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100 Things You Should Know About
Financial Accounting with SAP®

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## Contents at a Glance

1. **Master Data** ................................................................. 15
2. **Transaction Processing** ............................................... 41
3. **Display** ........................................................................ 67
4. **Data Analysis** .............................................................. 93
5. **Account Assignment** ................................................... 115
6. **Environment** .............................................................. 143
7. **Integration** ................................................................. 179
8. **Reporting** ................................................................. 219
9. **Data Update** ............................................................... 253
10. **Technical** ................................................................. 283
## Contents

<table>
<thead>
<tr>
<th>Part</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acknowledgments</td>
<td>11</td>
</tr>
<tr>
<td>Introduction</td>
<td>13</td>
</tr>
<tr>
<td><strong>PART 1 Master Data</strong></td>
<td></td>
</tr>
<tr>
<td>1. Easily Maintaining General Ledger Accounts</td>
<td>17</td>
</tr>
<tr>
<td>2. Creating Cost Elements Automatically</td>
<td>19</td>
</tr>
<tr>
<td>3. Paying Vendors with Multiple Bank Accounts</td>
<td>21</td>
</tr>
<tr>
<td>4. Maintaining IBAN in the Master Records</td>
<td>23</td>
</tr>
<tr>
<td>5. Defining Sensitive Fields</td>
<td>25</td>
</tr>
<tr>
<td>6. Direct Posting to Asset Reconciliation Accounts</td>
<td>27</td>
</tr>
<tr>
<td>7. Assigning Cost Centers on Assets</td>
<td>29</td>
</tr>
<tr>
<td>8. Netting Off Customer and Vendor Items</td>
<td>31</td>
</tr>
<tr>
<td>9. Deriving Segments</td>
<td>33</td>
</tr>
<tr>
<td>10. Defining Currency Types</td>
<td>35</td>
</tr>
<tr>
<td>11. Creating Trading Partners</td>
<td>38</td>
</tr>
<tr>
<td><strong>PART 2 Transaction Processing</strong></td>
<td></td>
</tr>
<tr>
<td>12. Clearing Customer Invoices</td>
<td>43</td>
</tr>
<tr>
<td>13. Reversing a Reversal Document</td>
<td>45</td>
</tr>
<tr>
<td>14. Defining Ledger Groups</td>
<td>47</td>
</tr>
<tr>
<td>15. Recording Advance Payments</td>
<td>49</td>
</tr>
<tr>
<td>16. Payment Run Free Selection</td>
<td>52</td>
</tr>
<tr>
<td>17. Using Enjoy Transactions versus Complex Postings</td>
<td>54</td>
</tr>
<tr>
<td>18. Deriving Profit Centers from Customer or Vendor Transfers</td>
<td>57</td>
</tr>
<tr>
<td>19. Posting Fast Invoice Entry for MIRO</td>
<td>61</td>
</tr>
<tr>
<td>20. Manually Clearing Multiple Accounts</td>
<td>63</td>
</tr>
<tr>
<td>21. Posting to Special Periods</td>
<td>65</td>
</tr>
<tr>
<td><strong>PART 3 Display</strong></td>
<td></td>
</tr>
<tr>
<td>22. Displaying Parallel Currencies</td>
<td>69</td>
</tr>
<tr>
<td>23. Downloading to Excel</td>
<td>71</td>
</tr>
<tr>
<td>24. Sorting the Payment Run Output List</td>
<td>74</td>
</tr>
<tr>
<td>25. Using the Document Display Editing Options</td>
<td>76</td>
</tr>
<tr>
<td>26. Resetting Cleared Items en Masse</td>
<td>78</td>
</tr>
<tr>
<td>27. Eliminating Check Printing Overflow</td>
<td>81</td>
</tr>
<tr>
<td>Page</td>
<td>Section</td>
</tr>
<tr>
<td>------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>28</td>
<td>Specifying Period Texts</td>
</tr>
<tr>
<td>29</td>
<td>Defining Special Fields</td>
</tr>
<tr>
<td>30</td>
<td>Adding Fields to the Mass Change Option</td>
</tr>
<tr>
<td>31</td>
<td>Maintaining Worklists for FI Data</td>
</tr>
<tr>
<td></td>
<td>PART 4 Data Analysis</td>
</tr>
<tr>
<td>32</td>
<td>Deriving the Assignment Number</td>
</tr>
<tr>
<td>33</td>
<td>Maintaining the GR/IR Account</td>
</tr>
<tr>
<td>34</td>
<td>Finding an FI Document</td>
</tr>
<tr>
<td>35</td>
<td>Displaying Number Range Gaps</td>
</tr>
<tr>
<td>36</td>
<td>Account Determination Analysis</td>
</tr>
<tr>
<td>37</td>
<td>How to Interpret Subcontracting Account Postings</td>
</tr>
<tr>
<td>38</td>
<td>Analyzing the LIV Document List</td>
</tr>
<tr>
<td>39</td>
<td>Correcting Billing Documents with Errors</td>
</tr>
<tr>
<td>40</td>
<td>Reconciling the General Ledger with the Asset Subledger</td>
</tr>
<tr>
<td></td>
<td>PART 5 Account Assignment</td>
</tr>
<tr>
<td>41</td>
<td>Assigning Alternative Reconciliation Accounts</td>
</tr>
<tr>
<td>42</td>
<td>Determining Revenue Accounts</td>
</tr>
<tr>
<td>43</td>
<td>Setting Up Revenue Recognition Accounts</td>
</tr>
<tr>
<td>44</td>
<td>Setting Up Material Ledger Account Determination</td>
</tr>
<tr>
<td>45</td>
<td>Setting Up Document Splitting</td>
</tr>
<tr>
<td>46</td>
<td>Performing Foreign Currency Valuation</td>
</tr>
<tr>
<td>47</td>
<td>Specifying Third-Party Orders Account Assignment</td>
</tr>
<tr>
<td>48</td>
<td>Using the Debit/Credit Shift Setting</td>
</tr>
<tr>
<td>49</td>
<td>Setting Up Travel Management Account Determination</td>
</tr>
<tr>
<td></td>
<td>PART 6 Environment</td>
</tr>
<tr>
<td>50</td>
<td>Establishing Default Settings for Enjoy Transactions</td>
</tr>
<tr>
<td>51</td>
<td>Customizing Fields with Accounting Editing Options</td>
</tr>
<tr>
<td>52</td>
<td>Displaying LIV and Finance Document Numbers</td>
</tr>
<tr>
<td>53</td>
<td>Mass Change for Fixed Assets</td>
</tr>
<tr>
<td>54</td>
<td>Modifying Message Control Settings</td>
</tr>
<tr>
<td>55</td>
<td>Maintaining Text Determination Configuration</td>
</tr>
<tr>
<td>56</td>
<td>Activating Barcode Entry for Non-PO Invoices</td>
</tr>
<tr>
<td>57</td>
<td>Activating Barcode Entry for PO Invoices</td>
</tr>
<tr>
<td>58</td>
<td>Defining Payment Groupings</td>
</tr>
<tr>
<td>59</td>
<td>Setting Up Payment Tolerance Groups</td>
</tr>
</tbody>
</table>
## Contents

### PART 7  Integration

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>60  Aligning FI and Logistics Document Numbers</td>
<td>181</td>
</tr>
<tr>
<td>61  Aligning FI and Billing Document Numbers</td>
<td>185</td>
</tr>
<tr>
<td>62  Accruing Freight on Sales Orders</td>
<td>188</td>
</tr>
<tr>
<td>63  Handling Planned Delivery Costs</td>
<td>193</td>
</tr>
<tr>
<td>64  Handling Unplanned Delivery Costs</td>
<td>197</td>
</tr>
<tr>
<td>65  Creating Statistical Cost Elements</td>
<td>200</td>
</tr>
<tr>
<td>66  Configuring Production Settlement Accounts</td>
<td>204</td>
</tr>
<tr>
<td>67  Posting to a General Ledger Account and a Material in MIRO</td>
<td>206</td>
</tr>
<tr>
<td>68  Referencing Sales Document Numbers</td>
<td>209</td>
</tr>
<tr>
<td>69  Assigning Accounts for Non-Stock PO Items</td>
<td>212</td>
</tr>
<tr>
<td>70  Setting Up a Goods-in-Transit Account</td>
<td>215</td>
</tr>
</tbody>
</table>

### PART 8  Reporting

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>71  Adding Fields to Fixed Asset Reports</td>
<td>221</td>
</tr>
<tr>
<td>72  Adding Fields to Customer/Vendor Address Lists</td>
<td>223</td>
</tr>
<tr>
<td>73  Improving the Format of Aging Reports</td>
<td>226</td>
</tr>
<tr>
<td>74  Financial Statements by Functional Areas</td>
<td>229</td>
</tr>
<tr>
<td>75  Report on Vendors and Customers with No Activity</td>
<td>233</td>
</tr>
<tr>
<td>76  Display Offsetting Account for FI Documents</td>
<td>236</td>
</tr>
<tr>
<td>77  Creating Report Painter Reports for SAP General Ledger</td>
<td>239</td>
</tr>
<tr>
<td>78  Creating Drill-Down Reports</td>
<td>242</td>
</tr>
<tr>
<td>79  Using Drill-Down Reports</td>
<td>245</td>
</tr>
<tr>
<td>80  Quick Access to FI Reports</td>
<td>249</td>
</tr>
</tbody>
</table>

### PART 9  Data Update

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>81  Enabling Line Item Display for General Ledger Accounts</td>
<td>255</td>
</tr>
<tr>
<td>82  Enabling Open Item Management for General Ledger Accounts</td>
<td>257</td>
</tr>
<tr>
<td>83  Deleting Financial Accounting Master Data</td>
<td>260</td>
</tr>
<tr>
<td>84  Deleting Financial Accounting Transactional Data</td>
<td>263</td>
</tr>
<tr>
<td>85  Deleting Fixed Assets Data</td>
<td>266</td>
</tr>
<tr>
<td>86  Deleting Bank Statements that Have Been Posted</td>
<td>268</td>
</tr>
<tr>
<td>87  Update Withholding Tax Postings Retroactively</td>
<td>271</td>
</tr>
<tr>
<td>88  Populating the Check Number in a Payment Document</td>
<td>274</td>
</tr>
<tr>
<td>89  Handling Check Assignment Errors</td>
<td>276</td>
</tr>
<tr>
<td>90  Transfering CO Planning Documents to SAP General Ledger</td>
<td>279</td>
</tr>
</tbody>
</table>

### PART 10 Technical

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>91  Configuring Transaction Variant for FI Enjoy Transactions</td>
<td>285</td>
</tr>
<tr>
<td>92  Designing Screen Layout for Transaction MIRO</td>
<td>287</td>
</tr>
<tr>
<td>93  Making Financial Statement Version Modifiable in Production Client</td>
<td>290</td>
</tr>
<tr>
<td>Page</td>
<td>Section</td>
</tr>
<tr>
<td>------</td>
<td>---------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>94</td>
<td>Maintaining Selection Variables in Variants</td>
</tr>
<tr>
<td>95</td>
<td>Creating Transaction Codes for Report Painter Reports</td>
</tr>
<tr>
<td>96</td>
<td>Creating Transaction Codes for SAP Query Reports</td>
</tr>
<tr>
<td>97</td>
<td>Scheduling Materials Management Period Close</td>
</tr>
<tr>
<td>98</td>
<td>Maintaining Custom Reports in an Area Menu</td>
</tr>
<tr>
<td>99</td>
<td>Validating Account and Cost Center Combinations</td>
</tr>
<tr>
<td>100</td>
<td>Scheduling Payment Program Automatically</td>
</tr>
</tbody>
</table>

Glossary                                                                 | 317  |
Additional Resources                                                   | 331  |
The Author                                                              | 333  |
Index                                                                   | 335  |
This book is one of the first of a new series based on 100 ideas for various SAP software components. It is designed to make reading and understanding SAP ERP more interesting and accessible for your day-to-day work. You can flip through this book and search for ideas on each page to see if any of the 100 topics catches your attention. If so, you can read through the concept or tip in a matter of minutes and decide whether you’d like to research the topic further.

The Financial Accounting component in SAP ERP (also known as the FI component) delivers complete, integrated financial management software to ensure compliance and predictability of business performance. It is an essential building block of your enterprise business strategy—providing a solid foundation to expand your business, realize greater efficiencies across key processes, and ensure compliant and accurate accounting and financial reporting. It consists of the submodules General Ledger Accounting, Accounts Receivable, Accounts Payable, Bank Accounting, Fixed Assets, and Travel Management.

Each tip in this book aims to replicate a scenario where a skilled SAP expert is by your side, demonstrating how to best and most efficiently accomplish a task. It assumes a basic knowledge of functionality in the FI component (or the ability and access to find this information) on the part of the user. The information provided in this book is not readily available on the Internet. Rather, it represents lessons that I have learned from my more than 13 years of experience in the different FI components with clients, both large and small, across a number of industries in several countries, as well as valuable “nuggets” provided to me by other experienced FI consultants, for which I am grateful.

This book is broken down into 10 parts, each representing a processing function, rather than division by FI submodule, because there are several ideas that can apply to multiple submodules. This book does not claim to be an exhaustive account of all you need to know to use the FI component of SAP ERP. Rather, I have tried to include problem-solving tips and tricks for areas that are less than well covered in the available literature. As its end goal, this book aims to become an indispensable companion for those trying to navigate the FI component in an efficient, user-friendly way. Let’s quickly discuss the different parts of this book.
Part 1, *Master Data*, provides useful tips on how to easily maintain and control master data objects, such as with the hierarchical maintenance of general ledger accounts and sensitive fields in the customer and vendor master to monitor and approve any changes.

Part 2, *Transaction Processing*, provides tips on quicker ways to perform Financial Accounting transactions, such as matching incoming payments to invoices by the number of days overdue and reversing a reversal document without having to repost all of the items.

Parts 3 and 4, *Display* and *Data Analysis*, give you ideas on how to access data from the system in specific formats, lists, and output types by making certain settings in the system. For example, you are shown how to maintain default settings for how reports are downloaded to Microsoft Excel; you also learn how to create a sort key to arrange your item display lists according to specific fields.

Parts 5, 6, and 7, *Account Assignment*, *Environment*, and *Integration*, focus more on the system configuration settings that determine how you are able to post to accounts automatically, where user entry defaults are maintained, and how data from other components flows seamlessly into the Financial Accounting component. For example, you will learn the setting needed to display the financial and logistics documents in a purchasing invoice posting, how to set up alternative reconciliation accounts for customers and vendors, and how to handle delivery costs on purchase orders.

Part 8, *Reporting*, describes different ways of customizing and accessing reports in the system to meet specific needs, such as how to add extra fields to certain standard customer, vendor, and fixed asset reports and how to create and use drilldown reports.

And finally, Parts 9 and 10, *Data Update* and *Technical*, provide tips on how and where to use various programs and transactions that are more technical in nature (which may sometimes require the assistance of an ABAP or Basis expert) to update, modify, or delete certain data from the database or to access certain screen functionality. For example, you will learn how to delete finance master data from the system and to configure screen variants for Financial Accounting and Logistics Invoice Verification transactions.

For more information on Financial Accounting with SAP, visit [www.sap-press.com](http://www.sap-press.com), where you can find further reading material in this area.
Easily Maintaining General Ledger Accounts

You can maintain multiple general ledger accounts by using the hierarchical display setting.

Creating and maintaining a general ledger account is usually done by first accessing Transaction FS00. This method is fine if you are creating or maintaining a single account and you have all of the relevant data you need to find the account, such as the account number range, company code data, and descriptions. However, if you want to have quick access to multiple accounts during maintenance in order to easily scan through similar accounts that you want to copy from, then your best option is to use the HIERARCHY DISPLAY functionality.

And Here’s How...

You can access the HIERARCHY DISPLAY setting by going to Transaction FS00 (General Ledger Account Master Data) and selecting the menu option SETTINGS • HIERARCHY DISPLAY.

You will see a dialog box asking whether you want to display the accounts in a navigation tree or not. Choose to display the accounts in a navigation tree, and restart the transaction. You can exit the current transaction, restart it, or type “Transaction /nFS00” in the command field to access the screen, as shown in Figure 1.
**Tip 1**  Easily Maintaining General Ledger Accounts

![Hierarchical Display of General Ledger Account Master](image)

The folders that are displayed in the left part of the screen represent the account groups that the general ledger accounts belong to. You use the account groups to control the number range intervals of the accounts per chart of account. The account groups also control the field statuses (suppressed, optional, required, or displayed) of the fields that are available in the account master record. You can click on the triangle icons beside the account group folders to view the general ledger accounts that exist in those groups.

The right part of the screen is the traditional Master Data Maintenance screen for a general ledger account. By double-clicking on an account on the left part of the screen, you can maintain or display the details of the account on the right part of the screen. You can use the icons shown at the top of the screen to quickly access the functionality for maintaining the accounts. If you want to create a new account in a particular number range, you can easily check the hierarchy to see what the next available number is. You can then select the account that you want to copy from, click on the copy icon, and enter the account number you want to create.

By using the **Find** icon, you can search for an account's number or description in a company code. This is useful when you are creating an account that may already exist as a different number. By putting all or part of the description in the search field, you will find out if there is a similar account in the same or a different account range. The **Block** and **Mark for Deletion** icons are available here, as they are with the normal maintenance view. However, it is easier to scan through several accounts with the hierarchical view and check or maintain the block and deletion settings.

Last, you can easily change the view from one company code to another by clicking on the **Change Company Code** icon.
Tip 36

Account Determination Analysis

You can use the Account Detective to find where accounts have been automatically assigned.

There has never been an easy way to find out where an account has been assigned without going into several configuration transactions. However, SAP recently delivered the Account Detective Report (available with SAP ERP 6.0), which changed all that.

This new report lists all of the accounts in a company code or chart of accounts, along with their master data settings, and gives you the option of finding out where they have been assigned. Let’s explore this report and learn how to access it.

✔ And Here’s How...

To access the Account Detective Report, go to Transaction S_ALR_87101048, which takes you to the screen shown in Figure 1.
If you want to analyze the accounts in just one company code, then enter the company code and check the **ONLY ACCOUNTS IN THE COMPANY CODE** box. Then enter the relevant controlling area and chart of accounts. You can only enter one chart of accounts because most account determination tables are populated on a chart of accounts basis.

Figure 2 shows how the report is displayed when you click on the **Execute** button. If you do not select any of the options in the **ACCOUNT DETERMINATION ANALYSIS** section, you will see a list of the accounts that you selected and their respective settings in the general ledger master record. This list is useful if all you want to do is analyze, for example, the number of accounts that are open item managed, available for line item display, or automatically posted to.

If you select any of the **ACCOUNT DETERMINATION ANALYSIS** checkboxes, you will see the list of master data settings as the header line and the tables (such as T095 and CSKB) where the accounts have been assigned in the item lines.

<table>
<thead>
<tr>
<th>G/L acct</th>
<th>Name</th>
<th>B/N acct AT ReSp</th>
<th>Grey</th>
</tr>
</thead>
<tbody>
<tr>
<td>1900</td>
<td>Land</td>
<td>X</td>
<td>ANL, USD</td>
</tr>
<tr>
<td></td>
<td>CSKB</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>T095</td>
<td>81</td>
<td>00610350</td>
</tr>
<tr>
<td>1010</td>
<td>Accumulated depr</td>
<td>X</td>
<td>ANL, USD</td>
</tr>
<tr>
<td></td>
<td>CSKB</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>T095</td>
<td>81</td>
<td>00610350</td>
</tr>
<tr>
<td>2000</td>
<td>Buildings</td>
<td>X</td>
<td>ANL, USD</td>
</tr>
<tr>
<td></td>
<td>CSKB</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>T095</td>
<td>81</td>
<td>00610350</td>
</tr>
<tr>
<td>2010</td>
<td>Accumulated depr</td>
<td>X</td>
<td>ANL, USD</td>
</tr>
<tr>
<td></td>
<td>CSKB</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Figure 2 Display Account Determination

You can see in Figure 2 that account 00010000 is assigned to tables T095 and T095B (these are the tables for asset account determination) and to table CSKB (this is the Cost Elements table), where it is assigned to a cost element category of 90.
Improving the Format of Aging Reports

You can display the standard aging reports in a much more user-friendly format by changing your system settings.

SAP ERP has always come with predelivered customer and vendor aging reports (the reports that classify the open items of vendors and customers according to the number of days they are overdue in different intervals such as 1-30, 31-60, 61-90, etc.).

There is, however, a lot of confusion about which reports should be used for aging purposes (none of the reports has the word aging in them) and how to improve the format of these reports for better usability. In this little-known tip, we will focus on how to improve the aging reports for customers.

And Here’s How...

To access the customer aging report, go to Transaction S_ALR_87012176 or use the following menu path:

ACCOUNTING • FINANCIAL ACCOUNTING • ACCOUNTS RECEIVABLE • INFORMATION SYSTEM • REPORTS FOR ACCOUNTS RECEIVABLE ACCOUNTING • CUSTOMER ITEMS • CUSTOMER EVALUATION WITH OI SORTED LIST

Enter the intervals you want to display in the DUE DATE SORTED LIST section of the report, as shown in Figure 1.
When you execute this report, you will see the relevant information of your customers' items in the intervals (for example 30, 60, 90, 120) that you specify in the DUE SORTED LIST part of the selection screen.

The problem with this report is that the format is not very user-friendly and cannot easily be downloaded. The system displays an address block for each customer, as shown in Figure 2.

To make this report more user-friendly and convert it into an ABAP List Viewer (ALV) format, click on the Start button on your computer desktop. Go to the Control Panel, and double-click on the SAP Configuration icon. Now go to the Design Selection tab, select the Use Classic Design radio button, and select the Use Accessibility Mode checkbox, as shown in Figure 3.

Now you can save the settings shown in the screenshot in your computer. Note that depending on the version of Windows or Macintosh that you are using, the options you can select may be slightly different. In this example, we are using Windows XP.

You need to log off and then back on to the SAP system for the changes to take effect. When you do, you can go back to Transaction S_ALR_87012176 and execute the report to see the layout shown in Figure 4.
Tip 73  Improving the Format of Aging Reports

<table>
<thead>
<tr>
<th>CoC</th>
<th>Customer</th>
<th>Address (1)</th>
<th>Address (2)</th>
<th>City</th>
<th>Total balance in LCU</th>
<th>To $</th>
<th>1 - 30</th>
<th>From 31 To 60</th>
<th>From 61 To 90</th>
<th>From 91 To 120</th>
<th>From 121</th>
</tr>
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<tbody>
<tr>
<td>1000</td>
<td>255</td>
<td>Emma Del</td>
<td>DENVER CO 80214</td>
<td>US</td>
<td>2,207.00</td>
<td>2,207</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1000</td>
<td>257</td>
<td>John Evans</td>
<td>NEDERLAND CO 804</td>
<td>US</td>
<td>2,190.00</td>
<td>2,190</td>
<td></td>
<td></td>
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Figure 4 Customer Report with New Layout

This list shows a much better display than the one using the standard settings. You can perform the usual ALV functions (which you can’t do in the standard report) such as sort, filter subtotal, and download to Excel. You can double-click on each line to see the details that make up the amount, which is not possible with the standard report.

For certain versions of Windows, you may find that the next time you log off and on to your computer, your SAP screen has the older “classic” format. If this is the case, deselect the settings that you made in this tip, and only reset them when you need to display the aging reports.
Index

A

ABAP List Viewer, 227
ABAP programming, 296
Accesses, 189
Access sequence, 188
Account assignments, 62
categories, 136, 214
template, 55
Account Detective, 104
Account determination, 104, 120
Account ID, 268, 274, 278
Accounting block, 111
Accounting clerk, 74
Accounting document, 100, 152
type, 183
Accounting editing options, 148
Accounting information accounting, 271
Accounting interface, 111
Accounting number range, 182
Accounting principles, 47, 134, 135
Accounting texts, 164
Account key, 107, 189, 194, 216
Account management, 255
Account master record, 18
Account modification, 214
Account number, 247, 264
Accounts not assigned, 246
Accounts with no purchases, 234
Account type, 64
Accrual condition, 216
Accrual key, 193
ACH, 313
Acquisition and production costs, 30
Activate worklist, 90
Actual costs, 202
Actual line items, 203
Address block, 227
Adopt column sequence, 288
Adopt report descriptions, 307
Advance payments, 49
Aging reports, 226

Alternative reconciliation accounts, 117
ALV data, 72
ALV_GUI, 73
ALV reports, 96
Application, 270
area, 159, 290
tree, 249
tree reports, 251
Archivelink, 169
Archiving program, 260
Area menu, 305
Asset class, 212, 221
Asset history, 113
Asset master, 201
record, 29
Asset reconciliation accounts, 27
Assets, 139
Asset subledger, 112
Asset value fields, 113
Assign default values, 286
Assign G/L accounts, 122
Assignment field, 97, 172, 217, 274
Assignment number, 95, 209
field, 93
Assignment to payment, 277
Authorization level, 72
Authorization profile, 26
Automatic clearing, 95, 97, 218
Automatic payment program, 313
Automatic search, 44
Availability control, 202
Available characteristics, 240

B

Background job, 62, 275, 293, 302
Balance display, 70, 84, 256
Balance report, 84
Balance sheet, 188
account, 28, 33, 200, 202, 215
Bank account number, 24, 270
Bank accounts, 21
Bank key, 23, 75, 270
Bank statement, 268
Bank transfer, 313
Barcode, 165, 168
   number, 168
Basic data, 285
Basic set, 309
Basis team, 298
Batch input session, 20, 161
Batch session, 20
Billing document, 110, 210, 215
   numbers, 185
Billing type, 186
Bill of materials, 106
Bills of exchange, 74, 101
Blank tolerance group, 175
Block in company code, 256
Buffer settings, 102
Business Add-In, 34, 198
Business partners, 31
Business transactions, 129

C
Calculation schema, 193
Cancel invoice document, 151
Carryforward, 263
Cash discount, 176
Category reference, 213
Central texts, 162
Change asset, 157
Change layout, 86, 222
Chart of accounts, 19, 104, 127, 237, 290
Check assignment, 276
Check balance, 277
Check document archive, 103
Check form, 81
Check lot, 278
Check number, 81, 274
Check printing, 81
Checks, 313
Check status, 278
Choose layout, 269
Choose open items, 59, 64
Chronological FI number ranges, 185
Chronology, 94
Classic General Ledger, 85
Clearing differences, 174
Clearing documents, 78
Company code, 30, 245, 278
   currency, 35, 135, 247
   data, 164
Complex posting, 46, 54, 56
Condition record, 191
Conditions tables, 120
Condition type, 189, 216
Configuration object, 290
Confirm screen entries, 286
Consignment, 22
Contra items, 139
Control data, 125, 177
Control data tab, 113, 255, 257
Controlling area, 30, 105
Controlling component, 205
Controlling objects, 200
Controlling Profitability Analysis, 190, 245
Control Panel, 227
Conversion cost, 107
CO planning documents, 279
Copy control, 209
Cost center, 29, 204, 214, 231
   category, 231
Cost element, 19
   categories, 19, 202, 327
Costing-based profitability analysis, 232
Cost objects, 232, 309
Cost of sales, 216
   accounting, 229
   scenario, 229
Create billing document, 119
Creation date, 275
Credit memo, 54, 146
Credit posting, 177
Cross application components, 160
Cross-client table, 86
Currencies, 91
Currencies and valuation methods, 126
Currency pair, 92
Currency tables, 247
Currency type, 35, 245
Current number, 187
Customer address list, 223
Customer balances, 235
Customer business report, 233
Customer clearing, 32
Customer evaluation, 226
Customer master, 39
Customer payments, 43
Custom matchcodes, 265
Custom reports, 305
Custom transaction code, 225, 244

D
Data analysis, 93
Data entry view, 77
Data load, 266
Date specifications, 314
Debit/credit shift, 138
Debit posting, 177
Default document type, 186
Default profit center, 58
Default values, 223, 296, 300
Deferred revenue account, 124
Define initial position, 250
Deletion depth, 261
Deletion program, 268
Deletion quantity selection, 261
Delivery accounts, 99
Delivery costs, 197
Delivery document, 209
Depreciation area, 113
Design selection, 227
Destination library, 240
Details on selected procedure, 272
Development package, 305
Difference postings, 44
Distribute by age, 43
Doc type option, 146
Document display, 76
Document entry, 149
Document header, 50, 187
Document list, 100
Document number, 45, 256, 259
Document number range, 181
gaps, 94
Document overview, 46, 64, 248
Document splitting, 34, 129
Document type, 100, 145, 168, 209
Down payment, 49
request, 49, 101
Drill-down reports, 242, 245
Drop-shipment orders, 136
Due date sorted list, 226
Dunning data, 87
Dunning programs, 31
Dynamic date calculation, 303
Dynamic selections, 101
Dynamic variable, 304, 315

E
EDI, 110
Editing options, 66, 76, 90
Effective date, 258
Enhancements, 225
Enjoy Transaction, 46, 54, 145, 150, 285
Entry view, 59
ERS, 99
Evaluated receipt settlement, 22, 151
Excel download, 71
Exchange rate, 89, 134
type, 36
types, 91
Expense account, 192
Expense type, 141
Expert mode, 311
Extended withholding tax, 272
External parties, 145

F
Fast invoice entry, 61
Favorable variance, 205
Field catalog, 120
Field mapping, 79
Fields folder, 122
Field status, 34
Finance document numbers, 151
Finance master data, 260
Financial accounting global settings, 230
<table>
<thead>
<tr>
<th>Financial line item display reports, 94</th>
</tr>
</thead>
<tbody>
<tr>
<td>Financial periods, 83</td>
</tr>
<tr>
<td>Financial statement, 229</td>
</tr>
<tr>
<td>version, 138, 246, 290</td>
</tr>
<tr>
<td>Finished product, 107</td>
</tr>
<tr>
<td>FI number ranges, 185</td>
</tr>
<tr>
<td>Fiscal year, 65, 102, 159</td>
</tr>
<tr>
<td>variant, 65, 83</td>
</tr>
<tr>
<td>Fixed asset, 200, 221</td>
</tr>
<tr>
<td>balance sheet accounts, 201</td>
</tr>
<tr>
<td>conversions, 266</td>
</tr>
<tr>
<td>data, 266</td>
</tr>
<tr>
<td>Flow logic, 88</td>
</tr>
<tr>
<td>Foreign currency valuation, 134</td>
</tr>
<tr>
<td>Form, 242</td>
</tr>
<tr>
<td>data, 75</td>
</tr>
<tr>
<td>type, 242</td>
</tr>
<tr>
<td>Free selection, 52</td>
</tr>
<tr>
<td>Freight accrual, 188, 192</td>
</tr>
<tr>
<td>account, 107</td>
</tr>
<tr>
<td>Freight costs, 188</td>
</tr>
<tr>
<td>Freight invoice, 195</td>
</tr>
<tr>
<td>Freight terms, 188</td>
</tr>
<tr>
<td>Freight vendor, 196</td>
</tr>
<tr>
<td>Fully delivered, 205</td>
</tr>
<tr>
<td>Functional area, 229, 239, 242</td>
</tr>
<tr>
<td>Function group, 87</td>
</tr>
<tr>
<td>Further selections, 234</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Global area, 224, 236</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global area query, 306</td>
</tr>
<tr>
<td>Goods-in-transit, 215</td>
</tr>
<tr>
<td>Goods receipt, 97, 174, 195</td>
</tr>
<tr>
<td>Goods receipt/invoice receipt, 217</td>
</tr>
<tr>
<td>GR/IR account, 97</td>
</tr>
<tr>
<td>GR/IR clearing account, 99</td>
</tr>
<tr>
<td>GR/IR maintenance, 98</td>
</tr>
<tr>
<td>Group currency, 35, 70, 135</td>
</tr>
<tr>
<td>Grouping key, 171</td>
</tr>
<tr>
<td>Group valutation, 135</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>H</th>
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<tbody>
<tr>
<td>Hard currency, 35</td>
</tr>
<tr>
<td>Header item, 211</td>
</tr>
<tr>
<td>Held documents, 55</td>
</tr>
<tr>
<td>Hide buttons, 285</td>
</tr>
<tr>
<td>Hierarchy display, 17</td>
</tr>
<tr>
<td>Historical data, 258</td>
</tr>
<tr>
<td>House bank, 268, 274, 278</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBAN, 23</td>
</tr>
<tr>
<td>IBAN converter, 24</td>
</tr>
<tr>
<td>Incoming invoice, 54, 206</td>
</tr>
<tr>
<td>Industry key, 224</td>
</tr>
<tr>
<td>Info record, 106</td>
</tr>
<tr>
<td>Infoset, 299</td>
</tr>
<tr>
<td>Integrated planning, 279</td>
</tr>
<tr>
<td>Intercompany transactions, 145</td>
</tr>
<tr>
<td>Internal order budgeting, 200</td>
</tr>
<tr>
<td>Internal orders, 232</td>
</tr>
<tr>
<td>International Accounting Standards, 135</td>
</tr>
<tr>
<td>Inventory account, 107, 215</td>
</tr>
<tr>
<td>Inventory posting, 137</td>
</tr>
<tr>
<td>Investment order, 201</td>
</tr>
<tr>
<td>Invoice, 146</td>
</tr>
<tr>
<td>items, 198</td>
</tr>
<tr>
<td>receipt, 98, 174</td>
</tr>
<tr>
<td>Invoicing party, 199</td>
</tr>
<tr>
<td>Item condition, 189</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>General data, 224</td>
</tr>
<tr>
<td>General data view, 272</td>
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<td>General Ledger, 17, 176, 317</td>
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<td>account, 117, 206</td>
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<tr>
<td>account posting, 209</td>
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<tr>
<td>analysis, 237</td>
</tr>
<tr>
<td>library, 241</td>
</tr>
<tr>
<td>master, 255</td>
</tr>
<tr>
<td>General Ledger view, 59, 77</td>
</tr>
<tr>
<td>Generally Accepted Accounting Principles, 135</td>
</tr>
<tr>
<td>General modification, 127, 137, 214, 216</td>
</tr>
<tr>
<td>General selections, 246, 275</td>
</tr>
</tbody>
</table>
Index

J
Job name, 303
Journal entry, 100

L
Leading ledger, 47, 229
Ledger, 33, 48
group, 47, 135
Legal valuation, 135
Liabilities, 139
Library, 239
Line item, 207, 211, 248
display, 32, 215, 255
display reports, 85
display screens, 87
indicator, 257
planning, 280
Line items only, 267
Local currency, 70, 175
Logistics invoice verification, 61, 108, 119,
151, 174, 181, 206
transaction, 287
LSMW, 78

M
Maintain item lists variants, 287
Maintain message, 311
Manual checks, 276
Manual clearing, 63
Manual entry, 231
Manual payments, 276
Marked for deletion, 261
Mass change, 87, 154
Mass change setting, 28
Mass reset, 78
Master data, 18
Master records, 178
Material, 204, 206
Material groups, 212
Material ledger, 126
Material number, 207
Materials management, 137
period close, 302
Message bar, 159
Message control, 160
settings, 159
Message number, 159, 290, 291, 312
Message type, 312
Message variables, 312
Microsoft Word, 163
Migration, 27
MIRO, 287
Moving average price, 208
MRP2 view, 106
Multilevel price determination, 126, 127
Multiple dimensions, 242

N
Naming the worklist, 157
Navigation tree, 17
New General Ledger, 240
New installation, 264
Noncalendar fiscal years, 83
Non-leading ledgers, 48
Non-stock items, 212
Normal periods, 65
Noted items, 49, 101
Number assignments, 182
Number range, 53
gaps, 102
interval, 186
interval, 183
number, 182
Number status, 182

O
Object attributes, 79
Objects for selection screen, 303
Object type, 169
Offset, 222
Offset accounts, 107
Offset field, 75
Offsetting account, 55, 124, 236
  type, 237
Offsetting General Ledger accounts, 147
One-time account, 109
Online Services System, 123
Open item clearing, 175
  transaction, 91
Open item management, 215, 257
Open item processing, 90
Open items, 32, 149, 171
  index, 256
Original document, 153
Other user group, 236
Outgoing invoices, 54
Output control, 82, 234
Output forms, 273
Output list, 264
Overdraft account, 138
Overhead Cost Controlling, 279

P
  Parallel accounting, 135
  Parallel currencies, 69
  Parallel ledgers, 47
  Parameter, 294
  Parameter ID, 150, 152
  Parameters, 150, 151
  Parameter transaction, 297, 299
  Parameter value, 150, 152
  Park incoming invoice, 151
  Parking, 149
  Park vendor invoice, 286
  Partner bank types, 21
  Paying company code, 274
  Payment advice notes, 74
  Payment data, 87
  Payment document, 274
  Payment groupings, 171
  Payment methods, 74
  Payment program, 74, 81, 313
  Payment proposal, 52
  Payment run, 26, 31, 32, 313
  Payment term field, 87
  Payment transactions, 178
  Payment transactions accounting, 172
  Payment with printout, 82
  Perform reporting, 258
  Period-based, 229
  Period end, 99, 204
    closing, 111, 205
  Periodic job, 303
  Period texts, 83
  Period values, 303
  Permitted payment differences, 175
  Planned delivery costs, 193, 197
  Plan versions, 279
  Post goods issue, 217
  Posting date, 66, 293, 294
  Posting key, 34, 46, 145, 146
  Post with clearing, 58
  Prerequisite, 155
  Price variance, 107
    account, 208
  Pricing procedure, 190, 217
  Print checks, 81
  Processing options, 264, 281
  Process open items, 59, 64
  Production client, 290
  Production system, 263
  Production variance account, 204
  Productive checkbox, 262
  Productive startup, 260
  Profitability segment, 204
  Profit and loss accounts, 19, 200
  Profit center, 30, 57, 239, 245
    master, 34
    scenario, 33
  Program control section, 261
  Program selections, 237
  Program short dumps, 102
  Proposal run, 314
  Provision account, 124
  Purchase account management, 194
  Purchase order, 61, 193, 206
  Purchase organizations, 194
  Purchasing and Sales and Asset Accounting, 94
  Purchasing info record, 195
  Purchasing invoice documents, 109
  Purchasing invoices, 22
Quantity variances, 98
Query area, 224, 236

Raw material, 107
Receivables account, 124
Receiving object, 204
Reconciliation account, 57, 113
Reconciliation General Ledger account, 238
Reference number, 77
Reference Number field, 211
Regenerate credit limits, 265
Release to accounting, 110, 111
Remittance advice, 185
Report group, 241, 296, 298
Report Painter reports, 296
Report selections, 246
Report type, 243
Report Writer, 298
Representative ledger, 48
Reprint check, 82
Reset initial position, 250
Results analysis category, 205
Revenue account, 124
determination, 120, 189
Revenue recognition, 123
Reversal document, 46
Reverse posting, 45

Sales and Distribution, 120, 123, 185
Sales document, 192
item category, 123
numbers, 209
Sales order, 96, 191, 209
Sales organization, 189
SAP Configuration icon, 227
SAP General Ledger, 134, 239, 263
SAP List Viewer, 237
SAP menu tree, 305
SAP Query, 224, 236
reports, 299
Schedule line category, 137
Screen fields, 296, 299
Screen layout, 287
Screen number, 286
Screen Painter, 88
Screen variant, 55, 288
Secondary cost elements, 202
Segment, 33, 242
scenario, 33
Selection, 294
criteria, 264, 275
type, 294
variable, 293
Sensitive fields, 25
Set focus, 250
Settlements, 204
Short key, 269
Short text, 286
Single-level price determination, 127
Single value, 234
Skip initial screen, 297, 300
Sort key, 94, 95, 218, 275
Sort levels, 222
Sort variants, 74
Sort versions, 221
Source code, 88
Source currency, 36
Source document, 248
Source fields, 79
Source library, 240
Source structures, 79
Special fields, 85
Special General Ledger indicator, 49
Special General Ledger transactions, 64
Special periods, 65, 84, 234
Spreadsheet format, 71
Standard price, 208
Standard reports, 242
Standards, 47
Start menu, 307
START_REPORT, 297, 300
Statement number, 268
Statistical cost elements, 200
Statistical order, 200
Step list overview, 304
Structure relations, 79, 80
Subcontracting, 106
Subledgers, 27
Submodules, 249
Subsequent debit, 198
Substitution, 231
  method, 155
  rule, 154
Summary levels, 114
Suppress fields, 286
Symbolic account, 141
Synchronize accounting document, 185
Synchronize logistics document, 181
System message, 159

T
Target field selection, 275
Tax code, 271
Tax identification numbers, 25
Tax number, 272
Tax report, 249
Technical information, 296
Technically complete, 205
Technical names, 250
Technical tasks, 284
Text determination configuration, 162
Text IDs, 162
Text tab-delimited format, 80
Third-party orders, 136
Three-dimensional reporting, 245
Time dependent, 29
Tolerance limit, 175, 202
Tolerance percentage, 99
Trading partner, 38
Transactional data, 263
Transaction code, 285, 296, 299
Transaction code for reports, 306
Transaction key, 127, 198
Transaction variants, 285, 287
Transfer posting, 57
Translation date, 36
Translation key, 247
Travel advance accounts, 141
Travel expenses, 140
Travel management account determination,
  140
Tree options, 55
Trip provision variant, 140

U
Unbilled receivables account, 124
Unfavorable variance, 205
Unplanned costs, 198
Unplanned delivery costs, 197
Use accessibility mode, 227
Use and sales taxes, 249, 293
User exit, 211, 218
User group, 224, 306
User master, 150
User master record, 150
User parameters, 148
User profile, 150, 151
User roles, 301
User-specific settings, 148

V
Validation, 311
  rules, 309
  step, 311
Validity dates, 91
Valuation and account assignment, 126
Valuation area, 135
Valuation class, 212
Valuation methods, 134
Valuation modifier, 204
Valuation price, 208
Valuation view, 36
Value field, 190
Variance, 127
  accounts, 205
  attributes, 293, 316
Variant name, 301
Vendor address list, 223
Vendor business report, 233
Vendor master, 32, 117
Vendor master record, 21, 162
Voided checks, 81
W
Wage type, 141
WBS elements, 232
Windows XP, 227
Wires, 313
Withholding tax, 271
Work breakdown structure, 200
Work-in-process account, 205
Work item status, 158
Worklist, 89, 154, 156
for Exchange Rates, 91

Y
Year-dependent number ranges, 103

Z
Zero-balance, 34, 77, 129