

## Reading Sample

Global trade processes are subject to reporting regulations. This sample chapter walks through automated and comprehensive reporting using SAP GTS and SAP BW to record and keep transactional documentation relating to customs activities.



**"SAP GTS and SAP BW Reporting"**



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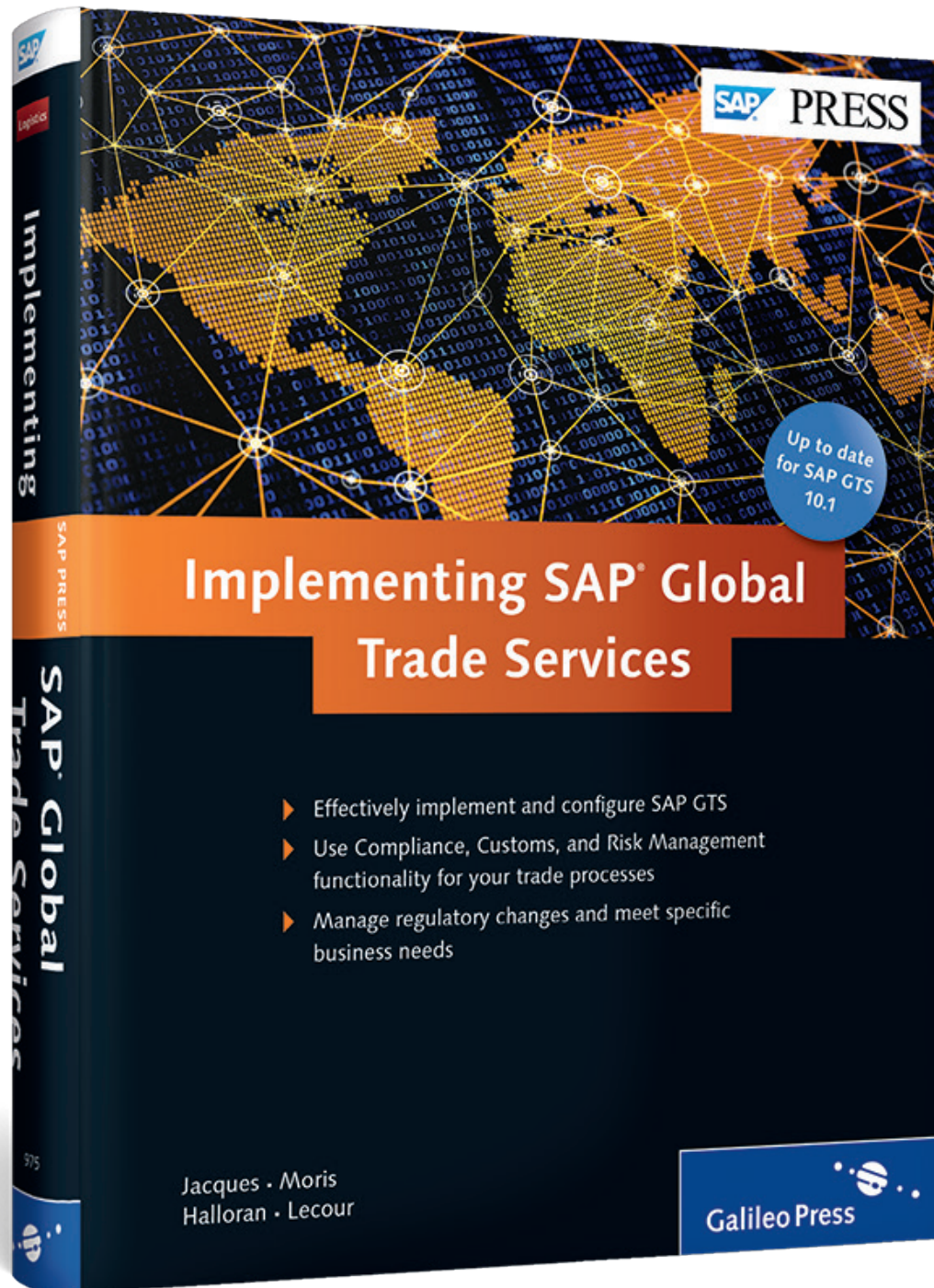
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*Customs authorities require companies to record and keep transactional documentation relating to customs activities. To satisfy these regulatory requirements, they need an automated and comprehensive reporting system. Furthermore, they can use reports internally for operational and analysis purposes. This chapter covers the SAP GTS and SAP BW capabilities for dealing with these requirements.*

## **9 SAP GTS and SAP BW Reporting**

Companies are subject to customs regulations to track and trace shipments, monitor the status of goods, and maintain involved parties and trade restrictions or measures. Additionally, certain customs authorities may require periodic reports to demonstrate an audit trail of merchandise-related data.

With SAP GTS, you can create the necessary reports in order to comply with these regulations. You can enhance the standard reports as necessary to suit the specific business requirements, or you may need to create additional reports.

This chapter is divided into two sections. The first covers the SAP GTS reporting capabilities, which are standard reports that are readily available when installing the SAP GTS instance. The second section addresses SAP Business Warehouse (BW) reporting. By leveraging SAP BW, you can tailor and customize reports to address specific needs and business requirements in order to analyze large sets of data that enable you to draw valid conclusions and make sound business decisions.

### **9.1 SAP GTS Reporting**

SAP GTS is built to support various business trade processes and can generate various reports throughout its different modules. You can access two main types of reports through SAP GTS:

- ▶ *Standard or descriptive reports* collect data from the system retrospectively; for example, you may use them to display an audit trail for business partners screened against the sanctioned party lists.
- ▶ *Transactional or operational reports* are reports on which you can perform further actions (e.g., displaying a list of blocked documents and providing capabilities to release them, if needed).

SAP GTS reports are listed in the SAP Advanced List Viewer (ALV), meaning that they are provided in an SAP-standard list format and user interface. ALV reports offer a set of standard functions that help analyze a report's output or help tailor the existing reports to specific requirements.

Figure 9.1 shows the most significant functions this reporting format offers. Using these functions, you can sort, filter, and download the report (e.g., to an Excel or HTML file).

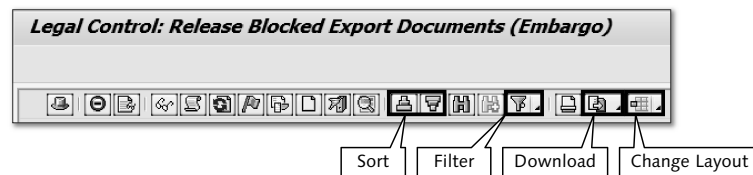


Figure 9.1 ALV Report Functions

In addition, you can change the report layout to better suit your business requirements or reflect the needs of a specific user. Figure 9.2 shows the screen for changing a report's layout. You can hide, add, or reorder certain columns of a standard report. Besides the displayed columns, you can specify a sort order or add filters. After customizing the report's layout, you can save it for later use or make it the default.

The main advantage of this functionality is that you can tailor the customized layout of the standard report to certain scenarios or personnel. In practical terms, this means that companies can default a specific layout for a standard report to better suit and support their personnel's needs by disabling unnecessary or adding wanted columns. Furthermore, you can create different layouts of the same report for different users. As such, certain users with less authorization and requiring less information could be assigned a standard report layout containing fewer columns than their colleagues are.

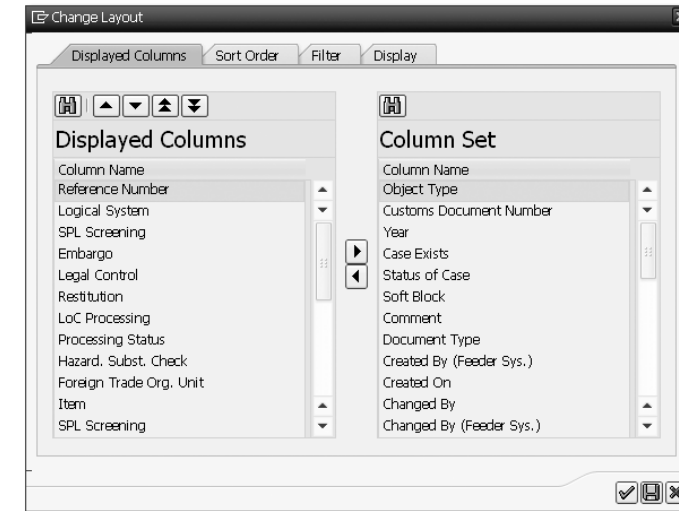


Figure 9.2 Change ALV Report Layout

The section on SAP GTS reporting is structured in the three main GTS functional areas: Compliance Management, Customs Management, and Risk Management.

Note that the menu path specified in each table found in this chapter has its roots in the SAP GTS area menu. Furthermore, all reports can be found in Appendix A, listed with the corresponding transaction codes.

### 9.1.1 Compliance Management Reporting

Reports available in the Compliance Management module provide both operational and descriptive reports. The former are used in daily operations: reviewing blocked documents, analyzing these reports, and taking action accordingly to process the business flows. On the other hand, descriptive reports serve as audit trails for topics such as the screening history of business partners and the import/export control information of documents, payments, and licenses.

The focus of this first reporting section lies on those reports within the three Compliance Management sub-functional areas (SPL, Embargo, and Legal Control), followed by reports related to master data. For each of these topics, the reports are grouped in domains that follow the same logic. For each domain, we will elaborate one report that serves a significant business purpose.

### Sanctioned Party List

In the current global environment, companies are obligated to comply with all applicable regulatory requirements. Consequently, they may not perform any trade with any parties named on government agency or country-specific denied party lists.

To prevent trading with sanctioned parties, SAP GTS allows you to perform sanctioned party list screenings on business partners and transactional documents. Besides the actual screening process, SAP GTS provides a number of reports to support business decisions and ensure full compliance with regulatory requirements (e.g., audits). SPL reporting can be divided into monitoring, audit trail, and master data areas.

The *monitoring area* covers all reports regarding screening results of business partners, documents, and payments, while also allowing practitioners to take further actions based on these screening results. If, for instance, a sales order is generated in the feeder system and the system identifies the customer as an entry on a sanctioned party list, then an SAP GTS block is enforced. You could then investigate the customer and reason for the SPL block in the monitoring area. After investigating the reason for the SPL block, you can make decisions such as whether to release the document or customer (e.g., due to a false positive SPL check).

Table 9.1 contains the SPL reports found in the monitoring area. Whereas blocked business partners may be released directly from the Display Blocked Business Partner report, documents and payments may be released by consulting dedicated Release Blocked Documents/Payments reports. Note that the latter reports are duplicate reports of Display Blocked Documents/Payments apart from the addition of a CANCEL SPL BLOCK button. From a business perspective, this enables separation of authority, allowing some users to analyze the screening blocks, while giving only a select few the ability to release business partners from SPL blocks.

Report Name	Menu Path
SPL—Display Blocked Business Partners	SANCTIONED PARTY LIST SCREENING • TAB LOGISTICS • DISPLAY BLOCKED BUSINESS PARTNERS
SPL—Display Blocked Documents	SANCTIONED PARTY LIST SCREENING • TAB LOGISTICS • DISPLAY BLOCKED DOCUMENTS

Table 9.1 Transactional Sanctioned Party List Screening Reports

Report Name	Menu Path
SPL—Display Blocked Payments	SANCTIONED PARTY LIST SCREENING • TAB FINANCIAL ACCOUNTING • DISPLAY BLOCKED PAYMENTS
SPL—Release Blocked Documents	SANCTIONED PARTY LIST SCREENING • TAB LOGISTICS • MANUALLY RELEASE BLOCKED DOCUMENTS
SPL—Release Blocked Payments	SANCTIONED PARTY LIST SCREENING • TAB FINANCIAL ACCOUNTING • MANUALLY RELEASE BLOCKED PAYMENTS

Table 9.1 Transactional Sanctioned Party List Screening Reports (Cont.)

The Display Blocked Business Partners report provides a highly detailed view of all blocked customers, vendors, etc., in SAP GTS. From a business perspective, users can analyze their business partners in this report and decide whether to clear (e.g., due to a false positive) or confirm the imposed block.

Figure 9.3 shows the selection screen for the Display Blocked Business Partners report.

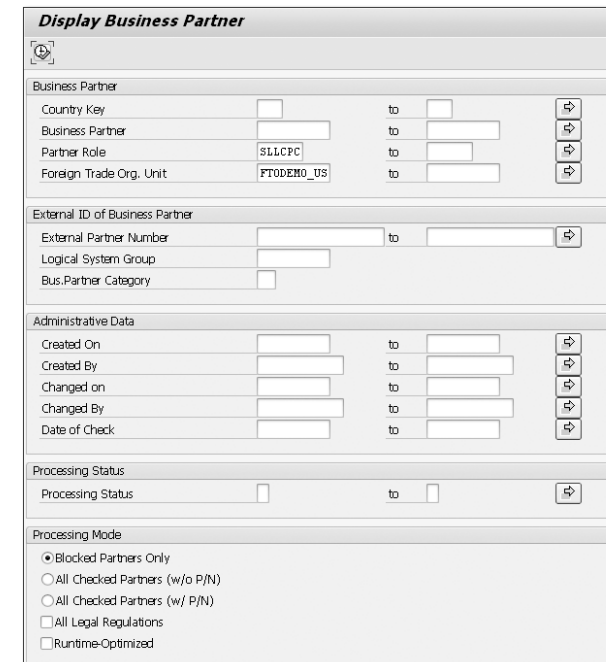


Figure 9.3 Display Blocked Business Partners Selection Screen



To enable an analysis of the companies' business partners, specify the FOREIGN TRADE ORGANIZATION UNIT and PARTNER ROLE (e.g., customer, vendor, bank, etc.) fields. Furthermore, you can choose to display only blocked business partners or all checked partners, whether blocked or not.

The report shown in Figure 9.4 is the result of this selection screen. It lists all blocked business partners (customers) by external and internal BP number. It also shows information specific to the SPL screening, such as the legal regulation against which the block occurs, data used for the screening process, and validity term of the block. All partners, whether they are blocked by the system or not, may be manually released, put on a negative or positive list, or manually blocked within this report. For further information regarding this topic, please consult Chapter 6 on Compliance Management.

Status	LS Group	B	External Partner Number	Business Partner	C	Case S.	Legal Reg.	C	P.	AddressNo.	Date of SPL Screening	Sanct. Block
000	FDRTESTG...	0	90001	961			SPLUS			18333	29.11.2013 16:21:43	<input checked="" type="checkbox"/>
000	FDRTESTG...	0	11005	1003			SPLUS			18424	02.12.2013 10:57:03	<input checked="" type="checkbox"/>
000	FDRTESTG...	0	11005	1003			SPLUS			18481	02.12.2013 10:57:03	<input checked="" type="checkbox"/>
000	FDRTESTG...	0	11112	1005			SPLUS			18482	02.12.2013 10:57:03	<input checked="" type="checkbox"/>
000	FDRTESTG...	0	55004	625			SPLUS			12122	26.11.2013 14:24:28	<input checked="" type="checkbox"/>
000	FDRTESTG...	0	55513	934			SPLUS			12418	18.06.2013 21:32:56	<input checked="" type="checkbox"/>
000	FDRTESTG...	0	3906	671			SPLUS			12171	26.11.2013 14:26:31	<input checked="" type="checkbox"/>
000	FDRTESTG...	0	9001	685			SPLUS			12183	18.11.2013 11:37:03	<input checked="" type="checkbox"/>
000	FDRTESTG...	0	2005	827			SPLUS			12318	18.11.2013 16:19:02	<input checked="" type="checkbox"/>

Figure 9.4 Display Blocked Business Partners Report

Table 9.2 lists reports that cover actions taken on business partners or transactional documents.

Report Name	Menu Path
SPL—Display Business Partners on the Negative List	SANCTIONED PARTY LIST SCREENING • TAB LOGISTICS • DISPLAY NEGATIVE LIST BUSINESS PARTNERS
SPL—Display Business Partners on the Positive List	SANCTIONED PARTY LIST SCREENING • TAB LOGISTICS • DISPLAY POSITIVE LIST BUSINESS PARTNERS
SPL—Display Analyze Reasons for Release	SANCTIONED PARTY LIST SCREENING • TAB CROSS-AREA MONITORING • ANALYZE REASONS FOR RELEASE

Table 9.2 Reports Listing Actions Taken Related to SPL Screening

From a legal and compliance perspective, releasing business partners for which the system imposes an SPL block is an action that requires careful consideration. Therefore, the ability for companies to review employees' past actions (and motivations for those actions) is important. You can access legacy information on those actions in the Analyze Reasons for Release report.

Figure 9.5 shows the selection screen of the Analyze Reasons for Release report. The most relevant fields to conduct the report are to search on a certain legal regulation and specify the reason object, determining whether the report displays a list of released documents or a list of released business partners.

Figure 9.5 Analyze Reasons for Release Report Selection Screen

Figure 9.6 gives an example of the report itself. The report was executed with "Business Partner" as the reason object, so it displays all previously blocked business partners that have been released with a specified reason. For the example report shown, business partners have been manually released for either a false positive match on the business partner's location or a false positive match on the business partner's name. The report outlines release description and business partner information, as well as the time and responsible party of release.

The *audit trails* are the second area covered by the SPL reporting. Companies need to log and keep all SPL screening results regarding business partners, documents, and payments available for audit purposes. SAP GTS stores all information related to the screening activities (e.g., SPL screening, manual releases, and manual blocks) that have been performed in the system, rendering the required documentation accessible in case of eventual audits.

Reas...	Description	Ext. BP	Name	Addr. n...	City	Ctr	Created On	Changed By
LOC	False positive match on Location	1016	Customer Japan	11000	Tokyo	JP	24.02.2012 15:31:07	SZUTTERMAN
	False positive match on Location	4860	AL-QAHTANI, Nayif Bin...	10992	Syria	SY	21.02.2012 11:50:26	SZUTTERMAN
	False positive match on Location	11000	John Smith	11654	London	GB	03.07.2014 20:17:59	SZUTTERMAN
	False positive match on Location	12302	Demo Vendor MX	11097	Mexico City	MX	08.10.2012 21:49:17	SZUTTERMAN
	False positive match on Location	14444	Test Company UK	11077	Marlow	GB	27.09.2012 20:22:58	SZUTTERMAN
NAME	False Positive Match on Name	12323	Customer Syria	11033	SY	SY	13.04.2012 09:41:24	SZUTTERMAN
	False Positive Match on Name	25020	Customer Malaysia	11404	Penang	MY	06.10.2013 14:26:55	SZUTTERMAN
	False Positive Match on Name	44455	Vendor Germany	10903	Berlin	DE	25.01.2012 15:51:29	SZUTTERMAN
	False Positive Match on Name	59019	Customer Singapore	11614	singapore	SG	16.06.2014 12:17:27	SZUTTERMAN
	False Positive Match on Name	66020	DEMO VENDOR MEX	11153	CANCUN	MX	16.04.2013 13:19:39	SZUTTERMAN

Figure 9.6 Analyze Reasons for Release for SPL Screening of Business Partners Report

Table 9.3 gives an overview of all SPL audit trail reports. Reports are available to trace activities related to business partners, documents, and payments.

Report Name	Transaction
Display Audit Trail of Address Check for Business Partner	SANCTIONED PARTY LIST SCREENING • TAB LOGISTICS • DISPLAY AUDIT TRAIL FOR BUSINESS PARTNERS
Display Audit Trail of Documents Address Check	SANCTIONED PARTY LIST SCREENING • TAB LOGISTICS • DISPLAY AUDIT TRAIL FOR DOCUMENTS
Display Audit Trail of Address Check for Payment Documents	SANCTIONED PARTY LIST SCREENING • TAB FINANCIAL ACCOUNTING • DISPLAY AUDIT TRAIL FOR PAYMENTS
SPL Audit Trail for External Auditor—Business Partner	SANCTIONED PARTY LIST SCREENING • TAB CROSS-AREA MONITORING • DISPLAY AUDIT TRAILS FOR PARTNER
SPL Audit Trail for External Auditor—Documents	SANCTIONED PARTY LIST SCREENING • TAB CROSS-AREA MONITORING • DISPLAY AUDIT TRAILS FOR DOCUMENTS

Table 9.3 SPL Audit Trail Reports

Two extended audit reports—one for partners and one for documents—are available specifically for external auditors as a starting point for their audit activities, but the reports can also be consulted for internal purposes.

Figure 9.7 shows the selection screen for the extended report Display Audit Trails for External Auditor—Partner. In this report, you give an audit trail on a certain business partner (or multiple partners) by entering the external partner number.

**SPL Audit Trail for External Auditor**

Sanctioned Party List  
 Legal Regulation: SPLUS to [ ]

Partner Data  
 External Partner Number: AGENCY12 to [ ]  
 Bus.Partner Category: [ ] to [ ]  
 Logical System Group: [ ] to [ ]

Control Data  
 Layout of Audit Output: [ ]  
 Layout of SPL Entity Output: [ ]  
 Layout of SPL Match Output: [ ]  
 Archived Data

Figure 9.7 Display Audit Trails for External Auditor (Partner) Selection Screen

Figure 9.8 displays the outcome of executing the report with the given parameters in the selection screen.

**SPL Audit Trail for Business Partner**

Audit Trail of Sanctioned Party List Screening

Ext. BP	Date	SPL Run	L.Reg.	Addr.No.	SCR	U.	Name	Street	City	Com...
AGENCY12	20.01.2014	20:48:32	SPLUS	10948			Real Estate Agency Hamburg	Main Street	Hamburg	
AGENCY12	22.10.2012	11:56:30	SPLUS	10948			Real Estate Agency Hamburg	Main Street	Hamburg	
AGENCY12	21.02.2012	12:34:44	SPLUS	10948			Real Estate Agency Hamburg	Main Street	Hamburg	
AGENCY12	20.02.2012	17:30:56	SPLUS	10948			Real Estate Agency Hamburg	Main Street	Hamburg	
AGENCY12	08.02.2012	10:41:28	SPLUS	10948			Real Estate Agency Hamburg	Main Street	Hamburg	

FALSE POSITIVE HIT

U 1, Co 1 Ln 1 - Ln 1 of 1 lines

Figure 9.8 Audit Trail Report for a Business Partner

The audit report stipulates that, for the initial SPL check, the business partner passed the SPL screening, represented by the two green checkmarks at the bottom line of the audit trail. For the consecutive system checks, the business partner failed on the system check (signified by the red symbols). However, in the top line, the audit trail reveals that the business partner has been manually released, with a specified reason FALSE POSITIVE HIT.

Finally, the SPL master data reports in Table 9.4 contain information related to the lists of sanctioned party entries against which the system performs the SPL checks. As the actual lists containing sanctioned parties are usually uploaded in an XML format acquired from a content provider, the information in these lists is more informative and legacy in nature, compared to previously discussed reports, which serve a greater operational importance.

Report Name	Menu Path
Display Sanctioned Party Lists	SANCTIONED PARTY LIST SCREENING • TAB MASTER DATA • DISPLAY OVERVIEW LIST
Display Structured View of Sanctioned Party Lists	SANCTIONED PARTY LIST SCREENING • TAB MASTER DATA • DISPLAY STRUCTURED LIST
Display Expiring Sanctioned Party List Entries	SANCTIONED PARTY LIST SCREENING • TAB MASTER DATA • DISPLAY EXPIRING SANCTIONED PARTY LISTS
Display Change History of Sanction Lists	SANCTIONED PARTY LIST SCREENING • TAB MASTER DATA • DISPLAY CHANGE HISTORY

**Table 9.4** SPL Master Data Reports

**Embargo**

Similar to restrictions on trading with sanctioned parties, trading restrictions are imposed for dealing with parties in embargoed countries. For a more detailed overview on embargoes, refer to the Compliance Management chapter.

The SAP GTS embargo reporting capabilities are more restricted than those found in SPL reporting, but do roughly follow the same logic. Since embargo-related data is rather concise, all data extracted from SAP GTS is linked to the embargo status of a business partner, document, or payment.

Each embargo-related report is twofold:

- ▶ One report describes the import situation of the embargo, including purchasing processes, incoming payments, and the import situation of business partners.
- ▶ The other report specifies the export situation of the embargo, entailing the sales processes, outgoing payments, and export situation of business partners.

Table 9.5 (import) and Table 9.6 (export) give an overview of the embargo reports. As with the SPL reports, two reports are provided to display the blocked documents and payments. From a business perspective, these reports provide the capability to filter on the documents that require further attention. Additionally, two reports allow the manual release of those documents and payments. Note that, apart from an added CANCEL EMBARGO BLOCK flag, the additional reports to release the documents/payments are the equivalent of the display reports.

Report Name	Menu Path
Display Blocked Import Documents	LEGAL CONTROL—IMPORT • DISPLAY BLOCKED DOCUMENTS
Display Blocked Payment Receipt Documents	LEGAL CONTROL—IMPORT • DISPLAY BLOCKED PAYMENTS
Release Blocked Import Documents (Embargo)	LEGAL CONTROL—IMPORT • RELEASE BLOCKED DOCUMENTS
Release Blocked Payment Receipt Documents (Embargo)	LEGAL CONTROL—IMPORT • RELEASE BLOCKED PAYMENTS

**Table 9.5** Transactional Embargo Reports (Import)

Report Name	Menu Path
Display Blocked Export Documents	LEGAL CONTROL—EXPORT • DISPLAY BLOCKED DOCUMENTS
Display Blocked Outgoing Payment Documents	LEGAL CONTROL—EXPORT • DISPLAY BLOCKED PAYMENTS

**Table 9.6** Transactional Embargo Reports (Export)

Report Name	Menu Path
Release Blocked Export Documents (Embargo)	LEGAL CONTROL—EXPORT • RELEASE BLOCKED DOCUMENTS
Release Blocked Outgoing Payment Documents (Embargo)	LEGAL CONTROL—EXPORT • RELEASE BLOCKED PAYMENTS

**Table 9.6** Transactional Embargo Reports (Export) (Cont.)

Figure 9.9 shows the selection screen from the Release Blocked Export Documents (Embargo) report. If you leave all fields blank, the results list all transactional export documents (e.g., sales orders and deliveries) on which the system has imposed an embargo block. To focus the list to a specific search criterion, input information into the LEGAL REGULATION, FOREIGN TRADE ORGANIZATION, and REFERENCE NUMBER fields.

**Figure 9.9** Report for Released Embargo Documents (Export) Selection Screen

Figure 9.10 shows the result of running the report, providing a rundown of export documents that have an imposed embargo block. In contrast to the Display Blocked Export Documents report, there is the addition of the green checkmark button and the ability to release the document with a reason (and possible comments) for release, which you can consult later for audit purposes.

**Figure 9.10** Report of Embargo Blocked Documents (Export) with the Option to Release

Table 9.7 (import) and Table 9.8 (export) provide further information relating to embargo actions taken on documents and payments. The first two reports in these tables list all documents and payments released for embargo, containing the technical and release data, including the time of release and person responsible. A separate report allows analyzing the reason as to why it was released (e.g., the documents consisted of a non-embargo-restricted activity).



Report Name	Menu Path
Display Released Import Embargo Documents	LEGAL CONTROL—IMPORT • DISPLAY RELEASED DOCUMENTS
Display Released Embargo Payment Receipts	LEGAL CONTROL—IMPORT • DISPLAY RELEASED PAYMENTS
Analyze Reasons for Release for Import Embargo	LEGAL CONTROL—IMPORT • ANALYZE REASONS FOR RELEASE
Display Business Partners with Embargo Situation—Import	LEGAL CONTROL—IMPORT • BUSINESS PARTNERS WITH EMBARGO SITUATION

**Table 9.7** Descriptive Reports Related to Embargo (Import)

Report Name	Menu Path
Display Released Export Embargo Documents	LEGAL CONTROL—EXPORT • DISPLAY RELEASED DOCUMENTS
Display Released Embargo Outgoing Payments	LEGAL CONTROL—EXPORT • DISPLAY RELEASED PAYMENTS
Analyze Reasons for Release for Export Embargo	LEGAL CONTROL—EXPORT • ANALYZE REASONS FOR RELEASE
Display Business Partners with Embargo Situation—Export	LEGAL CONTROL—EXPORT • BUSINESS PARTNERS WITH EMBARGO SITUATION

**Table 9.8** Descriptive Reports Related to Embargo (Export)

The Display Business Partners with Embargo Situation (Export) report allows a company to analyze its business partners in embargoed situations, providing a clear view of which operations they may not perform with certain business partners, including in what timeframe to consider these restrictions.

Figure 9.11 shows the selection screen for this report. You must simulate the list of embargoed business partners based on a certain legal regulation and key date. The KEY DATE field is required because each embargo has a set validity period and, thus, affects the outcome of the report. You can further narrow the search by specifying a country of departure and the category of business partners (e.g., customers or vendors).

**Figure 9.11** Analyzing Business Partners in Embargo Situation (Export) Report Selection Screen

Figure 9.12 shows the result of executing this report. It shows which business partners are residing in an embargoed situation, for how long, and for which country of departure.

BusinessPartner	Ext. BP	Country of	Name	City	Street	Ctr
112	1001	SY	Syrian Civil User - ACT Country Test	Damascus	Damascus Main Street	SY
181	4860	SY	AL-QAHTANI, Nayif Bin-Muhammad	Syria		SY
182	12355	SY	TEST SYRIA	DAMASCUS		SY
192	12323	SY	Customer Syria	SY		SY
193	12324	KP	Demo Customer	North Korea		KP
621	12999	SY	COMPANY LLP	TESSTREET		SY
885	3415	RU	Metallepo	Petersburg	Puskin Ul.	RU
956	1951	KP	Harakat ul-Ansar	Pyongyang		KP
979	1952	KP	Harakat ul-Ansar	Northkoreastreet	teststreet	KP
980	1953	KP	Harakat ul-Ansar	Northkoreastreet	test	KP
981	1954	KP	Harakat ul-Ansar	Northkoreastreet	test 3	KP
1024	12334	RU	TEST CUSTOMER RUSSIA	MOSCOW		RU
RU_01	RU_01	RU	Consignee	Maskou	Streer	RU
1028	RU_01	RU	NAME CUSTOMER RU_01	Moscow	Russian Quarter	RU
4672	CA_DTM02	RU	National Trucking			RU

**Figure 9.12** Report of Business Partners in an Embargo Situation (Export)

**Legal Control**

Legal control reports provide information about the legal checks and blocks performed on documents and which licenses are assigned, or are to be used, to resolve these blocks. The reports can be divided in three sections: transactional documents, license management, and master data reports. Analogous to the embargo reporting, each report is twofold: one report for import legal control, including purchasing processes and incoming payments, and the other for export legal control, entailing sales processes and outgoing payments.

Table 9.9 (import) and Table 9.10 (export) provide the reports related to transactional documents. The Display Blocked Import/Export Documents and Display Blocked Payment Receipts/Outgoing Payments reports are the same as those mentioned in the embargo reporting section: you can obtain detailed information about the reason of the imposed legal control block. The Display Existing Import/Export Documents reports act as a repository where you can access all transactional documents in the system, whether blocked or not.

Report Name	Menu Path
Display Blocked Import Documents	LEGAL CONTROL—IMPORT • DISPLAY BLOCKED DOCUMENTS
Display Blocked Payment Receipts	LEGAL CONTROL—IMPORT • DISPLAY BLOCKED PAYMENTS
Display Existing Import Documents	LEGAL CONTROL—IMPORT • DISPLAY EXISTING DOCUMENTS
Display Existing Payments Receipts	LEGAL CONTROL—IMPORT • DISPLAY AVAILABLE PAYMENTS

**Table 9.9** Transactional Reports Related to Legal Control (Import)

Report Name	Menu Path
Display Blocked Export Documents	LEGAL CONTROL—EXPORT • DISPLAY BLOCKED DOCUMENTS
Display Blocked Outgoing Payments	LEGAL CONTROL—EXPORT • DISPLAY BLOCKED PAYMENTS

**Table 9.10** Transactional Reports Related to Legal Control (Export)

Report Name	Menu Path
Display Existing Export Documents	LEGAL CONTROL—EXPORT • DISPLAY EXISTING DOCUMENTS
Display Existing Outgoing Payments	LEGAL CONTROL—EXPORT • DISPLAY AVAILABLE PAYMENTS

**Table 9.10** Transactional Reports Related to Legal Control (Export) (Cont.)

As part of resolving legal control blocks, you can assign licenses to the documents that involve materials requiring import or export licenses. SAP GTS provides a number of reports to keep track of these licenses and to which documents they have been assigned.

Table 9.11 (import) and Table 9.12 (export) list these reports. For more detailed information on license management, consult the Compliance Management chapter.

Report Name	Menu Path
Display Existing Import Licenses	LEGAL CONTROL—IMPORT • DISPLAY EXISTING IMPORT LICENSES
Display Assigned Documents to Licenses	LEGAL CONTROL—IMPORT • DISPLAY ASSIGNED DOCUMENTS
Display Determination Strategy (Import)	LEGAL CONTROL—IMPORT • DISPLAY DETERMINATION STRATEGY
Tracking of ITAR Control-Relevant Products (Import)	LEGAL CONTROL—IMPORT • TRACK CONTROL-RELEVANT PRODUCTS

**Table 9.11** Reports Related to Legal Control License Management (Import)

Report Name	Menu Path
Display Existing Export Licenses	LEGAL CONTROL—EXPORT • DISPLAY EXISTING EXPORT LICENSES
Display Existing Agreements	LEGAL CONTROL—EXPORT • DISPLAY EXISTING AGREEMENTS

**Table 9.12** Reports Related to Legal Control License Management (Export)

Report Name	Menu Path
Display Assigned Documents to Licenses	LEGAL CONTROL—EXPORT • DISPLAY ASSIGNED DOCUMENTS
Display Assigned Licenses to Agreements	LEGAL CONTROL—EXPORT • ASSIGNED DOCUMENTS/EXPORT LICENSES
Display Determination Strategy (Export)	LEGAL CONTROL—EXPORT • DISPLAY DETERMINATION STRATEGY
Tracking of ITAR Control-Relevant Products (Export)	LEGAL CONTROL—EXPORT • TRACK CONTROL-RELEVANT PRODUCTS

**Table 9.12** Reports Related to Legal Control License Management (Export) (Cont.)

Within the Legal Control functionality of SAP GTS, the Display Existing Export Licenses and Display Assigned Documents to Licenses transactions are useful for maintaining an overview of all licenses present in the system, including validity dates, remaining quantity, and more. To keep an eye on license renewal, a business may run the first mentioned report to retrieve a list of licenses with an almost-expiring validity date, near-zero quantity, etc. The second mentioned report provides detailed information about which documents are assigned to a certain license, with data such as item information, weight, decrementing quantity, etc.

The Display Existing Export Licenses report gives the company an overview of the export licenses maintained in SAP GTS. You'll have to specify a legal regulation for which the report displays the applicable licenses as shown in Figure 9.13. You can use other selection criteria (e.g., license type, status, validity date, product number, etc.) to enable a more detailed search.

Figure 9.14 shows the result of running the report for EAR licenses. The existing EAR licenses are grouped by license type and display information, such as the corresponding external license number, quantity and value data, validity period, and so on.

**Figure 9.13** Display Export Licenses Selection Screen

L.Reg.	L.Type	License Number	External License Number	Valid from	Valid to	Status	Changed By		
EAR	748QV	2000000000000000026	BIS-748P MULTI-PURPOSE LICENSE C30	14.02.2014	15.02.2016	0003	SZUTTERMAN		
		2000000000000000027	BIS-748P MULTI-PURPOSE LICENSE C30 A	14.02.2014	15.02.2016	0004	SZUTTERMAN		
		2000000000000000028	BIS-748P MULTI-PURPOSE LICENSE C30 B	14.02.2014	15.02.2016	0003	SZUTTERMAN		
		2000000000000000050	TEST - BIS-748P MULTI-PURPOSE LICENSE	14.02.2014	15.02.2016	0003	SZUTTERMAN		
		2000000000000000053	TEST - BIS-748P MULTI-PURPOSE LICENSE A	14.02.2014	15.02.2016	0004	SZUTTERMAN		
		2000000000000000117	TEST DCS	01.01.2014	11.06.2018	0001	SZUTTERMAN		
		2000000000000000121	GTS TRAINING EAR LICENSE	01.01.2014	01.01.2018	0006	SZUTTERMAN		
		2000000000000000142	748QV-14302VOS	18.06.2014	24.06.2017	0001	SZUTTERMAN		
		2000000000000000194	748QV-QSDL1208233D	23.09.2014	08.01.2018	0004	SZUTTERMAN		
		2000000000000000195	TEST LICENSE	01.01.2014	01.12.2016	0004	SZUTTERMAN		
		2000000000000000197	45513984123	21.01.2014	22.11.2016	0004	SZUTTERMAN		
		748QZ	2000000000000000029	2000000000000000029	BIS-748P MULTI-PURPOSE LICENSE C30 C	14.02.2014	15.02.2016	0006	SZUTTERMAN
				2000000000000000030	BIS-748P MULTI-PURPOSE LICENSE C30 D	14.02.2014	15.02.2016	0006	SZUTTERMAN
				2000000000000000141	LIC - 123112370	18.06.2014	31.07.2016	0004	SZUTTERMAN
2000000000000000196	748QZ-DUMMY LICENSE			23.01.2014	27.12.9999	0004	SZUTTERMAN		

**Figure 9.14** Report of Existing Export Licenses

**Master Data**

We can divide the reports located in the Compliance Management master data section into reports concerning product classification, product re-export, or country information. Note that, although reports related to SPL lists and existing licenses are considered master data reports as well, they have already been covered in the previous sections.

Table 9.13 gives an overview of all classification master data reports. For more information regarding classification, please consult Chapter 5 about classification.

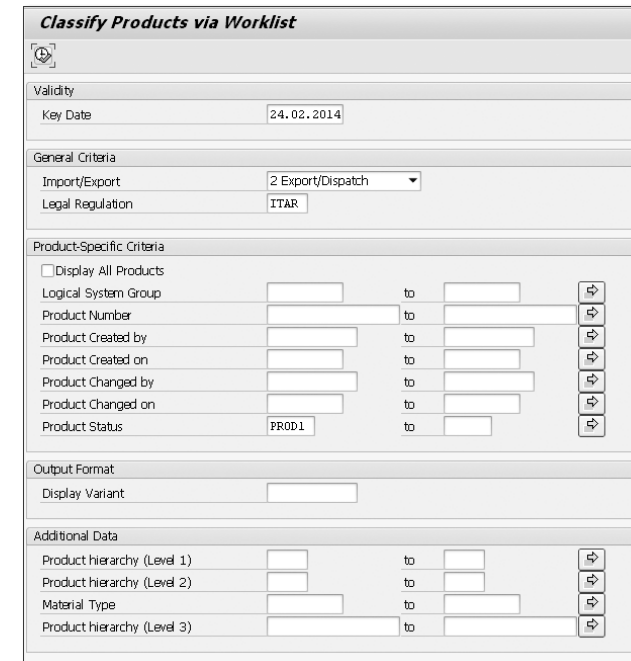
Report Name	Menu Path
Classify via Worklist (Import)	CLASSIFICATION/MASTER DATA • IMPORT VIEW • CLASSIFY VIA WORKLIST
Classify via Worklist (Export)	CLASSIFICATION/MASTER DATA • EXPORT VIEW • CLASSIFY VIA WORKLIST
Maintain Import Control Classification Numbers	CLASSIFICATION/MASTER DATA • MAINTAIN IMPORT CONTROL CLASSIF. NUMBERS
Maintain Export Control Classification Numbers	CLASSIFICATION/MASTER DATA • MAINTAIN EXPORT CONTROL CLASSIF. NUMBERS
Display Analyzed Classifications	CLASSIFICATION/MASTER DATA • ANALYZE PRODUCT CLASSIFICATION

**Table 9.13** Classification Master Data Reports

For companies that handle large numbers of materials, manually classifying one product at a time can be a tedious task. SAP GTS provides reports to display a selection of materials that have not yet been classified and allows you to make mass changes on the selected materials. As such, a classification effort can take place in a shorter timeframe by mass classifying similar products.

Figure 9.15 depicts the selection screen to run the list of yet-to-be-classified materials via a worklist. Mandatory fields include the KEY DATE and LEGAL REGULATION fields, as well as the choice to classify for import/arrival or export/dispatch. The latter choice has an impact only if the Customizing setup of a legal regulation is different for import and export. If, however, that legal regulation applies in both directions (e.g., ITAR active for both import and export), the classification applies for both, as well. Furthermore, you can choose to run the report for all

unclassified materials with a certain product status (e.g., new, changed in feeder system, entered in SAP GTS, etc.).



**Figure 9.15** Report to Classify Products via Worklist Selection Screen

Figure 9.16 shows the output of the report: a rundown list of all products that have not yet been assigned an ECCN for the numbering scheme of the given legal regulation. The products with a red status in the EXPORT column will result in a legal control block on the corresponding documents, because the product has not been classified for that legal regulation. In addition, products with a green export status have no specific ECCN code assigned, but are classified with an active No CONTROL flag. Thus, the system clears these products in the control check for the applicable legal regulation.

You can use the Display Analyzed Classifications report in a number of ways. It allows compliance personnel to view and analyze the classification of its products over various legal regulations or search products that are similarly classified. Note that this transaction covers the analysis of compliance classification codes (ICCN and ECCN) but not customs classification codes.



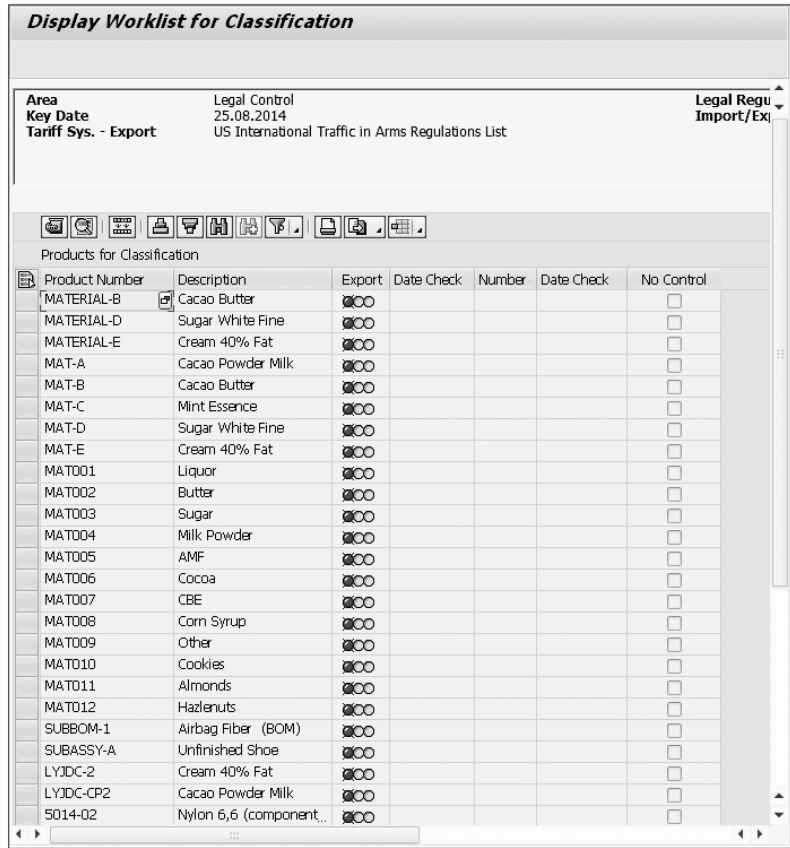


Figure 9.16 Report Displaying the Worklist for Classification

The selection screen, of which the logical system group is the only mandatory field, is shown in Figure 9.17. By entering a certain product (or range of), you can analyze the classification over the various legal regulations. In the example in Figure 9.17, a user searches all existing products that have been classified as an ITAR product with ECCN code VIII(h).

Figure 9.18 shows the output of the report. All products classified as an ITAR product with ECCN code VIII(h) are listed alongside corresponding data, such as validity date, grouping, peculiarity code, and NO CONTROL flag. Thus, this is an effective report for users or companies wanting to group all products linked to a certain ECCN.

Table 9.14 lists reports related to compliance master data.

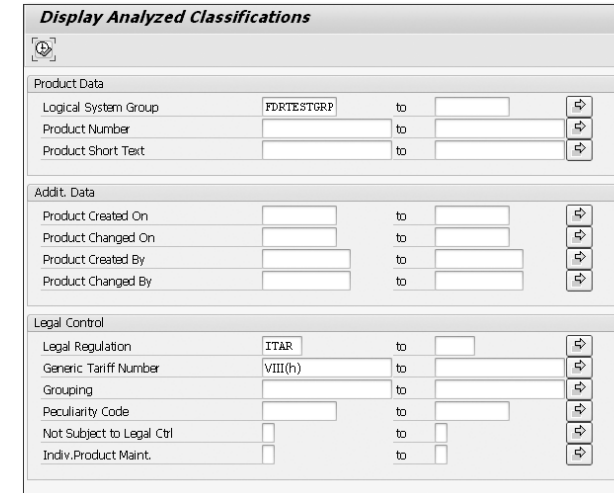


Figure 9.17 Analyze Product Classifications Selection Screen



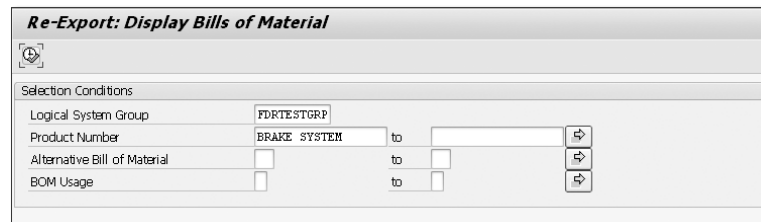
Figure 9.18 Report to Analyze Product Classifications

Report Name	Menu Path
Display Multilevel Bill of Material Structure	CLASSIFICATION/MASTER DATA • DISPLAY BOMs FOR PRODUCT
Display Determination Log of Re-Export Shares	CLASSIFICATION/MASTER DATA • DISPLAY CALCULATION LOG
Display Re-Export Data for Product	CLASSIFICATION/MASTER DATA • DISPLAY RE-EXPORT DATA FOR PRODUCT

**Table 9.14** Compliance-Related Product Master Data Reports

The Display Multilevel Bill of Material report allows you to generate a report with the bill of material (BOM) information assigned to a certain product or several products.

The selection screen for this report, shown in Figure 9.19, requires you to specify a logical system and product number (or range of product numbers); alternative BOM and BOM usage are optional specifications.



**Figure 9.19** Display Product BOMs Selection Screen

The result, shown in Figure 9.20, displays the specified product's BOM; a hierarchical structure of its subcomponents; and additional information, such as the plant, required quantity in the BOM, amount, and currency. Note that the AMOUNT column specifies the value used for that component in a de minimis calculation for re-export purposes.

In SAP GTS, you can assign countries to country groups via Customizing in order to manage legal regulations, duty rates, and so on at a country group level. The result can be a more efficient process and more holistic overview. The report in Table 9.15 provides an overview of the Customizing settings regarding country/country groups. Note that because this data is maintained via Customizing, the report serves only descriptive purposes.

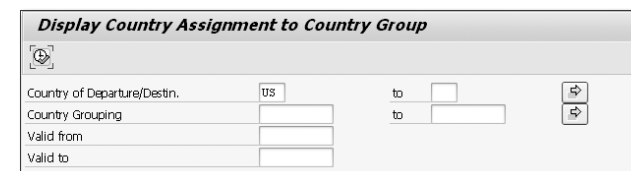
Level	Product No	Product Master Short Text	Plant	Quantity	UoM	Amount	Crcy
0	BRAKE SYSTEM	Finished Product 1734	5902	1	PC	0,00	EUR
.1	SUBBOM-1	Airbag Fiber (BOM)	5902	1	PC	500,00	EUR
..2	COMP-01	Nylon 6,6 (component 1)	5902	1	PC	100,00	EUR
..2	COMP-02	Solution-died Nylon 6 (component 2)	5902	1	PC	50,00	EUR
.1	SUBCOMP-1	Stud B	5902	2	PC	20,00	EUR
.1	SUBCOMP-2	Stud Bx	5902	4	PC	80,00	EUR

**Figure 9.20** Multilevel Bill of Material Structure Report

Report Name	Menu Path
Display Country Assignment to Country Group	CLASSIFICATION/MASTER DATA • DISPLAY COUNTRY ASSIGNMENT TO CTRY GRP

**Table 9.15** Country Assignment Master Data Report

Entering a country of departure/destination in the selection screen (as shown in Figure 9.21) produces a list of country groups to which the specified country has been assigned (Figure 9.22). When you enter a country group rather than a country of departure, the report lists all countries that are part of that country group.



**Figure 9.21** Country/Country Groups Assignment Selection Screen

Country	Long name	Country Group	Description	Definitive To-Date	Definitive From-Date
US	USA	CNTYGR_AL	Country Group World	30.12.9999 00:00:00	01.01.1995 00:00:00
US	USA	CNTYGR_US	Country Group US United States	30.12.9999 00:00:00	01.01.1900 00:00:00
US	USA	_DMY1	General Rate	30.12.9999 06:00:00	01.01.1996 06:00:00
US	USA	_DMY23	General - In Quota	30.12.9999 06:00:00	01.09.2008 06:00:00
US	USA	_DUS	United States	01.01.4000 00:00:00	01.01.1995 00:00:00
US	USA	_MFN	Most favoured nation (MFN) rates are the conventional rates	31.12.2999 00:00:00	01.01.2000 00:00:00

**Figure 9.22** Report Listing the Assignment Country/Country Groups

Having focused on reporting for Compliance Management—and, more specifically, the reporting aspects of SPL Screening, Embargo, and Legal Control—we now turn our attention to the reports on Customs Management.

### 9.1.2 Customs Management Reporting

In an international trade environment where goods are crossing borders, information regarding these goods, the applicable duties and taxes, and safety and security data are essential. Similar to Compliance Management reporting, SAP GTS provides reports to support the customs processes discussed in detail in the Customs Management chapter.

Within SAP GTS Customs Management reporting, three subcategories are to be listed:

- ▶ Customs documents providing data on the general import and export functionalities
- ▶ Reports related to special customs procedures, where the focus of the reports lies mostly on inventory levels
- ▶ Reports concerning customs master data

Let's look at each one in turn.

#### Customs Documents

The reports for customs documents provide information on the general inbound and outbound declarations in SAP GTS. Table 9.16 (import) and Table 9.17 (export) list these reports.

Report Name	Menu Path
Activities in the Customs Processing Area (Import)	IMPORT • TAB IMPORT • DISPLAY INBOUND ACTIVITIES
Display Available Customs Import Declarations	IMPORT • TAB IMPORT • DISPLAY CUSTOMS DECLARATIONS
Worklist for Customs Declaration Prior to Goods Receipt	IMPORT • TAB IMPORT • ENTER DECLARATION PRIOR TO GOODS RECEIPT

**Table 9.16** General Customs Reports (Import)

Report Name	Menu Path
Worklist for Customs Declaration After Goods Receipt	IMPORT • TAB IMPORT • WORKLIST: CUSTOMS DECL. AFTER GOODS RECEIPT
Display Unassigned Customs Bill of Lading	IMPORT • TAB IMPORT • DISPLAY UNASSIGNED CUSTOMS BILL OF LADING

**Table 9.16** General Customs Reports (Import) (Cont.)

Report Name	Menu Path
Activities in the Customs Processing Area (Export)	EXPORT • TAB EXPORT • DISPLAY OUTBOUND ACTIVITIES
Display Available Customs Export Declarations	EXPORT • TAB EXPORT • DISPLAY CUSTOMS DECLARATIONS
Monitor Export Confirmation for Customs Declaration	EXPORT • TAB EXPORT • EXPORT CONFIRMATION MONITORING
Display Export Document Flow	EXPORT • TAB EXPORT • DISPLAY EXPORT DOCUMENT FLOW

**Table 9.17** General Customs Reports (Export)

As extensively discussed in the Customs Management chapter, SAP GTS is equipped with an operative cockpit from which you can access in a report all documents that require further attention, grouped into activities. This is the most consulted report in the operational customs process. Because the documents in this report are divided into different worklists, it is easy for companies with a large trade customs team to split the workload of the people based on these processes.

Figure 9.23 shows the selection screen that runs the report for all inbound activities still requiring attention. If you run the report but leave all data fields blank, you'll get a list of all inbound flows across the different FTOs that have not yet been completed.

To narrow the search, you can enter a specific FTO, resulting in the report shown in Figure 9.24. The report shows the different steps in that FTO's import process,

with the number of documents present in each activity. From the report, you can access and further process customs declarations.

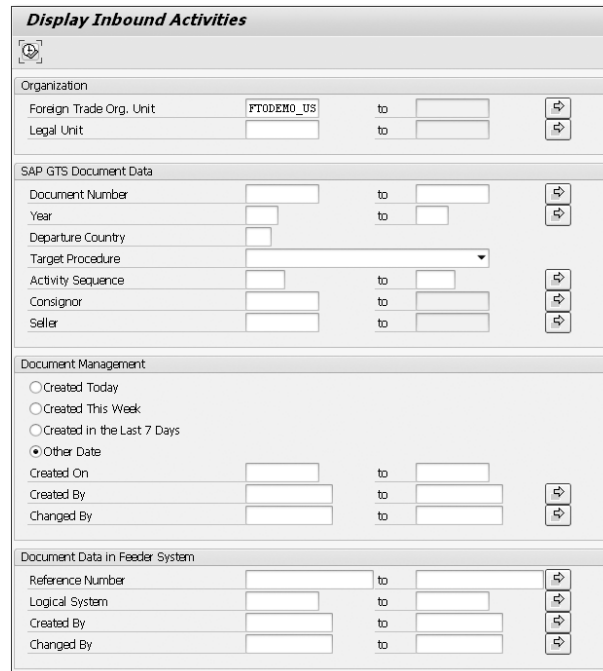


Figure 9.23 Inbound Activities Report Selection Screen

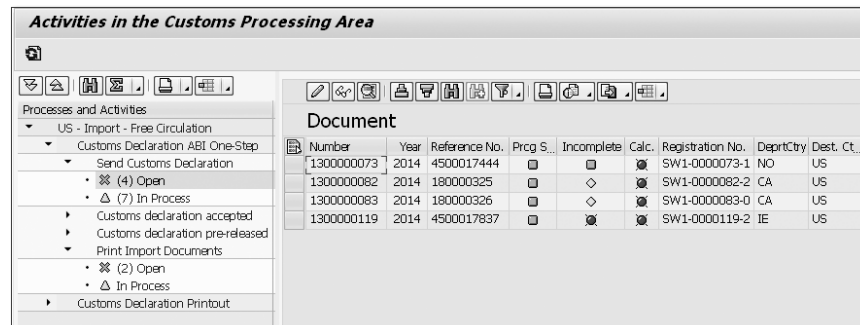


Figure 9.24 Report of Import Activities in Customs Processing Area

Aside from the general import process, similar reports exist for the inbound activities related to transit, presentation to customs authorities, and pre-declaration. Because these reports follow a similar approach, we won't discuss them here.

Table 9.17 lists the export equivalent of the previously discussed reports. Again, the operational cockpit report containing the outbound activities to further process is the most significant and follows the same logic as the import report.

Besides the operative cockpit, the customs monitoring functionality in SAP GTS provides an alternative way of displaying an overview of the customs declarations.

The Display Available Customs Export Declarations report lists all customs declarations, independent of the activity they are in. Besides these open declarations, the report also enables you to track fully processed and completed documents, serving as an audit rather than an operational report.

Figure 9.25 shows the selection screen for the existing export declarations report.

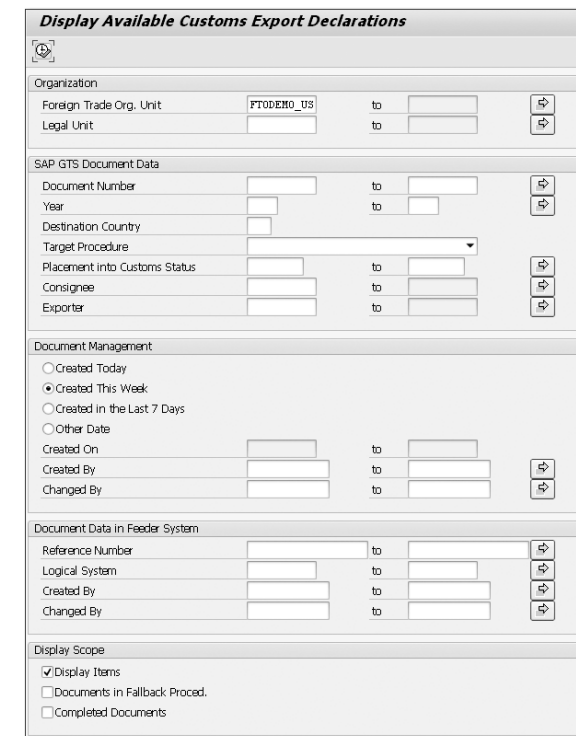


Figure 9.25 Listing the Existing Export Declarations Selection Screen

It is generally the same selection screen as that for the operative cockpit, with the addition of a few extra selection options. For example, you can run the report to



show only reports residing in a fallback procedure (e.g., for a single person authorized to handle these documents) or only the completed declarations (e.g., for audit purposes).

Figure 9.26 displays the result of executing the report, which lists all existing export declarations for the specified FTO, with corresponding data such as processing status, item information, etc.

Number	Year	Doc. Type	Ref. No.	Prog. Sts	Incomplete	Calc. Man. Postpr	Created By	Changed By	Reg. No.	DeprtCtry Dest.
1400000220	2014	CULOEX	90038336				SZUTTERMAN	SZUTTERMAN	SW1-0000220-8	US FR
1400000222	2014	CULOEX	90038338				SZUTTERMAN	SZUTTERMAN	SW1-0000222-4	US CA
1400000223	2014	CULOEX	90038339				SZUTTERMAN	SZUTTERMAN	SW1-0000223-2	US CA
1400000234	2014	CULOEX	90038352				ALBERTG	ALBERTG	SW1-0000234-9	US CN
1400000235	2014	CULOEX	90038353				ALBERTG	ALBERTG	SW1-0000235-6	US CN
1400000236	2014	CULOEX	90038354				ALBERTG	ALBERTG	SW1-0000236-4	US CN
1400000237	2014	CULOEX	90038355				SZUTTERMAN	SZUTTERMAN	SW1-0000237-2	US RU

Figure 9.26 Report of Existing Export Declarations

### Special Customs Procedures

Special procedure reports provide information on specific customs procedures, including bonded warehouse (BWH), inward processing relief (IPR), outward processing relief (OPR), and processing under customs control (PUCC).

Because these processes distinguish between duty-paid and duty-unpaid stock, most related reports give you a full overview of stock levels and stock movements of products related to these special customs procedures. For more information on special customs procedures, please consult the Customs Management chapter.

For declaring to customs authorities, it's important to maintain the overview of duty-unpaid stock levels. To support this overview, SAP GTS provides reports for each of the previously mentioned customs procedures that list an overview of the stock movements. Stock list reports can be divided into three sections: Overview of Individual Stock Items, Stock Overview, and Receipt and Issues.

The Overview of Individual Stock Items shows the receipt and issue postings that have an economic impact on the special procedure products. Because SAP GTS processes the special procedure products on a first-in, first-out basis, the system links each receipt posting with the corresponding issue postings. This relation

between receipt and issue postings is also included in those reports. Furthermore, because declaring duty-unpaid stock levels on a periodic basis in the customs warehouse is mandatory in most regions, an additional report is available. This Display Stock List with Starting and Ending Stocks report provides the duty-unpaid start- and end-stock levels for a specific customs product in the requested timeframe; you can then declare these to the customs authorities.

The Stock Overview reports list the customs warehouse stock present for the special procedure products for each respective category (duty-paid/unpaid, reserved/not reserved).

Finally, the Receipt and Issues reports show all receipt and issue postings in chronological order for a certain product, which allows analyzing the goods movements and related stock changes of a certain special procedure product.

Table 9.18 lists the reports concerning individual stock items for the four SAP GTS-supported special procedures.

Report Name	Menu Path
Display Duty-Unpaid Individual Stock Item (BWH)	MONITORING FOR INVENTORY-MANAGED CUSTOMS PROCEDURES • TAB CUSTOMS WAREHOUSE • DISPLAY DUTY-UNPAID INDIVIDUAL STOCK ITEMS
Display Stock List with Starting and Ending Stock (BWH)	MONITORING FOR INVENTORY-MANAGED CUSTOMS PROCEDURES • TAB CUSTOMS WAREHOUSE • DISPLAY OPENING/CLOSING STOCK
Display Individual Stock Item (IPR)	MONITORING FOR INVENTORY-MANAGED CUSTOMS PROCEDURES • TAB INWARD PROCESSING • DISPLAY INDIVIDUAL STOCK ITEMS
Display Individual Stock Item (OPR)	MONITORING FOR INVENTORY-MANAGED CUSTOMS PROCEDURES • TAB OUTWARD PROCESSING • DISPLAY INDIVIDUAL STOCK ITEMS
Display Individual Stock Item (PUCC)	MONITORING FOR INVENTORY-MANAGED CUSTOMS PROCEDURES • TAB PUCC • DISPLAY INDIVIDUAL STOCK ITEMS

Table 9.18 Special Customs Procedures Individual Stock Items Reports

Figure 9.27 shows the selection screen for the BWH individual stock item report. Note that this selection screen is identical to those of the other special customs procedures. For a given customs warehouse ID, you can access the receipt and

issue postings with an economic impact for up to five special procedure products (customs products). Additionally, you need to enter a stock posting period in which the receipt and issues took place.

Figure 9.27 Selection Screen to Display BWH Duty-Unpaid Individual Stock Items

Figure 9.28 shows the result of the individual stock item report for BWH. Each line represents either a receipt (green plus sign) or issue (red minus sign) posting. Every product issue that has an economic impact (e.g., bringing duty-unpaid goods into free circulation) is linked to a receipt. From the report, you can access the bespoke products, receipt documents, and issue documents immediately.

Log.System	Product No	Description	Date	Rcpt/Issue	Inv. Mgmt	Doc. Qty	Stk Avail.	UoM	CD Receipt	Year	Item Receipt	Cancel Rcp	DN Issue
IDECLNT901	1712	Demo Material	30.01.2014	⊕	100	100	100	PC	1300000001	2014	1		1300000020
				⊖	100	0	0	PC					
				⊕	150	150	150	PC	1300000002				
				⊖	149	0	1	PC					1300000021
			31.01.2014	⊖	1	0	0	PC					1300000022
				⊕	2,000	2,000	2,000	PC	1300000006				
				⊖	1	0	1,999	PC					1300000023

Figure 9.28 Report of BWH Duty-Unpaid Individual Stock Items

Note that the way to declare duty-paid and duty-unpaid stock levels is dependent on the region and applicable customs regulations.

Table 9.19 lists the reports that provide an overview of the stock levels for each category (duty paid/unpaid, reserved/not reserved). The selection screen is identical to Figure 9.27, with the exclusion of a stock postings timeframe.

Report Name	Menu Path
Display Stock Overview (BWH)	MONITORING FOR INVENTORY-MANAGED CUSTOMS PROCEDURES • TAB CUSTOMS WAREHOUSE • DISPLAY STOCK OVERVIEW
Display Stock Overview (IPR)	MONITORING FOR INVENTORY-MANAGED CUSTOMS PROCEDURES • TAB INWARD PROCESSING • DISPLAY STOCK OVERVIEW
Display Stock Overview (OPR)	MONITORING FOR INVENTORY-MANAGED CUSTOMS PROCEDURES • TAB OUTWARD PROCESSING • DISPLAY STOCK OVERVIEW
Display Stock Overview (PUCC)	MONITORING FOR INVENTORY-MANAGED CUSTOMS PROCEDURES • TAB PUCC • DISPLAY STOCK OVERVIEW

Table 9.19 Special Customs Procedures Stock Overview Reports

As the stock overview reports show the total stock of customs products at a given time, independent of stock postings period. Figure 9.29 shows the output of the report, providing the actual levels of the four stock categories for a certain customs product. From this report, you can directly access the customs product and a receipt/issue or first-in, first-out list for the product over a period of up to 12 months. Additionally, via this report, you can move duty-paid or duty-unpaid stock directly into free circulation or place it in the respective reserved stock for scrapping.

Log.System	Product No	Description	Dty Unpaid	Dty-Un. Rs	Duty Paid	DP Reservd	UoM	Total Avail. Qty
IDECLNT901	1712	Demo Material	5,774	223	4,013	0	PC	10,010

Figure 9.29 BWH Stock Overview Report

Table 9.20 gives an overview of the receipt/issue list reports, which provide an overview of all incoming and outgoing flows related to the customs products. Unlike the individual stock item reports, these reports list all flows, regardless of

category (duty paid/unpaid, reserved/not reserved), in chronological order, giving an overview of the exact movements of the specific customs products.

Report Name	Menu Path
Display Receipt/Issue List (BWH)	MONITORING FOR INVENTORY-MANAGED CUSTOMS PROCEDURES • TAB CUSTOMS WAREHOUSE • DISPLAY RECEIPTS AND ISSUES
Display Receipt/Issue List (IPR)	MONITORING FOR INVENTORY-MANAGED CUSTOMS PROCEDURES • TAB INWARD PROCESSING • DISPLAY RECEIPTS AND ISSUES
Display Receipt/Issue List (OPR)	MONITORING FOR INVENTORY-MANAGED CUSTOMS PROCEDURES • TAB OUTWARD PROCESSING • DISPLAY RECEIPTS AND ISSUES
Display Receipt/Issue List (PUCC)	MONITORING FOR INVENTORY-MANAGED CUSTOMS PROCEDURES • TAB PUCC • DISPLAY RECEIPTS AND ISSUES

**Table 9.20** Special Customs Procedures Receipt and Issue Reports

The same selection screen as in Figure 9.27 applies, resulting in the receipt/issue postings in a certain customs warehouse for no more than five customs products over a specified timeframe.

Figure 9.30 displays the outcome of the report. Each line represents either a receipt or an issue posting, with the corresponding stock category, and provides direct access to each receipt or issue document.

Log System	Product No	Description	Stock Category	Date	Rcpt/Issue	Quantity	UoM	Doc. No	Year	Item	Cancellat	Registration No.
IDECLNT901	1712	Demo Material	Duty Unpaid	30.01.2014	⊕	100	PC	1300000001	2014	1	<input type="checkbox"/>	14000000112012
					⊖	1	PC	1400000011		1	<input type="checkbox"/>	
					⊖	150	PC	1300000002		1	<input type="checkbox"/>	
					⊖	100	PC	1300000020	2014	1	<input type="checkbox"/>	
					⊖	149	PC	1300000021		1	<input type="checkbox"/>	
				31.01.2014	⊕	2,000	PC	1300000006	2014	1	<input type="checkbox"/>	
					⊖	175	PC	1400000015		10	<input type="checkbox"/>	
					⊖	25	PC	1400000016		1	<input type="checkbox"/>	14000000162012
					⊖	1	PC	1300000022	2014	1	<input type="checkbox"/>	
					⊖	1	PC	1300000023		1	<input type="checkbox"/>	
				22.02.2014	⊖	2	PC	1400000063	2014	1	<input type="checkbox"/>	14000000632012
			Duty-Unpaid Reserved	30.01.2014	⊖	1	PC	1400000011		1	<input type="checkbox"/>	14000000112012
				31.01.2014	⊕	175	PC	1400000015		10	<input type="checkbox"/>	
					⊖	25	PC	1400000016		1	<input type="checkbox"/>	14000000162012
				22.02.2014	⊖	2	PC	1400000063		1	<input type="checkbox"/>	14000000632012
			Duty Paid	30.01.2014	⊕	3,950	PC	Initial			<input type="checkbox"/>	
					⊖	45	PC	6900000012	2014	1	<input type="checkbox"/>	
					⊖	45	PC	6900000013		1	<input type="checkbox"/>	
					⊖	249	PC	Stock			<input type="checkbox"/>	
				31.01.2014	⊖	100	PC	6900000016	2014	1	<input type="checkbox"/>	
					⊖	1	PC	Stock			<input type="checkbox"/>	
					⊖	1	PC				<input type="checkbox"/>	

**Figure 9.30** Report with the Receipt and Issue Postings in the Specified Timeframe

**Master Data**

The last section of Customs Management reporting concerns reports related to master data.

In certain customs procedures, you may need appropriate authorizations from the customs authorities. The customs authorities grant these authorizations to companies that have proven reliable in these procedures and allow them to handle certain customs-relevant processes or apply simplified procedures in the import/export process. These authorizations can range from granting a company permission to use a customs warehouse, participate in inward/outward processing control, process under customs control, or apply a simplified customs procedure to its import/export or transit process.

You can enter authorizations (and specifications such as the status, FTO, customs offices, texts, etc.) granted by the authorities as master data in SAP GTS.

Aside from authorizations, certain countries require companies to deposit securities when importing goods. This procedure helps customs authorities ensure that companies pay the amount of duties they owe. You can enter securities as master data in SAP GTS in the same way as authorizations or licenses. The specific type and attributes of the securities depend on Customizing settings and regulations received from or communicated by the customs authorities.

Table 9.21 lists the master data reports in SAP GTS related to previously discussed authorizations and securities.

Report Name	Menu Path
Display Existing Import Processing Securities	MASTER DATA • TAB AUTHORIZATIONS/SECURITIES • MONITOR SECURITIES FOR CUSTOMS PROCESSING
Display Existing Dispatch Securities	MASTER DATA • TAB AUTHORIZATIONS/SECURITIES • MONITOR TRANSIT SECURITIES
Display Existing Import/ Export Authorizations	MASTER DATA • TAB AUTHORIZATIONS/SECURITIES • MONITOR AUTHORITIES FOR CUSTOMS PROCESSING
Display Dispatch/Presentation Authorizations	MASTER DATA • TAB AUTHORIZATIONS/SECURITIES • MONITOR TRANSIT AUTHORIZATIONS

**Table 9.21** Customs Reports Related to Authorizations and Securities

Figure 9.31 shows the selection screen for displaying the existing authorizations. According to the specified screen, you run a report for the Belgian customs regulation (CUSBE), searching for authorizations that possess an active status (0002) and are applicable to the Belgian FTO.

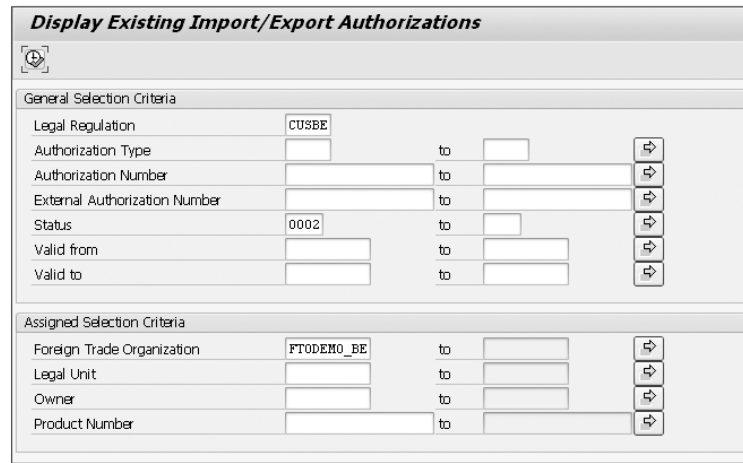


Figure 9.31 Existing Authorizations Selection Screen

Figure 9.32 shows that the Belgian FTO is authorized by the customs authorities to apply simplified import and export procedures and leverage a BWH.

L.Reg.	L.Ty.	License Number	External License Number	Valid from	Valid to	Im/Ex	Status
CUSBE	VVEX	12000000000000000005	SIMPLIFIED EXPORT	02.02.2014	31.12.2099	2	0002
	VVIM	12000000000000000004	SIMPLIFIED IMPORT	01.01.2014	31.12.2099	1	0002
	VVZL	13000000000000000013	BONDED WAREHOUSE	02.02.2014	31.12.2099	3	0002

Figure 9.32 Report of Existing Authorizations

Furthermore, you can distinguish master data reports relating to the customs product classification. Table 9.22 gives an overview of all master data reports related to customs product classification. Note that these reports consider customs classification (e.g., tariff and commodity codes), not the legal control classification.

Report Name	Menu Path
Classify Products via Worklist	CLASSIFICATION • TAB CLASSIFICATION • CLASSIFY VIA WORKLIST
Display Product Catalog	CLASSIFICATION • TAB CLASSIFICATION • DISPLAY PRODUCT CATALOG
Display Monitoring for Customs Products	MASTER DATA • TAB CUSTOMS PRODUCTS • DISPLAY PRODUCT MONITOR

Table 9.22 Master Data Reports Related to Customs Classification

The Display Product Catalog report serves the same purpose as the Analyze Product Classification report discussed in Figure 9.18. You can apply it to search all products and analyze their classifications or search all products that have been classified using a specific code. Note that this report allows you to analyze both compliance codes (e.g., ICCN and ECCN) and customs classification codes (e.g., HTS tariff codes and Schedule B commodity codes).

Figure 9.33 shows the selection screen of the Display Product Catalog report. In the type of numbering scheme, you can choose between the various import and export numbering schemes that have been set up in the system. Furthermore, you can enter a customs classification code (or range of classification codes) to get a more detailed report.

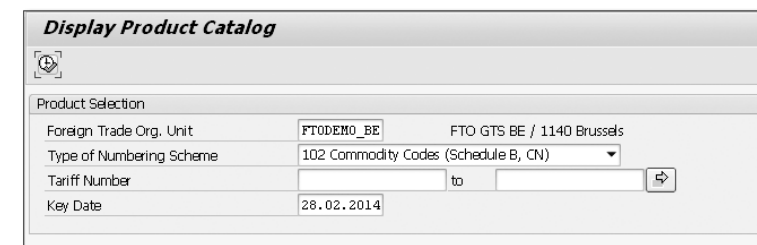


Figure 9.33 Displaying the Product Catalog Selection Screen

In this example, we ran the report without entering a specific classification code and specified only the Schedule B commodity codes numbering scheme. The output of this selection screen results in the report shown in Figure 9.34: a list of all products with a customs classification code, with corresponding data such as unit of measure, numbering scheme, and classification validity period.



**Prod. Catalog for Demo FTO BE / 1210 Brussels**

Commodity Codes (Schedule B, CN) Key Date: 25.08.2014

Tariff Number	Numbering Scheme Name	Product Number	Product Master Short Text	Log. Sys. Group	BUn
30041000	Commodity Codes - EU	FP-ZOFRAN	ZOFRAN 2MG/ML 4MLX5	FDRTESTGRP	PC
73181550		1712	Electric Motor 128761-11	FDRTESTGRP	
		1719	R&D equipment 2	FDRTESTGRP	
		MATERIAL TTT	Pinacolyl Alcohol Tricolore	FDRTESTGRP	
		1752	Demo Material BWH	FDRTESTGRP	
73181559		1705	Stud A	FDRTESTGRP	
		1720	Stud B tp	FDRTESTGRP	
		1788	Encryption Mat - Restricted	FDRTESTGRP	
85250001		1749	COMPONENT 2_TRADE PREF	FDRTESTGRP	
		1748	COMPONENT 1_TRADE PREF	FDRTESTGRP	
		1732	Stud B trade	FDRTESTGRP	
		FP_1	Finished Product 1	FDRTESTGRP	
		FP_01	Stud A	FDRTESTGRP	
		1756	120 mm MORTAR AMMUNITION	FDRTESTGRP	
		1717	Stud B FG	FDRTESTGRP	
85255000		1704	Unilever Test Material	FDRTESTGRP	
85362010		CP_12	Component 2 (FP_01)	FDRTESTGRP	
		1750	Controlled Item - Demo	FDRTESTGRP	
		1740	Component 1 (1739)	FDRTESTGRP	
		CP_13	Component 3 (FP_01)	FDRTESTGRP	
		CP_11	Component 1 (FP_01)	FDRTESTGRP	
85423101		MAT_DEMO_BONDED	21" Flat Screen Monitor	FDRTESTGRP	EA
		FP_10	Stud A	FDRTESTGRP	PC
		CP_01	Component 1 (FP_01)	FDRTESTGRP	
		1729	Stud B trade	FDRTESTGRP	
		1739	Finished product GTS TP event	FDRTESTGRP	
		1718	Stud B trade	FDRTESTGRP	
85423201		1707	Stud A	FDRTESTGRP	
		1708	Stud A	FDRTESTGRP	
		1716	Stud B tp	FDRTESTGRP	

Figure 9.34 Report Displaying the Product Catalog

Having considered the reporting aspects for SAP GTS Customs Management, specifically customs documents and special customs procedures, let's move on to reports from the final module of SAP GTS, Risk Management.

### 9.1.3 Risk Management Reporting

As with Compliance Management and Customs Management reporting, let's look at the subdivisions of Risk Management: Trade Preference Management, Restitution Management, and Letter of Credit Processing.

#### Trade Preference Management

The Trade Preference Management module in SAP GTS Risk Management allows companies to manage, track, and report the trade preference status in order to determine the trade preference relevancy of the concerned products. You can

logically group the relevant reports for trade preference processing in reports concerning vendor-based vendor declarations, vendor declarations for the customer's purposes, and product preference determination.

Note that all these reports depend on the specified administrative unit (AU), which you must enter before running any of the following reports. The AU determines which free trade agreements and specific characteristics to apply. For a more detailed overview of this topic, please consult the Risk Management chapter.

Table 9.23 gives an overview of the lists concerning vendor-based vendor declaration reports. These reports support the process of requesting, dunning, and aggregating long-term vendor declarations (LTVDs) from vendors.

Report Name	Menu Path
Display Worklist for Vendor-Based Long-Term Vendor Declaration	PREFERENCE PROCESSING • MANAGE VENDOR-BASED VENDOR DECLARATIONS • TAB MONITORING • DISPLAY WORKLIST
Monitoring of Vendor-Based Long-Term Vendor Declaration	PREFERENCE PROCESSING • MANAGE VENDOR-BASED VENDOR DECLARATIONS • TAB MONITORING • DISPLAY VENDOR DECLARATION
Aggregate Long-Term Vendor Declarations	PREFERENCE PROCESSING • MANAGE VENDOR-BASED VENDOR DECLARATIONS • TAB PROCESSING • AGGREGATE VENDOR DECLARATION
Assign Vendors to Administrative Unit	PREFERENCE PROCESSING • MANAGE VENDOR-BASED VENDOR DECLARATIONS • TAB RELEVANT MASTER DATA • ASSIGN VENDOR

Table 9.23 Vendor-Based Vendor Declaration Reports

Figure 9.35 shows the selection screen for displaying the worklist of vendor-based vendor declarations. In order to run the report, you must enter an AU. Optionally, you can filter the report for a certain vendor or product (or range of products).

Figure 9.36 displays the worklist report. It shows the product-vendor combinations eligible for requesting LTVDs. From this report, you can initiate the actual requesting process. Once the vendor declaration is requested, that product-vendor combination is moved from the worklist report to the Monitoring of Long-Term Vendor Declarations report.

Figure 9.35 Vendor-Based Vendor Declaration Worklist Selection Screen

Vendor	Name	City	Ctr	Vend. Rel.	Product No	Product Master Short Text	Req. Rel.	Ref. Application
7400	Norplant AS	Oslo	NO	Vendor Relevant	AA11	Cell phone base station	Relevant	MM Goods Movement
12122	Vendor MX		MX	Vendor Relevant	DEMO-TP-01	Component 2 - Trade Pref	Relevant	MM Purchase Order
				Vendor Relevant	DEMO-TP-02	Component 2 - Trade Pref	Relevant	MM Purchase Order
				Vendor Relevant	DEMO-TP-03	Component 2 - Trade Pref	Relevant	MM Purchase Order
				Vendor Relevant	EMT-2	Component 2 - Trade Pref	Relevant	MM Purchase Order
				Vendor Relevant	EMT-3	Component 2 - Trade Pref	Relevant	MM Purchase Order
				Vendor Relevant	EMT-4	Component 2 - Trade Pref	Relevant	MM Purchase Order

Figure 9.36 Worklist for Vendor-Based Vendor Declarations

Whereas Table 9.23 elaborated on the reports concerning requesting LTVDs from vendors, Table 9.24 lists the reports that support the process of issuing LTVDs to customers.

Report Name	Menu Path
Display Worklist Long-Term Vendor Declaration for Customer's Purposes	PREFERENCE PROCESSING • MANAGE VENDOR DECLARATIONS FOR CUSTOMER'S PURPOSE • TAB MONITORING • DISPLAY WORKLIST

Table 9.24 Reports Concerning Vendor Declarations for Customer Purposes

Report Name	Menu Path
Monitoring of Long-Term Vendor Declaration for Customer's Purposes	PREFERENCE PROCESSING • MANAGE VENDOR DECLARATIONS FOR CUSTOMER'S PURPOSE • TAB MONITORING • DISPLAY VENDOR DECLARATION
Assign Customer to Administrative Unit	PREFERENCE PROCESSING • MANAGE VENDOR DECLARATIONS FOR CUSTOMER'S PURPOSE • TAB RELEVANT MASTER DATA • ASSIGN CUSTOMER

Table 9.24 Reports Concerning Vendor Declarations for Customer Purposes (Cont.)

In the previous report example (Figure 9.36), we elaborated on the worklist to request LTVDs. An analogous report is available for issuing LTVDs for the customer's purposes. As stated, when preference declarations are processed, you can review them in the monitoring report. Figure 9.37 shows the selection screen for the Monitoring of LTVDs for Customer's Purposes report.

Figure 9.37 Monitoring Issued Vendor Declarations to Customers Selection Screen

By executing the report for a certain issuing period and using two business partners as selection criteria, you can produce the report shown in Figure 9.38. The report lists the LTVDs issued to the requested business partners, with corresponding data such as the preferential status, validity period, tariff numbers, etc.

Ext. BP	Description	Mode	Prod.	Product Master Short Text	Description	LTVD Number	Year	Origin	Pref. Flag	Description
485	Customer Canada		1765	TYGACIL NF 50MG 1 X 10 VL	North American ...	3201100000000000021	2014		N/E	Not eligible
			1765	Dimethyl terephthalate (DMT) (BOM)		3201100000000000044			C	Goods entirely from originating materials
			1798	Airbag Fiber (BOM)		3201100000000000019			B	Goods satisfy specific rules of origin
						4201100000000000012			N/E	Not eligible
			FP-001	Casual Leather Shoe		3201100000000000031			B	Goods satisfy specific rules of origin
						4201100000000000026			N/E	Not eligible

Figure 9.38 Report of Issued Vendor Declarations for Customer's Purpose

Finally, Table 9.25 lists the reports that support the process of calculating the preferential status of a company's products.

Report Name	Menu Path
Display Preference Determination Log	PREFERENCE PROCESSING • PREFERENCE DETERMINATION • TAB DETERMINATION • DISPLAY PREFERENCE DETERMINATION LOG
Display Worklist of Configured BOMs	PREFERENCE PROCESSING • PREFERENCE DETERMINATION • TAB DETERMINATION • DISPLAY WORKLIST OF CONFIGURED BOPs
Display Preference Result by Document	PREFERENCE PROCESSING • PREFERENCE DETERMINATION • TAB DETERMINATION • DISPLAY PREFERENCE RESULT BY DOCUMENT

Table 9.25 Reports Concerning Preference Determination

SAP GTS logs and archives all preference determination results, providing a complete overview of the preference characteristics of a company's goods at all times. You can print this information via the Display Preference Determination Log report to be used for analysis or audit reasons. Figure 9.39 shows the selection screen for this report that archives the detailed preference calculation results. You must select a timeframe for the calculations to take place and the plant for which the determination will be performed. Optionally, you can filter the report on specific products or by the outcome of the preferential status.

Figure 9.40 shows output of the report; for each product preference calculation, it retrieved all details of that calculation, providing the outcome of the different calculation methods.

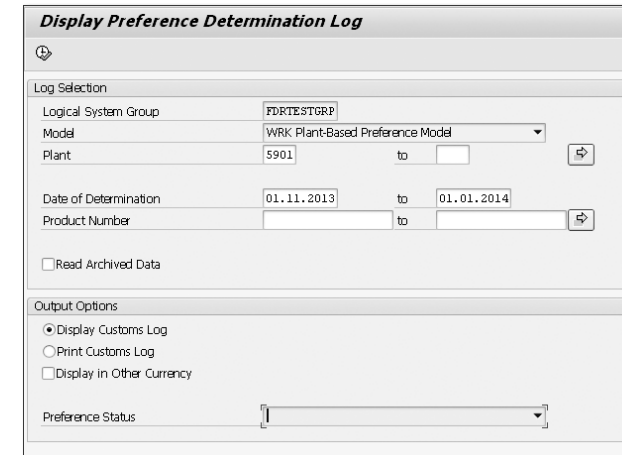


Figure 9.39 Preference Determination Log Selection Screen

St.	Export	Imp.	Agreeme.	Pref.CM	Pref.CM Name	Pref. In.	Pref. Ind.	Text	Ext.Pref.	Pref.Ext.Text	Valid From	Valid To	Preference Determinat...
				1	Transaction	55	Determined		C	Goods ent...			55
				2	Net Cost Met.	55	Determined		C	Goods ent...			55
				3	Tariff Shift	40	Determined		N/E	Not digible			40

Figure 9.40 Preference Determination Log Report

This section covered SAP GTS reports supporting companies during all three stages of the trade preference process. First, we covered reports supporting the

requesting, dunning, and aggregating of LTVDs from their vendors. Second, we discussed SAP GTS-provided reports for analyzing BOM preference calculations for analysis and audit reasons. Finally, we walked through issuing and monitoring vendor declarations for the customer's purposes.

### Restitution Management

Recall from Chapter 8 that Restitution Management concerns companies active in food and agriculture industries in Europe. Under the EU's Common Agricultural Policy (CAP), it is possible to receive export subsidies (restitutions) for set agricultural products.

In the SAP GTS restitution flow, you enter CAP licenses, securities (granted by the customs authorities), and restitution rates in SAP GTS, ensuring that all aspects for requesting and receiving export restitutions are fulfilled. You can check each document transferred to SAP GTS for restitution relevancy; if relevant, the system checks whether the products require an export license. The SAP GTS check calculates the restitution rates to be recovered and depreciates the value from the appropriate CAP license.

You can group reports that support this restitution process into document reports, restitution calculation reports, and master data reports.

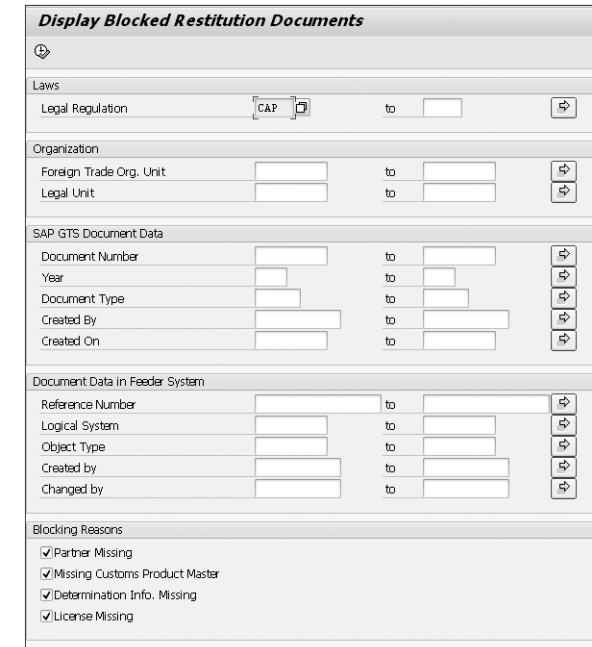
Table 9.26 lists the reports related to restitution documents. Because each transactional document can be checked for restitution, SAP GTS can impose a block on these documents if the correct restitution licenses are lacking or inadequate.

Report Name	Menu Path
Display Blocked Restitution Documents	RESTITUTION • DISPLAY BLOCKED RESTITUTION DOCUMENTS
Display Existing Advance Notices	RESTITUTION • EXISTING ADVANCE NOTICES
Display Assigned Restitution Documents	RESTITUTION • DISPLAY ASSIGNED RESTITUTION DOCUMENTS

**Table 9.26** Reports Concerning Restitution Documents

Similar to the legal control process, reports are foreseen for displaying lists of blocked documents. Figure 9.41 shows the selection screen for documents

blocked for a restitution check. You can filter the list by FTO; reference number; or reason for the block, such as missing restitution license, missing product master information, and so on.



**Figure 9.41** Documents Blocked Due to Restitution Selection Screen

Figure 9.42 displays the report output, which is similar to the compliance report of displaying blocked documents. From this report, you can access a log giving detailed information into the nature of the block.

Ref. No.	Item	Product No.	Dept/Ctry	Dest. Ctry	Log. System	SPL Screen	Embargo	Control	Restituti	Lett.Cred.	Prcg Sts	Haz.Subst.	FT Org.
14653	10	BP-028	BE	RU	IDECLNT901								FTODEMO_BE
14654		FP-102	BE	RU									FTODEMO_BE
14655		FP-102	BE	RU									FTODEMO_BE
14656		BP-420	BE	RU									FTODEMO_BE
14659		FP-102	BE	CN									FTODEMO_BE

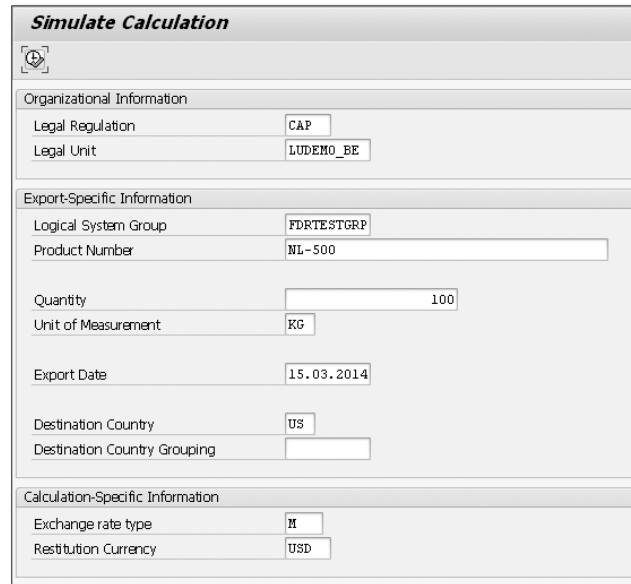
**Figure 9.42** Report Listing All Documents with a Restitution Block

In a restitution flow, a calculation takes place that multiplies the product's restitution rates by the exported quantity to determine the expected restitution amount. Table 9.27 contains the SAP GTS reports related to this restitution calculation.

Report Name	Menu Path
Simulate Restitution Calculation	RESTITUTION • SIMULATE CALCULATION
Simulate Restitution Calculation per Document	RESTITUTION • SIMULATE CALCULATION PER DOCUMENT
Calculate Restitution per Customs Declaration	RESTITUTION • CALCULATE RESTITUTION PER CUSTOMS DECL.

**Table 9.27** Reports Concerning Restitution Calculations

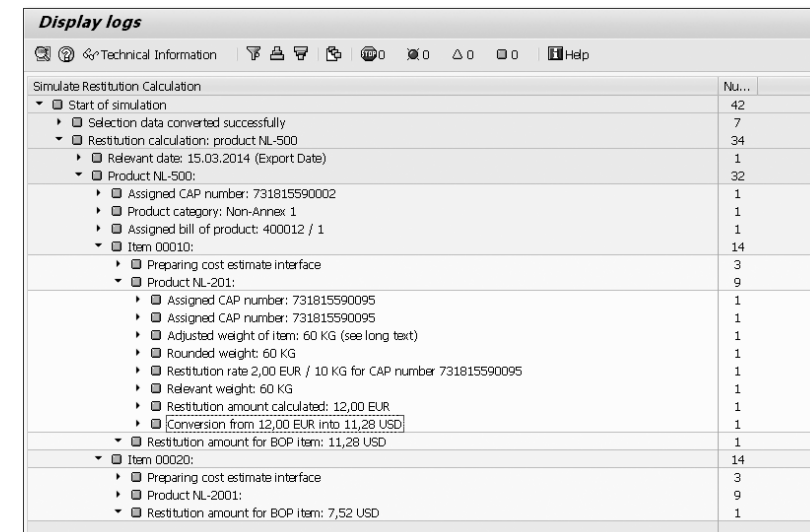
Figure 9.43 presents the selection screen of the Simulate Restitution Calculation report, which you can use to simulate what restitution amount to expect when exporting certain goods.



**Figure 9.43** Simulate Calculation Selection Screen

As an example, the report simulates an export from Belgium to the United States and involves the export of 100 kg of product NL-500.

Figure 9.44 shows the result of the restitution calculation. Product NL-500 (let's say that it represents yogurt) is maintained in SAP GTS as a BOM consisting of two components (milk and fruit, or items 00010 and 00020). The report shows the entire calculation of the two components, including the respective restitution rates, relevant weight in the BOM, calculated restitution amount, and converted amount to the requested currency.



**Figure 9.44** Report Displaying the Simulated Restitution Calculation

Finally, you enter licenses, securities, and restitution rates in SAP GTS as master data supporting the restitution management process. Table 9.28 lists the reports related to this master data.

Report Name	Menu Path
Display Produced CAP Licenses	RESTITUTION • DISPLAY PRODUCED CAP LICENSES
Display Provided Securities	RESTITUTION • DISPLAY PROVIDED SECURITIES
Maintain Restitution Rates	RESTITUTION • MASTER DATA • MAINTAIN RESTITUTION RATES

**Table 9.28** Reports Concerning Restitution Master Data



To process the calculations, you first need to maintain restitution rates in the system. Figure 9.45 displays the selection screen for displaying/maintaining the restitution rates. For the legal regulation and type of restitution, the restitution rates are displayed for a specified country of destination and validity interval. Optionally, you can also enter a specific CAP number (or range of CAP numbers) to analyze only those restitution rates.

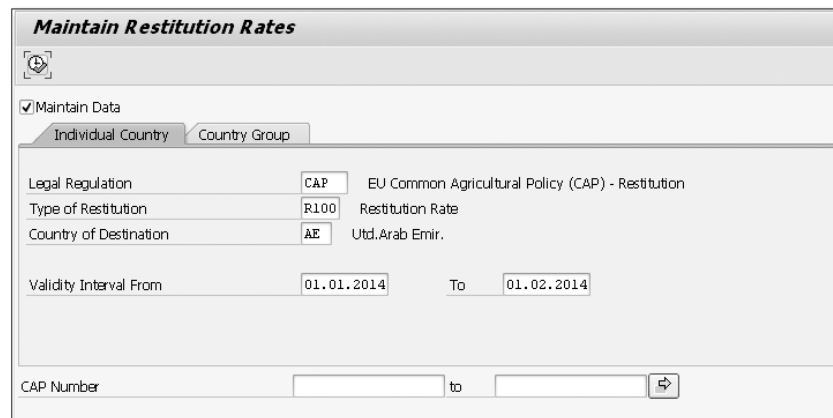


Figure 9.45 Maintaining Restitution Rates Selection Screen

Figure 9.46 shows the output of the report: the restitution rate linked to the corresponding CAP number. The rate specifies the restitution amount that can be expected per sold weight unit.

CAP Number	Description	Res.	De.	Valid from	Valid to	C	Amou.	Curre.	/ U.	Code	Cal.	Tare.
731815590091	CAP COMPONENT 2	R100	AE	01.11.2012	31.12.2999	1	0,50	EUR	1	KG		0,00
731815590092	CAP COMPONENT	R100	AE	26.10.2012	31.12.2999	1	0,20	EUR	1	KG		0,00
731815590095	CAP COMPONENT NA1, ...	R100	AE	01.11.2012	31.12.2999	1	0,30	EUR	1	KG		0,00
731815590096	CAP COMPONENT 2, NA...	R100	AE	01.11.2012	31.12.2999	1	0,70	EUR	1	KG		0,00

Figure 9.46 Report Listing the Restitution Rates

SAP GTS restitution reports support the process of retrieving restitution amounts as a result of the European export of products eligible for agricultural subsidies.

The next section handles the Letter of Credit Processing reports, which enable companies to help mitigate the financial risks common to international trade processes.

### Letter of Credit Processing

To help overcome the credit risk linked to international transactions, the intermediate role of financial institutions and payment methods such as the letter of credit (L/C) are used. By using an L/C, an importer does not need to pay in advance for the requested goods or services, reducing his risk of paying for something that does not fully meet the described goods or services. On the other hand, using an L/C is advantageous for the exporter because it guarantees that he will be paid. For more details on the L/C process, please consult Chapter 8.

Table 9.29 lists the SAP GTS reports supporting the L/C process.

Report Name	Menu Path
Display Blocked Letter of Credit Documents (Import)	LETTER OF CREDIT PROCESSING • TAB IMPORT • DISPLAY BLOCKED LETTER OF CREDIT DOCUMENTS
Display Assigned Letter of Credit Documents (Import)	LETTER OF CREDIT PROCESSING • TAB IMPORT • DISPLAY ASSIGNED LETTER OF CREDIT DOCUMENTS
Display Blocked Letter of Credit Documents (Export)	LETTER OF CREDIT PROCESSING • TAB EXPORT • DISPLAY BLOCKED LETTER OF CREDIT DOCUMENTS
Display Assigned Letter of Credit Documents (Export)	LETTER OF CREDIT PROCESSING • TAB EXPORT • DISPLAY ASSIGNED LETTER OF CREDIT DOCUMENTS
Display Existing Letters of Credit	LETTER OF CREDIT PROCESSING • TAB MASTER DATA • DISPLAY EXISTING LETTERS OF CREDIT

Table 9.29 Letter of Credit-Related Reports

Because the Display Blocked Letter of Credit Documents reports (analogous to the Blocked Restitution Documents report shown in Figure 9.42) and Display Assigned Letter of Credit Documents reports assume the same logic as those discussed in previous sections, we won't discuss them further here.

Section 9.1 covered the reports available to support the three main SAP GTS functional areas: Compliance Management (SPL Screening, Embargo, and Legal Control), Customs Management (customs documents and special customs proce-

dures), and Risk Management (Trade Preference Management, Restitution Management, and Letter of Credit Processing). Note that the SAP GTS reports discussed here are found in Appendix A1, along with their respective transaction codes.

Let's turn our attention to SAP Business Warehouse reporting, through which more extensive and company-tailored reports may be customized. By installing SAP BW, you can use customized reports to get more extensive analysis capabilities than those offered by the previously discussed standard SAP GTS reports.

## 9.2 SAP BW Reporting

SAP Business Warehouse (BW) serves as analytical, reporting, and data warehousing system. SAP BW brings significant capabilities and benefits to enhance standard SAP GTS reporting.

SAP BW stores both SAP and non-SAP data and allows fast and dynamic reporting based on the stored data. This information is stored in SAP BW's data warehouse in the following structures:

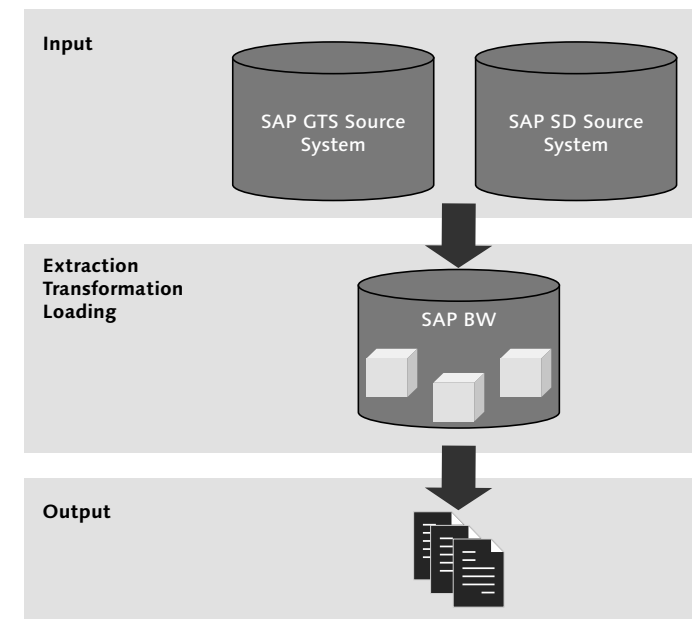
- ▶ *InfoObjects* are the smallest information units in SAP BW and are divided into characteristics/dimensions (which typically answer questions such as what, where, and who) and key figures/measures (which typically address questions such as how many).
- ▶ An *InfoCube* describes a self-contained dataset of relational tables arranged according to the star schema: a large fact table in the middle surrounded by several dimension tables.
- ▶ A *DataStore object* (DSO) combines key fields (e.g., document number, document item) with data fields (e.g., document status, item property).

Simply stated, all of these are *InfoProviders*: objects or views relevant for reporting and for which queries can be created, and thus, extracted for analyzing and reporting purposes.

Assuming that a few prerequisites are met, the integration between SAP GTS and SAP BW is standard. First, you have to set up an RFC connection between SAP BW and SAP GTS. Then, you have to enable the data transfer from SAP GTS to

SAP BW via Customizing by activating the data transfer to SAP BW on FTO, document type, and item category level.

Figure 9.47 shows the integration between SAP GTS and SAP BW. As previously mentioned, SAP BW extracts data from both SAP and non-SAP systems. For the purposes of this book, the extraction from the SAP GTS source system and SAP ERP 6.0 source system are required.



**Figure 9.47** Integration of SAP BW and SAP GTS

The programs that determine what information is transferred and stored in SAP BW are called *data extractors*. In the extraction, transformation, and loading (ETL) phase of the SAP GTS-SAP BW integration, data extractors fetch the changed (delta) information on a regular basis and combine data from multiple SAP GTS tables to transform them into a specific format.

Once ETL is finalized, master data and transactional data is accessible in SAP BW and allows for multidimensional analyses from various business perspectives. For example, you can access consolidated data from different modules (SAP GTS, SAP ERP 6.0, etc.) via a single report.

### 9.2.1 SAP GTS Extractors

When you are setting up SAP BW for integration with SAP GTS, three standard *InfoSources* with corresponding extractors are provided. One InfoSource covers the customs documents data (which also includes Risk Management data); the second covers customs documents legal control, and the third is applied for customs procedures with economic impact (e.g., BWH).

All the data that can be extracted within the areas of these InfoSources are listed in Appendix B. Note that, in addition to the standard extractors, you can use custom extraction tools to extract specific data from various data sources.

InfoSources contain a number of *key figures*. These key figures are numeric values or quantities (e.g., net price or quantity) used in the output reports as objects for analysis.

Each of the three standard InfoSources also comes with a number of standard queries. Queries relate to actual reports and specify which data is leveraged.

#### Customs Documents Data

The first InfoSource (0SLL\_CD\_1) relates to customs documents. It consists of data from customs documents created in SAP GTS. *Customs documents* should be interpreted here in a broad sense, including import and export business transactions such as customs processing, transit procedure, trade preference processing, and restitution.

The standard reports run for this functional area relate to certain key figures. The customs documents InfoSource key figures include the following:

- ▶ Calculated duties (e.g., antidumping and third country)
- ▶ Customs value
- ▶ Total duties
- ▶ Net price
- ▶ Net weight
- ▶ Number of items
- ▶ Quantity
- ▶ Statistical value

In this customs area, three sorts of standard queries are available:

- ▶ Customs import/export analysis
- ▶ Customs import/export per product
- ▶ Customs import/export per country

The first query runs an analysis of the total number of imported/exported items (by customs value, net price, etc.) per FTO, legal unit, customs procedure, or tariff code. The second query results in the same report per product number, while the third query provides the report per departure/destination country.

#### Customs Documents—Legal Control

The second InfoSource (0SLL\_CD\_02) relates to the Legal Control aspects of the import and export flows. It consists of Legal Control data concerning the import and export documents created in SAP GTS.

The Legal Control InfoSource key figures include the following:

- ▶ Net value
- ▶ Net weight
- ▶ Gross weight
- ▶ Number of items
- ▶ Quantity

Similarly to the customs document InfoSource, import/export queries exist for Legal Control purposes.

Analogous to standard SAP GTS reporting, queries launch a selection screen that you can use as a filtering tool. Figure 9.48 shows the selection screen for running the Export Analysis per Country query.

Note that, for this example, we used the BEx Analyzer to visualize the report. The BEx Analyzer is an analysis and reporting tool of SAP Business Explorer (BEx), which is embedded in Microsoft Excel.

Figure 9.49 shows the output of running the query. The report lists the export analysis per COUNTRY OF DEPARTURE. You can analyze key figures such as the net price and gross weight and net weight per country of departure, per consignee, and so on.

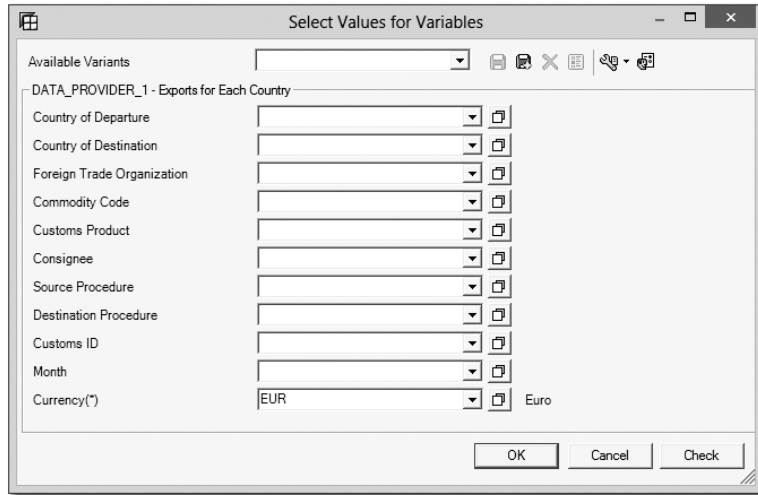


Figure 9.48 Selection Screen for Legal Control Export per Country

Exports for Each Country

Author SAP Status of Data 22/11/2013 13:12:25

Chart Filter Information

Country of Departure	Country of Destination	Consignee	Net Price	Gross Weight	Net Weight
BE	AE	622	86,03 EUR	21 KG	18 KG
	CN	102	91 044,00 EUR	658 KG	336 KG
		131	1 650,00 EUR	29 KG	18 KG
		183	900,00 EUR	10 KG	8 KG
	IR	155	100,00 EUR	1 KG	1 KG
	MX	962	10 000,00 EUR	4 KG	3 KG
	Result		103 780,03 EUR	723 KG	383 KG
US	CA	102	0,00 EUR	0 TON	0 TON
		534	7 244,09 EUR	0 TON	0 TON
		541	4 842,52 EUR	0 TON	0 TON
		612	52 047,24 EUR	0 TON	0 TON
		Not assigned	0,00 EUR	0	0
	CN	102	5 186,61 EUR	MIXED CURRENCY/UNIT	MIXED CURRENCY/UNIT
	DE	180	2 362,20 EUR	0 TON	0 TON
	GT	579	0,00 EUR	0 TON	0 TON
	PR	1016	118,11 EUR	0 TON	0 TON
	SE	564	7 231,97 EUR	4 TON	3 TON
		573	43 640,73 EUR	1 TON	0 TON
	Result		122 673,49 EUR	MIXED CURRENCY/UNIT	MIXED CURRENCY/UNIT
#		586	0,00 EUR	0 KG	0 KG
		Not assigned	0,00 EUR	53 KG	27 KG
	Result		0,00 EUR	53 KG	27 KG
Overall Result			226 453,52 EUR	MIXED CURRENCY/UNIT	MIXED CURRENCY/UNIT

Figure 9.49 Legal Control—Exports per Country

The strength of the SAP BW reports lies in its customizable and versatile nature. Analysts can continuously change the report by adding or removing variables,

inserting KPI metrics, and so on to help analyze large numbers of data transactions in order to make valid conclusions and support business decisions.

You can apply SAP BW content in three ways:

- ▶ Without modifications: This option covers the basic reporting requirements.
- ▶ With modifications: You change delivered BI content by modifying the installed objects.
- ▶ Using BI content as the template to further build customized reporting: This is the approach taken in most cases.

### Customs Procedures with Economic Impact

The third InfoSource (0SLL\_CD\_3) relates to information concerning closing portions for the processing of customs procedures with economic impact (e.g., BWH). We won't elaborate here because the same logic as the previously discussed InfoSources applies.

### 9.2.2 Advantages and Usage

The following are core advantages of using SAP BW for reporting:

- ▶ Customized reporting can be continuously adapted by adding and removing variables, inserting filters, and so on. As such, valuable data may be filtered and extracted from large sets of transactional data.
- ▶ Data visualization through various frontend reporting tools (such as SAP BEx Analyzer, SAP BusinessObjects tools, etc.) can, for example help companies create insightful dashboards presenting significant KPI metrics tailored to different users.
- ▶ SAP BW content contains a range of objects that simplify the implementation of an SAP BW system and speed up the construction of an effective reporting system
- ▶ Because you use SAP BW, you can combine data from various systems (SAP or non-SAP) into a single report. For example, this makes data extraction from multiple systems to a spreadsheet for further analysis redundant, since data from SAP and non-SAP systems may be imported in SAP BW.

### 9.3 Summary

In the beginning of this chapter, we distinguished between standard SAP GTS reporting and SAP BW reporting. SAP GTS reporting covers all reports available in SAP GTS to support the different business processes. These reports can be either descriptive (for analysis and audit trail reasons) or operational (allowing practitioners to take further actions on the shown reports). SAP GTS reporting capabilities are available for each of the three functional areas: Customs Management, Compliance Management, and Risk Management.

In contrast, SAP BW offers you a dynamic reporting platform that is highly customizable, allowing very specific and detailed reports for analysis purposes. This ensures companies can extract the most valuable details from large amounts of data to optimize their business intelligence strategy.

In the next chapter, we will elaborate on the technical objects related to SAP GTS. Our coverage of technical objects (though not strictly related to this chapter) includes topics such as user exits and business add-ins in both the SAP ERP 6.0 plug-in and in SAP GTS. You can use these technical objects to enhance SAP GTS or modify it to suit a company's business requirements.



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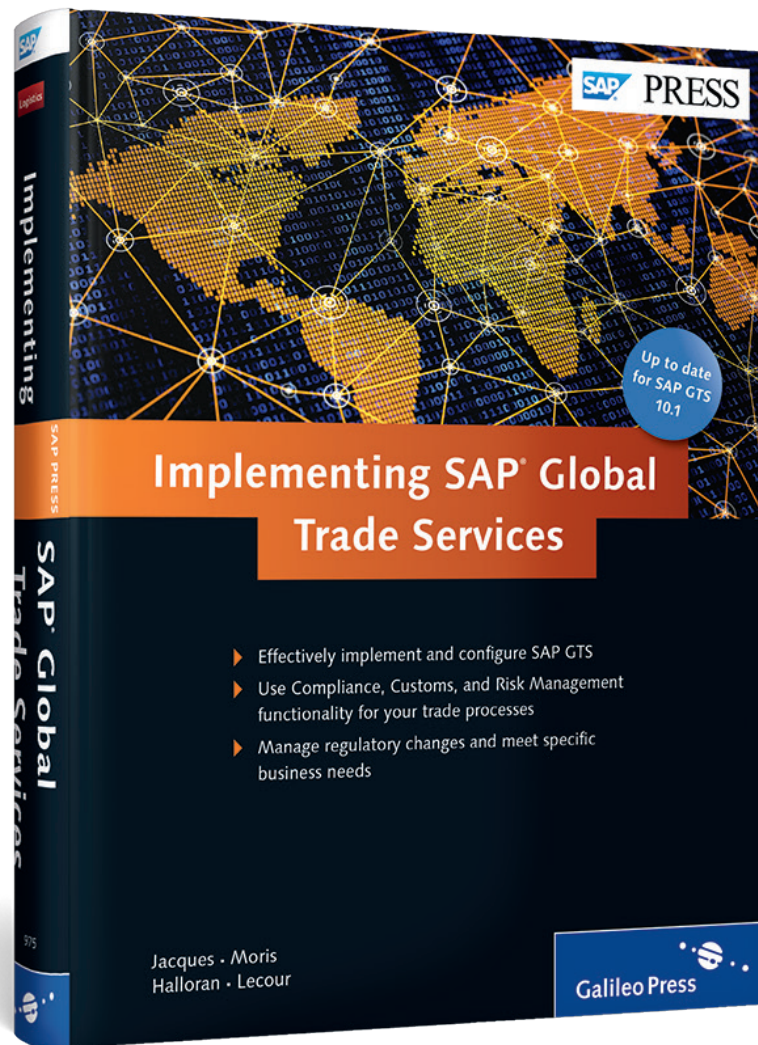
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