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# Goods & Services Groups

Item groups enable grouping<sup>1)</sup> and marshalling<sup>2)</sup> in various stocks and sales reports.

The following rules apply:

- A group code is comprised of up to four characters.
- Any character can be used in the group code. Lower and uppercase letters are differentiated.
- Marshalling in the report will be done in the alphabetical order of the group codes.
- Group codes with one, two or three characters are used solely for marshalling the report.
- An item can only be assigned a single four character group code.

An example arrangement of group codes for goods:

- E - Electric
  - Ec - computer components
    - **Ec00** - Motherboards
    - **Ec01** - Graphic cards
  - EcM - Memory
    - **EcMd** - DDR memory cards
    - **EcMh** - Hard disk drives
    - **EcMs** - SD memory cards
  - Ee - electronic components
    - EeR - Resistors
      - **EeRS** - SMD Resistors
      - **EeRT** - Through hole Resistors
    - EeC - Capacitors
      - **EeCX** - Capacitors
- M - Mechanical
  - **M000** - Mechanical components

Items can only be assigned to the **bold** groups and reports would be marshalled in the above shown alphabetical order with totals and subtotals.

For example:

Group/Item	Qty	Value
<b>E - Electric</b>	<b>9568</b>	<b>1725.00</b>
<b>Ec - computer components</b>	<b>168</b>	<b>1575.00</b>
<b>Ec00 - Motherboards</b>	<b>6</b>	<b>35.00</b>
* Asus	1	10.00
* HP	2	12.00
* Lenovo	3	13.00
<b>Ec01 - Graphic cards</b>	<b>10</b>	<b>100.00</b>
* Nvidia	10	100.00
<b>EcM - Memory</b>	<b>152</b>	<b>1440.00</b>
<b>EcMd - DDR memory cards</b>	<b>22</b>	<b>220.00</b>

Group/Item	Qty	Value
<b>E - Electric</b>	<b>9568</b>	<b>1725.00</b>
<b>Ec - computer components</b>	<b>168</b>	<b>1575.00</b>
<b>Ec00 - Motherboards</b>	<b>6</b>	<b>35.00</b>
* 1Gb	4	40.00
* 2Gb	5	50.00
* 4Gb	6	60.00
* 8Gb	7	70.00
<b>EcMh - Hard disk drives</b>	<b>30</b>	<b>300.00</b>
* 1TB	10	100.00
* 2TB	20	200.00
<b>EcMs - SD memory cards</b>	<b>100</b>	<b>900.00</b>
* 16Gb	50	400.00
* 32Gb	50	500.00
<b>Ee - electronic components</b>	<b>9400</b>	<b>150.00</b>
<b>EeR - Resistors</b>	<b>8600</b>	<b>90.00</b>
<b>EeRS - SMD Resistors</b>	<b>8000</b>	<b>50.00</b>
* 100k/0.25W	5000	40.00
* 120k/0.125W	3000	10.00
<b>EeRT - Through hole Resistors</b>	<b>600</b>	<b>40.00</b>
* 56k	300	20.00
* 82k	300	20.00
<b>EeC - Capacitors</b>	<b>800</b>	<b>60.00</b>
<b>EeCX - Capacitors</b>	<b>800</b>	<b>60.00</b>
* 10mF	100	20.00
* 22mF	300	20.00
* 47mf	400	20.00
<b>M - Mechanical</b>	<b>50</b>	<b>370.00</b>
<b>M000 - Mechanical components</b>	<b>50</b>	<b>370.00</b>
* Desktop case	5	50.00
* Mini tower case	10	100.00
* Maxi tower case	15	100.00
* Embedded AI Housing	20	120.00

**Note!** Group **Ec0** is not defined so there is no subtotal in the report.

For application where not more than 10 levels per character are not expected we recommend using only numerals in the group code as it makes it easier to alphabetically sort. If you ever need to go above 10 levels you can do so by carrying on with letters that will alphabetically come after the numerals

For example the above could be done in the following way:

- 0 - Electric
  - 00 - computer components
    - **0000** - Motherboards
    - **0001** - Graphic cards
  - 001 - Memory
    - **0011** - DDR memory cards

- **0012** - Hard disk drives
- **0013** - SD memory cards
- 01 - electronic components
  - 011 - Resistors
    - **0111** - SMD Resistors
    - **0112** - Through hole Resistors
  - 012 - Capacitors
    - **0120** - Capacitors
- 1 - Mechanical
  - **1000** - Mechanical components

1)

refers to presenting similar items with similar qualities together under a common head inside reports

2)

arrangement and order of items in the report

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