

How to get System & User Status and Long Text for an Object



Applies to:

SAP ECC 6.0 and SAP BW 3.5 & SAP BI 7.0, For more information, visit the [EDW homepage](#).

Summary

This paper tells shows how to get the System Status, User Status, and Long Texts for different Objects (Notifications, Orders, Functional Locations etc.). This paper gives different function modules and the parameters that need to be passed to obtain the same. This paper also gives an example for each to explain the same.

Author: Vamsi Kiran Talluri

Company: Tata Consultancy Services Ltd.

Created on: 30 September 2010

Author Bio

The author works for Tata Consultancy Services Ltd. His expertise includes SAP BI and SAP ABAP.

Table of Contents

Introduction.....	3
System & User Status.....	3
Example.....	4
Long Text.....	6
Example.....	7
Conclusions.....	11
Related Content.....	12
Disclaimer and Liability Notice.....	13

Introduction

There are many cases where the BI Reports need the System Status, User Status, and Long Texts of different Objects (like Notifications, Orders, and Order Operations etc.). So we must be aware from where this information from R3 can be obtained. This paper presents various function modules and the parameters that need to be passed to obtain the same.

System & User Status

To get any System or User Status, first we need to get the Object Number for that Object (say Notification, Order, Notification Task).

Then go to the function module **STATUS_TEXT_EDIT**

Parameters: FLG_USER_STAT "Give 'X' if we need User Status also.
 OBJNR: "Give the Object Number
 ONLY_ACTIVE "Default 'X' gives Active Status
 SPRAS "Language
 BYPASS_BUFFER "Default blank.

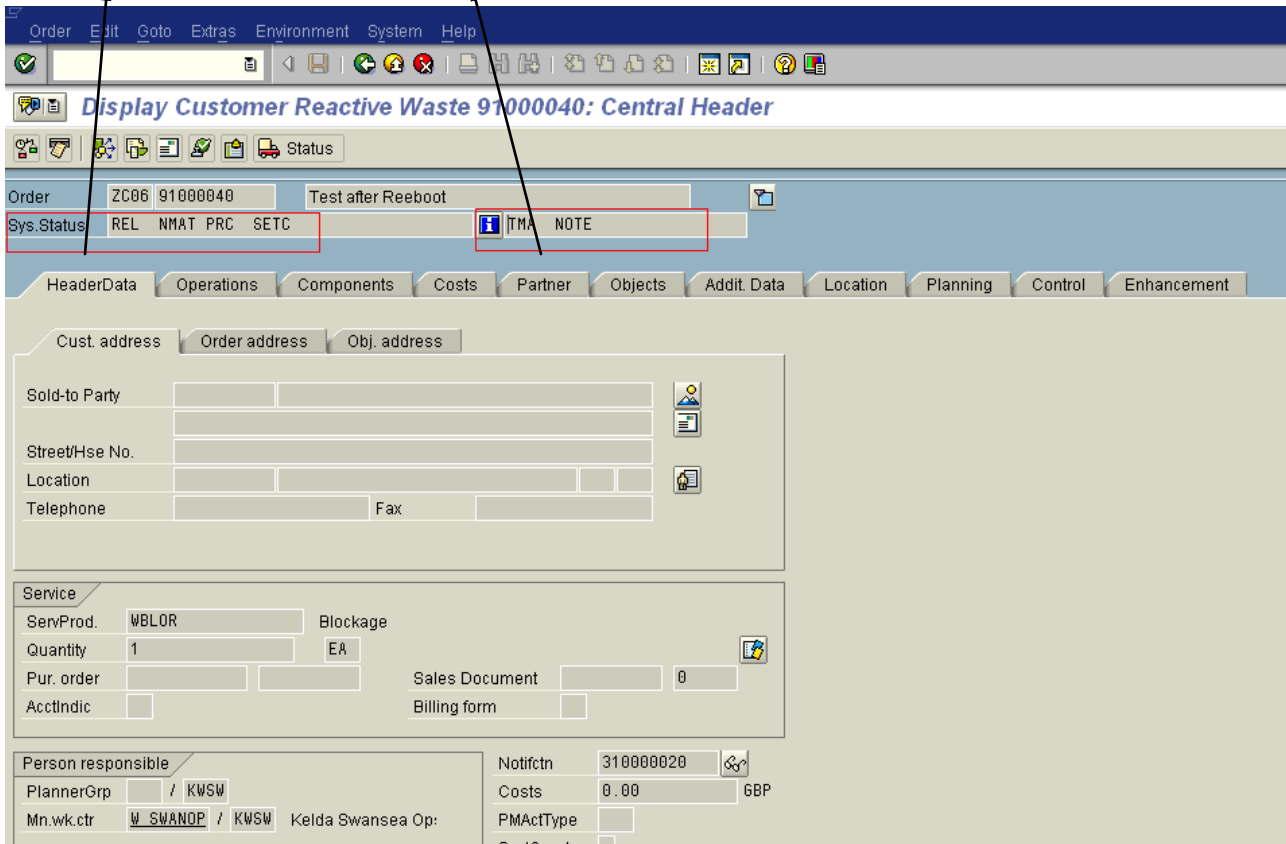
We only need to know the Object Number for the Object. Some of the tables are mentioned below for some of the Objects where we can get Object Number.

OBJECT	TABLE	OBJECT NUMBER FIELD
Notification	QMEL	OBJNR
Order	AUFK	OBJNR
Notification Task	QMSM	OBJNR
Notification Activity	QMMA	OBJNR
Functional Location	IFLOT	OBJNR

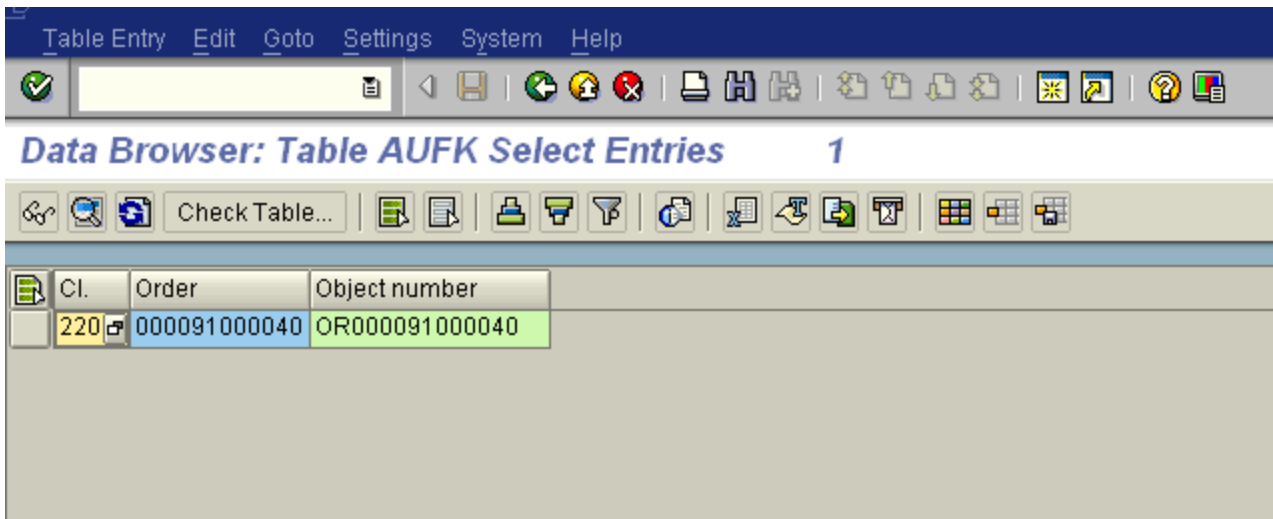
Example

We want to find the System & User Status highlighted for Order shown below

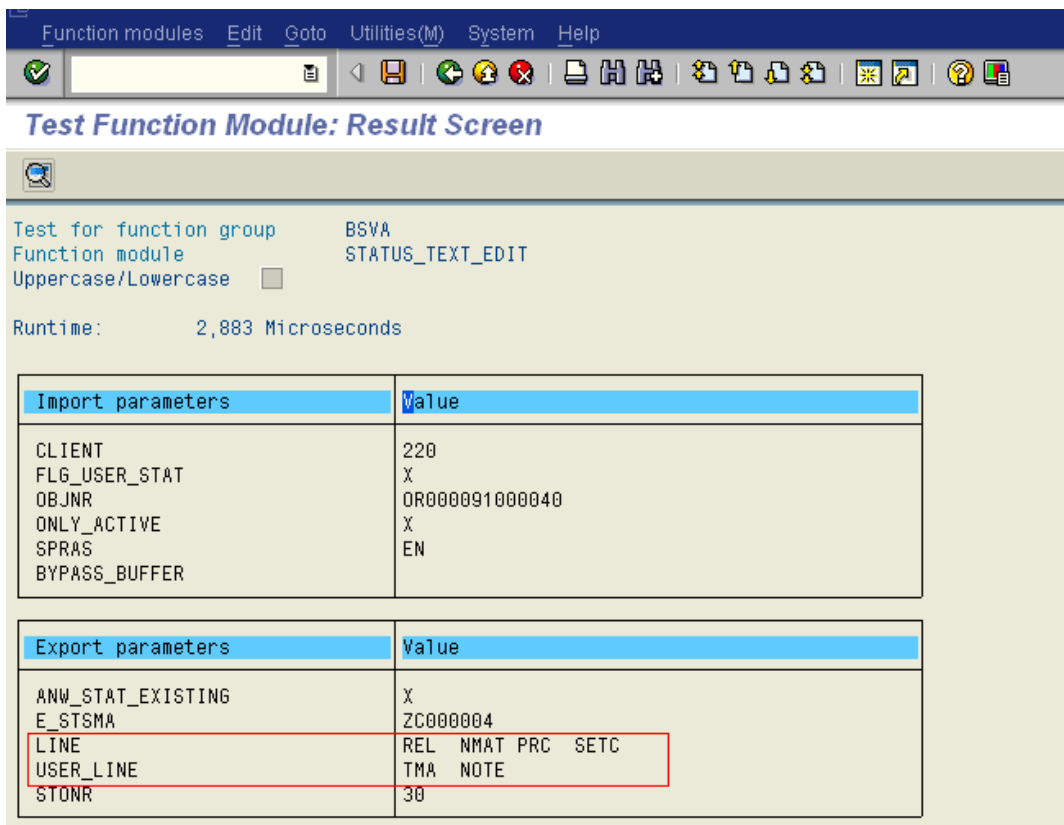
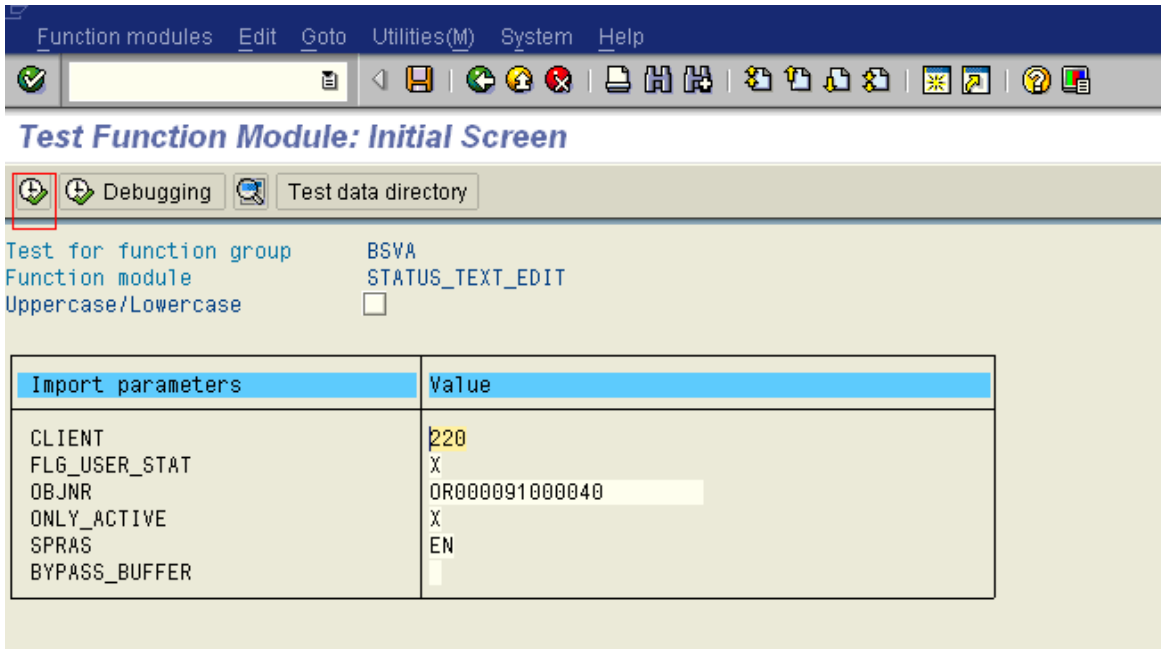
This is System Status and this is User Status for the Order 91000040



For this Order first we need to get the Object Number. As mentioned in above table AUFK table gives the following Object Number information for the Order.



Pass the Object Number seen in the table above for the order. Put FLG_USER_STAT = 'X' if we need user status also and then click Execute button



Line gives System Status. User_Line gives User Status

Note: There are several tables (JEST, JCDS...) where we get individual status in different rows and whether they are active or not and then we have to combine all the status. But this function module gives clear snapshot of the status.

Long Text

To get Long Text for any object (say Order, Notification, Notification Activity, Notification Task, Order Operation etc.) READ_TEXT is the function module which provides long text, but we need some input parameters to pass to the function module to get desired Long Text.

Test Function Module: Initial Screen

Debugging
Test data directory

Test for function group STXD
 Function module READ_TEXT
 Uppercase/Lowercase

Import parameters	Value
CLIENT	220
ID	
LANGUAGE	
NAME	
OBJECT	
ARCHIVE_HANDLE	0
LOCAL_CAT	

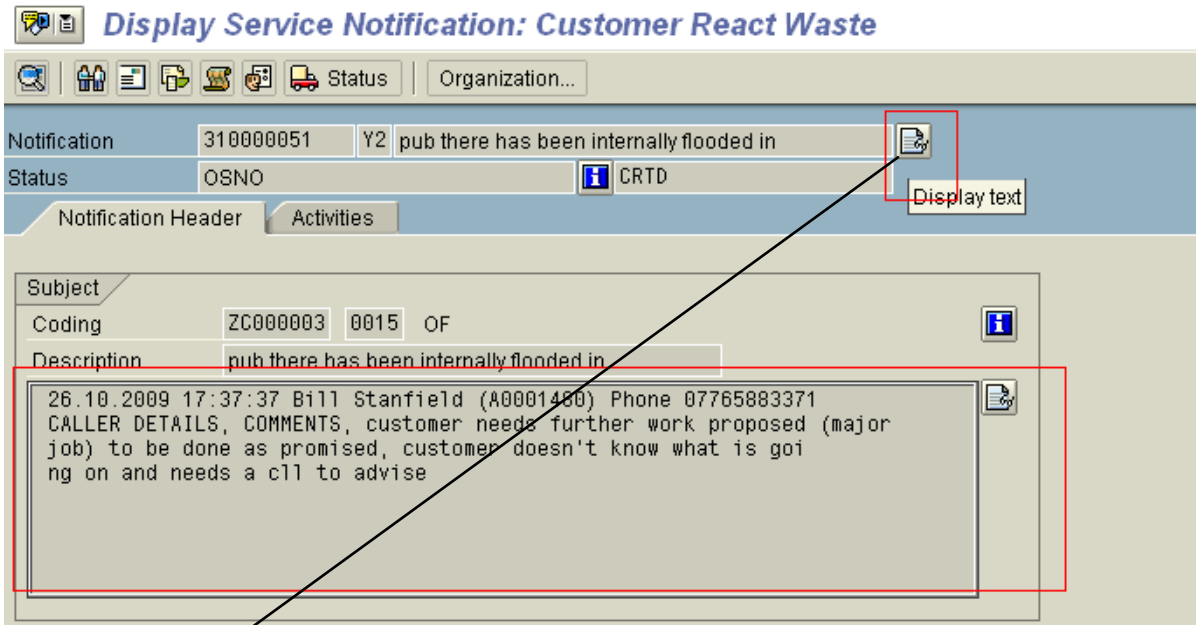
Tables	Value
LINES	0 Entries

Note: No need to panic about the about four fields marked. That can be easily obtained and is shown in the document below.

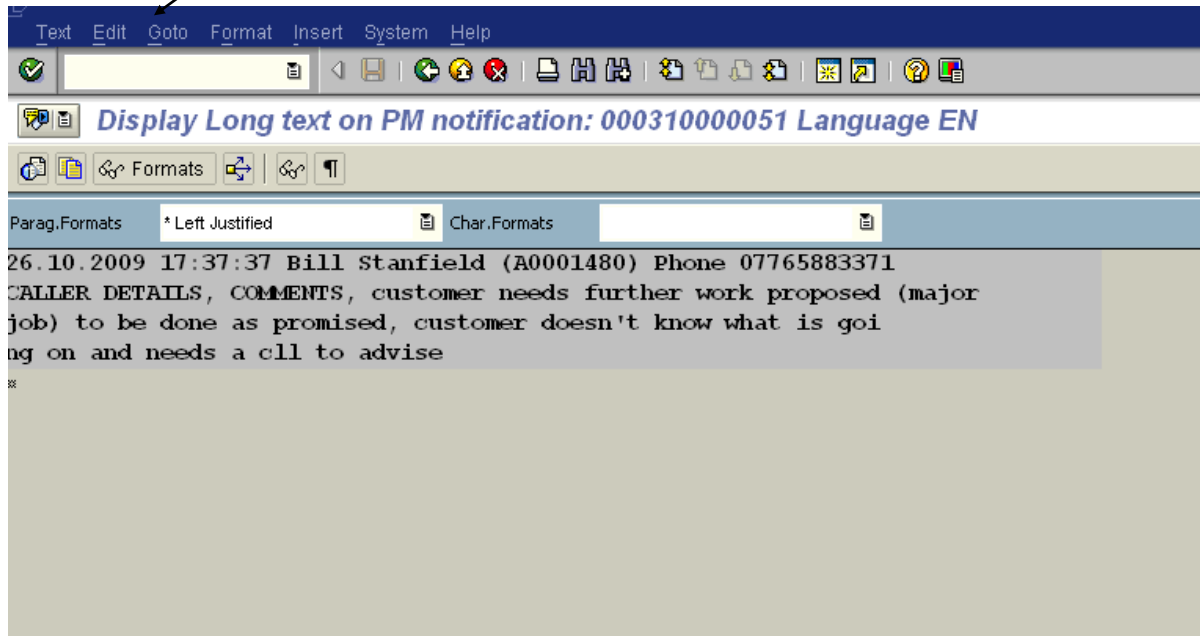
For suppose if we want to bring them for Order and we will generally have Attribute datasource for Order. So we can simply enhance the Order with system and user status field (like PM_ORDER_ATTR or CS_ORDER_ATTR) and then pass OBJNR to the function module to bring the system and user status directly into BI.

Example

Suppose we want to bring the below long Text for the Notification 310000051 shown below.



Click on long text.



Then click on tab Goto → Header

The screenshot shows the SAP Text Header dialog box. The main window displays a text entry with the following content: "26.10.2009 17:37:37 Bill Stanfield (A0001480) Phone 07765883371 CALLER DETAILS, COMMENTS, customer needs further work proposed (major job) to be done as promised, customer doesn't know what is going on and needs a call". The dialog box is titled "Text Header" and contains the following fields:

Text Name	000310000051		
Language	EN		
Text ID	LTXT	Long text on PM notification	
Text Object	QMEL	Message	
Short Title			
Short Title 1	RE3TR_DC		
Short Title 2			
Style			
Form	PM_QMEL		
Created by	A0001480	Changed by	A0001480
Date created	26.10.2009	Changed on	26.10.2009
Time	17:37:39	Time	17:37:39
Release	700	Release	700

Use the Text Name, Language, Text ID, and Text Object and pass these to below function module **READ_TEXT**.

Structure Editor: Display LINES from Entry 1

4 Entries

TD	TDLINE
X	* 26.10.2009 17:37:37 Bill Stanfield (A0001480) Phone 07765883371
>X	* CALLER DETAILS, COMMENTS, customer needs further work proposed (major
>X	job) to be done as promised, customer doesn't know what is goi
>X	ng on and needs a cll to advise

The above lines are nothing but the long text in the notification screen below.

Text Edit Goto Format Insert System Help

Display Long text on PM notification: 000310000051 Language EN

Parag.Formats * Left Justified Char.Formats

26.10.2009 17:37:37 Bill Stanfield (A0001480) Phone 07765883371
 CALLER DETAILS, COMMENTS, customer needs further work proposed (major
 job) to be done as promised, customer doesn't know what is goi
 ng on and needs a cll to advise
 *

Conclusions

- 1) **STATUS_TEXT_EDIT** gives us System and User Status
- 2) **READ_TEXT** gives long text.

Related Content

For more information, visit the [EDW homepage](#).

Disclaimer and Liability Notice

This document may discuss sample coding or other information that does not include SAP official interfaces and therefore is not supported by SAP. Changes made based on this information are not supported and can be overwritten during an upgrade.

SAP will not be held liable for any damages caused by using or misusing the information, code or methods suggested in this document, and anyone using these methods does so at his/her own risk.

SAP offers no guarantees and assumes no responsibility or liability of any type with respect to the content of this technical article or code sample, including any liability resulting from incompatibility between the content within this document and the materials and services offered by SAP. You agree that you will not hold, or seek to hold, SAP responsible or liable with respect to the content of this document.