....(03 99):
ELEMENT CODE.....(08 99):
CORRECTION YEAR...(04 99):
  MONTH.....(02 99):
  DAY.....(02 99):
UPDATE SOURCE U-G.(01 99):
REAL SESSION.....(05 99):

U.E. LONG CODE....(30 99):

FOLLOW-UP -F.....(60 99):

O: C1 CH: REEVENT C10
-----

```



```

-----
VA Pac-DSMS          *****  Q U E R Y  *****          USA
REPORT CONTENTS      E EVENT ( US: PDIE      )
                                     SCREEN NB : 12
FIELD SELECTED      (LE OC):  SORT  LN1 CN1  LN2 CN2  LN3 CN3
CHANGE INFO (CONT'D)

-S INFORMATION
YEAR.....(04 99):
  MONTH.....(02 99):
  DAY.....(02 99):
TIME.....(06 99):
TYPE.....(02 99):
STATUS.....(02 99):
GRAVITY.....(01 99):
YEAR CLOSED.....(04 99):
  MONTH.....(02 99):
  DAY.....(02 99):
TECHNICAL PACKAGE.(02 99):
RELEASE.....(03 99):
HARDWARE.....(03 99):
SUPERVISOR.....(08 99):

O: C1 CH: REEVENT C12
-----

```

```

-----
VA Pac-DSMS          **** Q U E R Y ****          USA
REPORT CONTENTS      E EVENT ( US: PDIE  )
                                SCREEN NO : 13
FIELD SELECTION (LE OC):  SORT LN1 CN1  LN2 CN2  LN3 CN3
CHANGE INFO (CONT'D)

YEAR CLOSED.....(04 99):
  MONTH.....(02 99):
  DAY.....(02 99):
NUMBER OF LISTINGS(02 99):
WORKLOAD.....(03 99):
EXT. REF. DATABASE(04 99):
EXT. REF. PRODUCT.(03 99):
EXT. REF. NUMBER .(06 99):
PHASE.....(08 99):
OPTION.....(08 99):
USER CODE.....(08 99):
VA PAC REFERENCE .(15 99):

O: C1 CH: REEVENT C13
-----

```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS      E EVENT ( US: PDIE      )
                                     SCREEN NB : 14
FIELD SELECTED      (LE OC): SORT  LN1 CN1  LN2 CN2  LN3 CN3
SITE INFORMATION

STATUS.....(02 01):
REGION.....(03 01):
LANGUAGE.....(01 01):
SHORT CODE.....(03 01):

CORPORATE NAME....(40 01):
ADDRESS 1.....(40 01):
      2.....(40 01):
      3.....(40 01):
      4.....(40 01):

TELEPHONE.....(20 01):
TELEX.....(20 01):
FAX.....(20 01):

O: C1 CH: REEVENT C14
-----

```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS          E EVENT ( US: PDIE          )
                                SCREEN NB : 15
FIELD SELECTED (LE OC):  SORT  LN1 CN1  LN2 CN2  LN3 CN3
SITE INFO (CONT'D)

-V INFORMATION
TECHNICAL PACKAGE.(02 99):
RELEASE.....(03 99):
HARDWARE.....(03 99):
VERSION.....(03 99):
LANGUAGE.....(01 99):
VOLUME.....(11 99):
SHIPMENT YEAR.....(04 99):
    MONTH.....(02 99):
    DAY.....(02 99):
REMARK.....(20 99):

-U INFORMATION
CONTACT.....(08 99):
FUNCTION.....(03 99):

SITE COMMENTS.....(60 99)

0: C1 CH: REEVENT C15
-----

```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS      E EVENT ( US: PDIE      )
                                     SCREEN NB : 16
FIELD SELECTED      (LE OC): SORT  LN1 CN1  LN2 CN2  LN3 CN3
SITE INFO (CONT'D)

-C INFORMATION
CLIENT NAME.....(30 99):
TITLE.....(02 99):
FIRST NAME.....(15 99):
  INITIAL.....(01 99):
MIDDLE NAME.....(15 99):
  INITIAL.....(01 99):
NICKNAME.....(15 99):
  INITIAL.....(01 99):
FUNCTION.....(03 99):
  LABEL.....(50 99):
PRODUCT CODE.....(03 99):
TECHNICAL PACKAGE.(02 99):
SPECIAL.....(03 99):
COMMENTS.....(50 99):

O: C1 CH: REEVENT C16
-----

```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS          E EVENT ( US: PDIE          )
                                SCREEN NB : 17
FIELD SELECTED (LE OC):  SORT   LN1 CN1   LN2 CN2   LN3 CN3
SITE INFO (CONT'D)
CURRENT YEAR.....(04 01):
  MONTH.....(02 01):
  DAY.....(02 01):

COUNTER LEVEL 1...(04 01):
COUNTER LEVEL 2...(04 01):
COUNTER LEVEL 3...(04 01):
COUNTER LEVEL 4...(04 01):
COUNTER LEVEL 5...(04 01):
COUNTER LEVEL 6...(04 01):
COUNTER LEVEL 7...(04 01):
COUNTER LEVEL 8...(04 01):
COUNTER LEVEL 9...(04 01):

PAGE NUMBER.....(04 01):

0: C1 CH: REEVENT C17
-----

```



```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS          E EVENT ( US: PDIE )
                                SCREEN NB : 18
FIELD SELECTED (LE OC): SORT LN1 CN1 LN2 CN2 LN3 CN3
QUERY SCOPE
PRODUCT.....(03 01):
  SHORT LABEL.....(08 01):
  LONG LABEL.....(20 01):
SUBSIDIARY.....(02 01):
  SHORT LABEL.....(11 01):
  LONG LABEL.....(25 01):

SIGNATURE
USER.....(08 01):
  TITLE.....(02 01):
  LAST NAME.....(30 01):
  FIRST INITIAL...(01 01):
  FUNCTION CODE...(03 01):
  FUNCTION LABEL..(50 01):

0: C1 CH: REEVENT C18
-----

```

Change-Related Report Contents Screens

C1, C2: Change Definition

C3: Change Definition (Cont'd)

External References

Descriptions (CH: -D)

Elements Concerned (CH: -C)

C4: Elements Concerned (Cont'd)

Detail of Elements Modified (CH: -M)

C5: Elements Modified (Cont'd)

Follow-Up (CH: -F)

Quality-Controlled Versions (CH: -Q)

C6: Change Story (CH: -S)

C7: Change Story (Cont'd)

C8: Edit Page

C9: Context Page

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS      C CHANGE ( US: PDIE      )
                                SCREEN NB : 01
FIELD SELECTED      (LE 0C): SORT  LN1 CN1  LN2 CN2  LN3 CN3
NUMBER.....(06 01):
TYPE.....(02 01):
  LABEL.....(30 01):
STATUS.....(02 01):
  LABEL.....(30 01):
GRAVITY.....(01 01):
  LABEL.....(30 01):

YEAR ENTERED.....(04 01):
  MONTH.....(02 01):
  DAY.....(02 01):

YEAR CLOSED.....(04 01):
  MONTH.....(02 01):
  DAY.....(02 01):

VAPAC REFERENCE.  (15 01):
WORK LOAD.....(03 03):
NUMBER OF LISTINGS(02 01):

O: C1 CH: RCCHANGEC1
-----

```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS          C CHANGE ( US: PDIE          )
                                SCREEN NB : 02
FIELD SELECTED (LE OC):  SORT   LN1 CN1   LN2 CN2   LN3 CN3
PHASE.....(08 05):
  LABEL.....(25 05):
OPTION.....(08 05):
  LABEL.....(30 05):
TECHNICAL PACKAGE.(02 01):
  LABEL.....(18 01):
RELEASE.....(03 01):
  LABEL.....(18 01):
HARDWARE.....(03 05):
  LABEL.....(18 05):
CREATION YEAR.....(04 01):
  MONTH.....(02 01):
  DAY.....(02 01):
  TIME.....(06 01):
LAST UPDATE YEAR..(04 01):
  MONTH.....(02 01):
  DAY.....(02 01):
  TIME.....(06 01):

O: C1 CH: RCCHANGE2
-----

```

```

-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS      C CHANGE ( US: PDIE      )
                                                                SCREEN NB : 03
FIELD SELECTED      (LE 0C):  SORT   LN1 CN1   LN2 CN2   LN3 CN3
SUPERVISOR CODE... (08 01):
  TITLE.....(02 01):
  LAST NAME.....(30 01):
  FIRST INITIAL...(01 01):
  FUNCTION.....(03 01):
EXTERNAL REFERENCES
DSMS DATABASE.....(04 01):
PRODUCT.....(03 01):
NUMBER.....(06 01):

SHORT DESCRIP.....(50 02):
DESCRIPTION -D....(60 99):
  KEYWORDS.....(55 04):

-C INFORMATION
USERS.....(08 16):
BASE.....(04 99):
LIBRARY.....(03 99):

O: C1 CH: RCCHANGEC3
-----

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-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS          C CHANGE ( US: PDIE          )
                                SCREEN NB : 04
FIELD SELECTED (LE OC):  SORT   LN1 CN1   LN2 CN2   LN3 CN3
SESSION.....(05 99):
ELEMENT TYPE.....(03 99):
ELEMENT CODE.....(06 99):
LINE STATUS.....(01 99):
LINE USER.....(08 99):
UPDATE LINE YEAR..(04 99):
    MONTH.....(02 99):
    DAY.....(02 99):
LINE UPDATE TIME..(06 99):

-M INFORMATION
CORRECTOR.....(08 99):
BASE.....(04 99):
LIBRARY.....(03 99):
SESSION.....(05 99):
UPDATE TYPE.....(01 99):
ELEMENT TYPE.....(03 99):
ELEMENT CODE.....(08 99):

O: C1 CH: RCCHANGE4
-----

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-----
VA Pac-DSMS          *****  Q U E R Y  *****          USA
REPORT CONTENTS      C CHANGE ( US: PDIE      )
                                     SCREEN NB : 05
FIELD SELECTED      (LE OC):  SORT   LN1 CN1   LN2 CN2   LN3 CN3
CORRECTION YEAR... (04 99):
  MONTH.....(02 99):
  DAY.....(02 99):
UPDATE SOURCE U-G. (01 99):
REAL SESSION.....(05 99):

FOLLOW-UP -F.....(60 99):
-Q INFORMATION
VALIDATOR.....(08 99):
VALIDATION YEAR... (04 99):
  MONTH.....(02 99):
  DAY.....(02 99):
TECHNICAL PACKAGE. (02 99):
RELEASE.....(03 99):
HARDWARE.....(03 99):
VERSION.....(03 99):
LANGUAGE.....(01 99):
REMARK.....(20 99):

O: C1 CH: RCCHANGEC5
-----

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-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS          C CHANGE ( US: PDIE          )
                                SCREEN NB : 06
FIELD SELECTED (LE OC):  SORT   LN1 CN1   LN2 CN2   LN3 CN3
-S INFORMATION
YEAR.....(04 99):
  MONTH.....(02 99):
  DAY.....(02 99):
TIME.....(06 99):
TYPE.....(02 99):
STATUS.....(02 99):
GRAVITY.....(01 99):
YEAR ENTERED.....(04 99):
  MONTH.....(02 99):
  DAY.....(02 99):
TECHNICAL PACKAGE.(02 99):
RELEASE.....(03 99):
HARDWARE.....(03 99):
SUPERVISOR.....(08 99):
YEAR CLOSED.....(04 99):
MONTH.....(02 99):
DAY.....(02 99):

O: C1 CH: RCCHANGE6
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-----
VA Pac-DSMS                **** Q U E R Y ****                USA
REPORT CONTENTS            C CHANGE ( US: PDIE      )
                                                                    SCREEN NB : 07
FIELD SELECTED....(LE 0C):  SORT  LN1 CN1   LN2 CN2   LN3 CN3
NUMBER OF LISTINGS(02 99):
WORKLOAD.....(03 99):
EXT. REF. DATABASE(04 99):
EXT. REF. PRODUCT..(03 99):
EXT. REF. NUMBER..(06 99):
PHASE.....(08 99):
OPTION.....(08 99):
USER CODE.....(08 99):
VAPAC REFERENCE. (15 99):

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O: C1 CH: RCCHANGEC7

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-----
VA Pac-DSMS          ***** Q U E R Y *****          USA
REPORT CONTENTS          C CHANGE ( US: PDIE          )
                                SCREEN NB : 08
FIELD SELECTED (LE OC):  SORT   LN1 CN1   LN2 CN2   LN3 CN3
CURRENT YEAR.....(04 01):
  MONTH.....(02 01):
  DAY.....(02 01):

COUNTER LEVEL 1...(04 01):
COUNTER LEVEL 2...(04 01):
COUNTER LEVEL 3...(04 01):
COUNTER LEVEL 4...(04 01):
COUNTER LEVEL 5...(04 01):
COUNTER LEVEL 6...(04 01):
COUNTER LEVEL 7...(04 01):
COUNTER LEVEL 8...(04 01):
COUNTER LEVEL 9...(04 01):

PAGE NUMBER.....(04 01):

O: C1 CH: RCCHANGE08
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-----
VA Pac-DSMS          *****  Q U E R Y  *****          USA
REPORT CONTENTS      C CHANGE ( US: PDIE      )
                                SCREEN NB : 09
FIELD SELECTED      (LE OC): SORT  LN1 CN1   LN2 CN2   LN3 CN3
QUERY SCOPE
PRODUCT.....(03 01):
  SHORT LABEL.....(08 01):
  LONG LABEL.....(20 01):
SUBSIDIARY.....(02 01):
  SHORT LABEL.....(11 01):
  LONG LABEL.....(25 01):

SIGNATURE
USER.....(08 01):
  TITLE.....(02 01):
  LAST NAME.....(30 01):
  FIRST INITIAL...(01 01):
  FUNCTION CODE...(03 01):
  FUNCTION LABEL..(50 01):

O: C1 CH: RCCHANGEC9
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Chapter 13. Appendix 2: BATCH Transactions Structures

Introduction - Common Part of the Transactions

UPDATING D.S.M.S. IN BATCH MODE

CONTENTS OF THIS APPENDIX

This appendix presents the structure of the transactions used to perform a batch update of a D.S.M.S. Database. Each update transaction is the concatenation of a common part and a specific part. The structure of the common part is the same for all the transactions. The structure of the specific part depends on the transaction type.

This appendix describes the structure of the common part, followed by the description of each specific part. For each specific part, we indicate the value of the corresponding transaction code. This value must be indicated in the CODE OF RECORD TYPE zone, which belongs to the common part of the transaction.

DESCRIPTION OF A TRANSACTION

The specific part corresponding to a given type of update transaction is described by:

- the update transaction name, and the value of the transaction code related to this transaction;
- a list of all the fields of the transaction.

Each field is described by its position in the transaction (the length of the common part is already taken into account) and by its length.

Values used in the fields are not indicated. Refer to the description of the TP update screen corresponding to the transaction. The descriptions of these screens are found in this manual.

NB: The first character of each transaction is reserved to the action code.

- D Deletion

- C Creation

- M Modification

- B (on a definition screen type transaction) Deletion of all depending screens, clearing of the changes and events of the definition screen, and deletion of the rest (after a 'non-using' check for the sites).

COMMON PART OF BATCH UPDATE TRANSACTIONS

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	1		TYPE OF UPDATE (C, M, A)
2	3		CODE OF RECORD TYPE

User Identification

UPDATE TRANSACTION FLOW

The batch update transaction flow must begin with a transaction identifying the user. The structure of this transaction is indicated here.

NB: we indicate below the exact structure that must be used to describe the user identification transaction. This transaction has NO COMMON PART. Using the common part is - on the contrary - mandatory for all other transactions in the update flow.

USER IDENTIFICATION

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
1	2		TRANSACTION CODE - VALUE: ' *'
3	8		USER CODE
11	8		PASSWORD
19	3		PRODUCT CODE
22	2		SUBSIDIARY CODE
24	1		EVENT DESCRIPTION LANGUAGE
25	4		DSMS SYSTEM CODE
29	3		EXTERNAL PRODUCT CODE
32	2		EXTERNAL SUBSIDIARY CODE
34	1		BLANK LINE INDICATOR
35	1		PAGE BREAK INDICATOR

Change: Definition

CHANGE DEFINITION - PART 1
CODE OF RECORD TYPE: 'C1 '

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	6	NUMER.	EVENT/CHANGE NUMBER
11	2		TYPE
13	2		STATUS
15	1		GRAVITY
16	8	NUMER.	DATE ENTERED
24	2		TECHNICAL PACKAGE CODE
26	3		RELEASE
29	3		HARDWARE NUMBER OF REPETITIONS : 5
44	8		CHANGE SUPERVISOR

CHANGE DEFINITION - PART 2
CODE OF RECORD TYPE: 'C2 '

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	8	NUMER.	DATE CLOSED
13	8		PHASE NUMBER OF REPETITIONS : 5
53	8		OPTION NUMBER OF REPETITIONS : 5
93	2	NUMER.	NUMBER OF LISTINGS
95			WORKLOAD NUMBER OF REPETITIONS : 3
	2		WORKLOAD AMOUNT
	1		WORKLOAD UNIT
104	4		EXTERNAL DSMS DATABASE CODE
108	3		EXTERNAL PRODUCT CODE
111	6		EXTERNAL CHANGE NUMBER

Change: Description

CHANGE: DESCRIPTION
CODE OF RECORD TYPE: 'CDT'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	1		LANGUAGE CODE
6	3		LINE NUMBER
9	50		SHORT DESCRIPTION LINE

Change: Keywords

CHANGE: KEYWORDS
CODE OF RECORD TYPE: 'CDK'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	1		LANGUAGE CODE
6	55		KEYWORDS FIELD
61	55		KEYWORDS FIELD
116	55		KEYWORDS FIELD
171	55		KEYWORDS FIELD

Change: Detail of Modified Elements

CHANGE: MODIFIED ELEMENTS
CODE OF RECORD TYPE: 'CM '

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	4		LOGICAL DATABASE CODE
9	3		LIBRARY CODE
12	5		SESSION NUMBER
17	3		ENTITY TYPE
20	8		ELEMENT
28	8		CORRECTOR'S USER CODE
36	10		DATE CORRECTED
46	1		UPDATE SOURCE
47			UPDATE SESSION NUMBER
47	4	NUMER.	SESSION NUMBER

Change: Technical Follow-up

CHANGE: TECHNICAL FOLLOW-UP
CODE OF RECORD TYPE: 'CF '

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	1		LANGUAGE CODE
6	3		LINE NUMBER
9	50		FOLLOW-UP DESCRIPTION

Change: Quality-Controlles Versions

CHANGE: QUALITY-CONTROLLED VERSIONS
CODE OF RECORD TYPE: 'CQ '

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	3		LINE NUMBER
8	2		TECHNICAL PACKAGE CODE
10	3		RELEASE
13	3		HARDWARE

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
16	3		VERSION
19	8		VALIDATOR'S USER CODE
27	8		DATE OF QUALITY CONTROL
35	20		REMARK
55	1		VERSION LANGUAGE CODE
56	2		STATUS

Change: Authorized User Codes

CHANGE: AUTHORIZED USER CODES
CODE OF RECORD TYPE: 'CU '

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	8		CODES OF AUTHORIZED USERS NUMBER OF REPETITIONS : 16

Change: VA PAC Check Elements

CHANGE: VA Pac CHECK ELEMENTS
CODE OF RECORD TYPE: 'CC '

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	4		LOGICAL DATABASE CODE
9	3		LIBRARY CODE
12	5		SESSION NUMBER
17	3		ENTITY TYPE
20	6		ENTITY CODE
26	1		LINE SOURCE / STATUS

Event: Definition

EVENT DEFINITION - PART 1
CODE OF RECORD TYPE: 'E1 '

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	6	NUMER.	EVENT/CHANGE NUMBER
11	2		TYPE
13	2		STATUS
15	1		GRAVITY
16	8	NUMER.	DATE ENTERED
24	8		SUPPLIER CONTACT
32	9		SITE CODE
41	3		SITE SUB-CODE
44	8	NUMER.	COMMUNICATION DATE
52	15		CLIENT REFERENCE

EVENT DEFINITION - PART 2
CODE OF RECORD TYPE: 'E2 '

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	8	NUMER.	DATE CLOSED
13	8		PHASE NUMBER OF REPETITIONS : 5
53	8		OPTION NUMBER OF REPETITIONS : 5
93	2	NUMER.	NUMBER OF LISTINGS
95	2		TECHNICAL PACKAGE CODE
97	3		RELEASE
100	3		HARDWARE
103	3		VERSION
106	1		VERSION LANGUAGE CODE
107	6	NUMER.	ASSOCIATED CHANGE
113	4		EXTERNAL DSMS DATABASE CODE
117	3		EXTERNAL PRODUCT CODE
120	2		EXTERNAL SUBSIDIARY CODE
122	6		EXTERNAL EVENT NUMBER

Event: Description

EVENT: DESCRIPTION
CODE OF RECORD TYPE: 'EDT'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	1		LANGUAGE CODE
6	3		LINE NUMBER
9	50		SHORT DESCRIPTION LINE

Event: Keywords

EVENT: KEYWORDS
CODE OF RECORD TYPE: 'EDK'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	1		LANGUAGE CODE

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
6	55		KEYWORDS FIELD
61	55		KEYWORDS FIELD
116	55		KEYWORDS FIELD
171	55		KEYWORDS FIELD

Event: Technical Follow-up

EVENT: TECHNICAL FOLLOW-UP
CODE OF RECORD TYPE: 'EFT/N'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	1		LANGUAGE CODE
6	3		LINE NUMBER
9	50		FOLLOW-UP DESCRIPTION

Query: Definition

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	8		USER CODE (QUERY COPY)
13	1		QUERY TYPE
14	6		QUERY CODE
20	40		QUERY NAME
60	6		REPORT CODE
66	1		DELIMITER
67	1		PARAMETERIZATION SYMBOL
68	1		SEPARATOR
72	1		QUERY OR REPORT COPY LOCK
73	60		PARAMETER VALUES

Query: Descriptions

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	2		QUERY DESCRIPTION PAGE
7	2		QUERY DESCRIPTION LINE
9	1		LANGUAGE CODE
10	55		SELECTION CRITERIA

Control Cards

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	1		QUERY VALIDATION FIELD
6	3		LINE NUMBER
9	8		USER CODE (QUERY COPY)
17	1		QUERY VALIDATION FIELD
18	66		QUERY JCL LINE

Report: Definition

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	8		USER CODE (QUERY COPY)
13	1		REPORT TYPE
14	6		REPORT CODE
20	40		REPORT NAME
66	1		REPORT LANGUAGE CODE
69	3		LINES PER PAGE
72	1		QUERY OR REPORT COPY LOCK

Report: Structures

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	2		REPORT STRUCTURE PAGE

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
7	2		REPORT STRUCTURE LINE
9	1		TEXT LANGUAGE CODE
10	3		ELEMENT/LINE NUMBER SELECTION
13	3		DATA ELEMENT/COLUMN NUMBER SELECTION
16	3		ELEMENT/LINE NUMBER SELECTION
19	3		ELEMENT/COLUMN NUMBER SELECTION
22	3		ELEMENT/LINE NUMBER SELECTION
25	3		ELEMENT/COLUMN NUMBER SELECTION
28	2		SORT

Report: Labels

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	3		FIXED LABEL/LINE NUMBER SELECTION
10	132		REPORT LAYOUT LINE

Site: Definition

SITE DEFINITION - PART 1
CODE OF RECORD TYPE: 'S1 '

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	9		SITE CODE
14	3		SITE SUB-CODE
17	3		REGION CODE
20	1		LANGUAGE CODE
21	3		SITE SHORT CODE/EVENT PREFIX
24	2		STATUS OF SITE
26	40		CORPORATE NAME
66	20		TELEPHONE NUMBER
86	20		FAX NUMBER
106	20		TELEX NUMBER

SITE DEFINITION - PART 2
 CODE OF RECORD TYPE: 'S2 '

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	40		SITE ADDRESS: FIRST LINE
45	40		SITE ADDRESS: SECOND LINE
85	40		SITE ADDRESS: THIRD LINE
125	40		SITE ADDRESS: FOURTH LINE

Site: Last Versions Delivered

SITE: VERSIONS DELIVERED
 CODE OF RECORD TYPE: 'SV '

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	3		PRODUCT CODE
8	2		TECHNICAL PACKAGE CODE
10	3		RELEASE
13	3		LINE NUMBER
16	3		HARDWARE CODE
19	3		VERSION
22	1		VERSION LANGUAGE CODE
23	11		VOLUME NUMBER
34	8		DATE SENT
42	20		REMARK

Site: Client Contacts: Definition

SITE: CLIENT CONTACTS
 CODE OF RECORD TYPE: 'SC '

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	3		LINE NUMBER
8	2		TITLE
10	30		LAST NAME
40	15		FIRST NAME

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
55	15		MIDDLE NAME
70	15		NICKNAME
85	3		CLIENT CONTACT FUNCTION CODE
88	50		FUNCTION LABEL
138	3		PRODUCT CODE
141	2		TECHNICAL PACKAGE CODE
143	3		SPECIAL RESPONSIBILITY CODE
146	50		COMMENTS

Site: Supplier Contacts

SITE: SUPPLIER CONTACTS
CODE OF RECORD TYPE: 'SU '

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	3		LINE NUMBER
8	8		CODE OF SUPPLIER CONTACT
16	3		SUPPLIER CONTACT FUNCTION CODE

Tables

CONTACT ATTRIBUTES TABLE
CODE OF RECORD TYPE: 'TAT'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	1		TYPE OF CONTACT ATTRIBUTE
6	3		CLIENT CONTACT FUNCTION CODE
9	1		LANGUAGE CODE
10	50		ATTRIBUTE LABEL

GRAVITIES TABLE
CODE OF RECORD TYPE: 'TGR'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	1		ENTITY TYPE
6	1		GRAVITY CODE
7	1		LANGUAGE CODE
8	30		GRAVITY LABEL

LANGUAGES TABLE
CODE OF RECORD TYPE: 'TLA'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	1		LANGUAGE CODE
6	1		LABEL LANGUAGE OPTION
7	8		LANGUAGE SHORT LABEL
15	15		LANGUAGE LONG LABEL

OPTIONS TABLE
CODE OF RECORD TYPE: 'TOP'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	8		OPTION CODE
13	1		LANGUAGE CODE
14	8		OPTION SHORT LABEL
22	30		OPTION LONG LABEL

PHASES TABLE
CODE OF RECORD TYPE: 'TPH'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	8		PHASE CODE
13	1		LANGUAGE CODE
14	8		PHASE SHORT LABEL
22	25		PHASE LONG LABEL

PRODUCTS TABLE
CODE OF RECORD TYPE: 'TPR'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	3		PRODUCT CODE
8	1		LANGUAGE CODE
9	20		PRODUCT LONG LABEL
29	8		PRODUCT SHORT LABEL

REGIONS TABLE
CODE OF RECORD TYPE: 'TRE'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	3		REGION CODE
8	1		LANGUAGE CODE
9	30		REGION LABEL

STATUS TABLE
CODE OF RECORD TYPE: 'TST'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	1		ENTITY TYPE
6	2		STATUS CODE
8	1		LANGUAGE CODE
9	30		STATUS LABEL

SUBSIDIARIES TABLE
 CODE OF RECORD TYPE: 'TSU'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	2		SUBSIDIARY CODE
7	1		LANGUAGE CODE
8	25		SUBSIDIARY LONG LABEL
33	11		SUBSIDIARY SHORT LABEL
62	1		SUBSIDIARY DEFAULT LANGUAGE

TYPES TABLE
CODE OF RECORD TYPE: 'TTY'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	1		EVENT/CHANGE: TYPE CODE
6	1		LANGUAGE CODE
7	30		TYPE LABEL

TECHNICAL PACKAGES TABLE
 CODE OF RECORD TYPE: 'TVE'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	2		TECHNICAL PACKAGE CODE
7	3		RELEASE
10	3		HARDWARE CODE
13	3		VERSION
16	1		VERSION LANGUAGE OPTION
17	1		LANGUAGE CODE
18	8	NUMER.	VERSION DATE
26	18		LABEL

USERS TABLE - DEFINITION
CODE OF RECORD TYPE: 'TUD'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	8		USER CODE
15	8		PASSWORD
23	2		TITLE
25	30		LAST NAME
55	1		FIRST NAME INITIAL
56	3		FUNCTION CODE
59	1		LANGUAGE CODE
60	1		TYPE D'UTILISATEUR

USERS TABLE - GENERAL AUTHORIZATIONS
 CODE OF RECORD TYPE: 'TUG'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	8		USER CODE
15	1		GENERAL AUTHORIZATION
16	1		TABLE AUTHORIZATION
17	3		PRODUCT CODE
20	1		CHANGE AUTHORIZATION
21	9		SITE CODE
30	3		SITE SUB-CODE
33	2		SUBSIDIARY CODE
35	1		EVENT AUTHORIZATION
36	1		SITE AUTHORIZATION

USERS TABLE - AUTHORIZATIONS/PRODUCT
 CODE OF RECORD TYPE: 'TUP'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	8		USER CODE
13	2	NUMER.	LINE NUMBER
15			GROUP FOR AUTHORIZATION CODE-SUBSID. NUMBER OF REPETITIONS : 8
	3		PRODUCT CODE
	1		CHANGE AUTHORIZATION

USERS TABLE - AUTHORIZATIONS/SUBSIDIARY
CODE OF RECORD TYPE: 'TUS'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	8		USER CODE
13	2	NUMER.	LINE NUMBER
15			GROUP FOR AUTHORIZATION CODE-SUBSID. NUMBER OF REPETITIONS : 7
	2		SUBSIDIARY CODE
	1		EVENT AUTHORIZATION
	1		SITE AUTHORIZATION

Keyword Dictionary

KEYWORD DICTIONARY
CODE OF RECORD TYPE: 'LGK'

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	1		LANGAGE CODE
			Only for a keyword associated with a change.
6	13		KEYWORD
19	13		PRINCIPAL KEYWORD
32	1		KEYWORD TYPE
33	40		COMMENTS

Database Lock

VA Pac ENVIRONMENT CHECK
CODE OF RECORD TYPE: 'PL '

POS	LEN	CLASS VALUE	DESCRIPTION OF FIELDS AND FILLING MODE
5	4		LOGICAL DATABASE CODE
9	3		LIBRARY CODE
12	1		ENTITY TYPE NUMBER OF REPETITIONS : 16
28	3		USER ENTITY TYPE NUMBER OF REPETITIONS : 10



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