

Integration of e-shops in the information system of Econt Express

Contents

1.	Generating a request for shipment in e-Econt, pricing of postal shipment	2
1.1.	Structure of XML request.....	2
1.2.	XML response from the script.....	13
2.	Providing services.....	15
2.1.	Structure of XML request.....	15
2.2.	XML response from the script.....	17
2.2.1.	Request type "information for waybills status"	17
2.2.2.	Request type "settlements zones"	20
2.2.3.	Request type "Information for settlements"	20
2.2.4.	Request type "information for regions"	23
2.2.5.	Request type "information for streets in settlements"	23
2.2.6.	Request type "information for quarters in settlements"	24
2.2.7.	Request type "information for offices"	25
2.2.8.	Request type "Econt post boxes"	27
2.2.9.	Request type "current standard courier / cargo tariff"	28
2.2.10.	Request type "current standard postal tariff"	32
2.2.11.	Request type "information for offices"	34
2.2.12.	Request type "request for registration in e-econt"	34
2.2.13.	Request type "request for the countries served by Econt"	35
2.2.14.	For canceling a request for a shipment	35
2.2.15.	Request type "information which are the days for delivery per specified date"	35
2.2.16.	Request type "information for employee access"	36
2.2.17.	Request type "information for client"	36
2.2.18.	Request type "information for the customers of the current user"	37
2.2.19.	Request type "request for verification of validity of agreement for CD"	38
2.2.20.	Request type "all not reported shipments from intermediary"	38
	Request for registration in e-econt	39
2.3.	Structure of XML request.....	39
2.4.	XML response from the script.....	41

1. Generating a request for shipment in e-Econt, pricing of post items.

1.1. Structure of XML request.

```
<?xml version="1.0"?>
<parcels>
  <system>
    <validate>0</validate>
    <response_type>HTML</response_type>
    <only_calculate>1</only_calculate>
  </system>
  <client>
    <username></username>
    <password></password>
  </client>

  <loadings>
    <row>
      <returned_loading>
        <first_loading_num></first_loading_num>
        <first_loading_receiver_phone></first_loading_receiver_phone>
      </returned_loading>
      <sender>
        <country_code></country_code>
        <city></city>
        <post_code></post_code>
        <office_code></office_code>
        <name></name>
        <name_person></name_person>
        <email></email>
        <quarter></quarter>
        <street></street>
        <street_num></street_num>
        <street_bl></street_bl>
        <street_vh></street_vh>
        <street_et></street_et>
        <street_ap></street_ap>
        <street_other></street_other>
        <phone_num></phone_num>
        <email_on_delivery></email_on_delivery>
      </sender>
      <receiver>
        <country_code></country_code>
        <city></city>
        <post_code></post_code>
        <address_zip></address_zip>
        <office_code></office_code>
        <name></name>
        <name_person></name_person>
        <email></email>
        <quarter></quarter>
        <street></street>
        <street_num></street_num>
        <street_bl></street_bl>
        <street_vh></street_vh>
        <street_et></street_et>
        <street_ap></street_ap>
        <street_other></street_other>
        <phone_num></phone_num>
        <sms_no></sms_no>
        <bic></bic>
        <iban></iban>
        <provider_id></provider_id>
      </receiver>
      <courier_request>
        <only_courier_request></only_courier_request>
        <time_from></time_from>
        <time_to></time_to>
      </courier_request>
    </row>
  </loadings>
</parcels>
```

```

<payment>
  <side></side>
  <method></method>
  <receiver_share_sum></receiver_share_sum>
  <share_percent></share_percent>
  <key_word></key_word>
</payment>
<shipment>
  <envelope_num></envelope_num>
  <shipment_type></shipment_type>
  <description></description>
  <pack_count></pack_count>
  <weight></weight>
  <tariff_code></tariff_code>
  <tariff_sub_code></tariff_sub_code>
  <invoice_before_pay_CD></invoice_before_pay_CD>
  <pay_after_accept></pay_after_accept>
  <pay_after_test></pay_after_test>
  <instruction_returns></instruction_returns>
  <send_date></send_date>
  <delivery_day></delivery_day>
  <size_under_60cm></size_under_60cm>
  <order_num></order_num>
  <keep_upright></keep_upright>
</shipment>
<services>
  <p type=""></p>
  <e></e>
  <e1></e1>
  <e2></e2>
  <e3></e3>
  <dc></dc>
  <dc_cp></dc_cp>
  <dp></dp>
  <irregular></irregular>
  <pack1></pack1>
  <pack2></pack2>
  ...
  <pack8></pack8>
  <ref></ref>
  <oc></oc>
  <oc_currency></oc_currency>
  <money_transfer></ money_transfer >
  <money_transfer_express></money_transfer_express>
  <cd type=""></cd>
  <cd_currency></cd_currency>
  <cd_agreement_num></cd_agreement_num>
  <cd_pay_options>
    <name></name>
    <phone></phone>
    <email></email>
    <money_transfer></money_transfer>
    <express></express>
    <method>bank</method>
    <BIC></BIC>
    <IBAN></IBAN>
    <bank_currency></bank_currency>
    <pay_schedule_type></pay_schedule_type>
    <pay_date></pay_date>
    <pay_weekday_1></pay_weekday_1>
    <pay_weekday_2></pay_weekday_2>
    ...
    <pay_weekday_5></pay_weekday_5>
    <office_code></office_code>
    <city></city>
    <post_code></post_code>
    <quarter></quarter>
    <street></street>
    <street_num></street_num>
    <other></other>
    <instruction></instruction>
  </cd_pay_options>

```

```

</services>
<instructions>
  <e>
    <template></template>
  </e>
  <e>
    <type>take</type>
    <title></title>
    <description></description>
  </e>
  <e>
    <type>give</type>
    <title></title>
    <description></description>
  </e>
  <e>
    <type>return</type>
    <days_until_return></days_until_return>
    <delivery_fail_action></delivery_fail_action>
    <dp_ap></dp_ap>
    <dp_bl></dp_bl>
    <dp_city></dp_city>
    <dp_post_code></dp_post_code>
    <dp_email></dp_email>
    <dp_et></dp_et>
    <dp_face></dp_face>
    <dp_name></dp_name>
    <dp_office></dp_office>
    <dp_office_code></dp_office_code>
    <dp_other></dp_other>
    <dp_payment_side></dp_payment_side>
    <dp_phone></dp_phone>
    <dp_quarter></dp_quarter>
    <dp_return_to></dp_return_to>
    <dp_street></dp_street>
    <dp_street_num></dp_street_num>
    <dp_type></dp_type>
    <dp_vh></dp_vh>
    <print_return_loading></print_return_loading>
    <reject_delivery_payment_side></reject_delivery_payment_side>
    <reject_return_payment_side></reject_return_payment_side>
    <return_ap></return_ap>
    <return_bl></return_bl>
    <return_city></return_city>
    <return_post_code></return_post_code>
    <return_email></return_email>
    <return_et></return_et>
    <return_face></return_face>
    <return_name></return_name>
    <return_office></return_office>
    <return_office_code></return_office_code>
    <return_other></return_other>
    <return_phone></return_phone>
    <return_quarter></return_quarter>
    <return_street></return_street>
    <return_street_num></return_street_num>
    <return_vh></return_vh>
  </e>
</instructions>

```

```

                <packing_list>
                    <partial_delivery></partial_delivery>
                    <type></type>
                    <row>
                        <e>
                            <inventory_num></inventory_num>
                            <description></description>
                            <weight></weight>
                            <price></price>
                        </e>
                    </row>
                </packing_list>
            </row>

            <row>
                ...
            </row>
            ...
        </loadings>

        <letters>
            <row>
                <e>
                    <type>ПИСМОГ</type>
                    <count>0.5</count>
                </e>
                <e>
                    <type>DC</type>
                    <count>1</count>
                </e>
            </row>
        </letters>
    </parcels>

```

a. **system settings**

```

<system>
<validate>0</validate>
    <response_type>HTML</response_type>
    <only_calculate>1</only_calculate>
</system>

```

- ✓ **response_type** – type of result from the script. Possible values: xml – generates XML, otherwise the result is HTML;
- ✓ **validate** – whether to perform only validation without generating waybills. Possible values: 1 – only validation;
- ✓ **only_calculate** – validation is performed only for the pricing fields, all others are disregarded.

b. **Section for the client making the request**

```

<client>
    <username></username>
    <password></password>
</client>

```

- ✓ **username** – user name to log in e-Econt;
- ✓ **password** – password in e-Econt;

c. **Section Returned Shipment**

```

<returned_loading>
    <first_loading_num></first_loading_num>
    <first_loading_receiver_phone></first_loading_receiver_phone>
</returned_loading>

```

- ✓ **first_loading_num** – number of first shipment
- ✓ **first_loading_receiver_phone** – phone number of the recipient of the first shipment;

d. **Section Sender for the waybill**

```

<sender>
    <country_code></country_code>
    <city></city>
    <post_code></post_code>
    <office_code></office_code>
    <name></name>
    <name_person></name_person>

```

- <quarter></quarter>
- <street></street>
- <street_num></street_num>
- <street_bl></street_bl>
- <street_vh></street_vh>
- <street_et></street_et>
- <street_ap></street_ap>
- <street_other></street_other>
- <phone_num></phone_num>
- <email_on_delivery></email_on_delivery>
- </sender>
- ✓ **country_code** – three-letter country code written with Latin characters;
- ✓ **city** – location from where the shipment travels. The name must be entered correctly according to the standard of Bulgarian Posts. All locations can be seen at <http://www.econt.com/offices> – full schedule of service;
- ✓ **office_code** – code of the office, which will take the shipment. Optional parameter, if the same is not specified, the default office is selected;
- ✓ **post_code** – zip code of the location, see **city**
- ✓ **name** – company sender;
- ✓ **name_person** – name of sender;
- ✓ **quarter** – residential quarters of the sender's address;
- ✓ **street, street_num, street_bl, street_vh, street_et, street_ap, street_other** – address of the sender (street, number, blok, entrance, floor, apartment, other information);
- ✓ **phone_num** – telephone of the sender;
- ✓ **email_on_delivery** – e-mail of the sender to which if he/she wishes he/she may be informed about the delivery of the shipment;

e. **Section Addressee on the waybill**

```

<receiver>
  <country_code></country_code>
  <city></city>
  <post_code></post_code>
  <address_zip></address_zip>
  <office_code></office_code>
  <name></name>
  <name_person></name_person>
  <receiver_email></receiver_email>
  <quarter></quarter>
  <street></street>
  <street_num></street_num>
  <street_bl></street_bl>
  <street_vh></street_vh>
  <street_et></street_et>
  <street_ap></street_ap>
  <street_other></street_other>
  <phone_num></phone_num>
  <sms_no></sms_no>
  <bic></bic>
  <iban></iban>
  <provider_id></provider_id>
</receiver>

```

- ✓ **country_code** – three-letter country code written in Latin letters;
- ✓ **city** – location to where the shipment is sent. The name must be entered correctly according to the standard of Bulgarian Posts. All settlements can be seen at <http://www.econt.com/offices> – full schedule of service;
- ✓ **office_code** – code of the office which will deliver the shipment. Optional parameter, if the same is not specified, the default office is selected;
- ✓ **post_code** – zip code of the settlement, see **city**
- ✓ **address_zip** – zip zip code of the address for international zone;
- ✓ **name** – company addressee;
- ✓ **name_person** – name of the addressee;
- ✓ **receiver_email** – e-mail of the addressee;
- ✓ **quarter** – residential quarters of the address of the addressee;

- ✓ **street, street_num, street_bl, street_vh, street_et, street_ap, street_other** – address of the addressee (street, number, bloc, entrance, floor, apartment, other information);
- ✓ **phone_num** – phone of the addressee;
- ✓ **bic, iban** – bank account of the addressee (only for money order by bank)
- ✓ **provider_id** – identifier for services provider; only for money order; in the presence of this tag, the other tags in addressee section are ignored

f. **Section Request for a courier**

```
<courier_request>
  <only_courier_request></only_courier_request>
  <time_from></time_from>
  <time_to></time_to>
</courier_request>
```

- ✓ **only_courier_request** – creates a request for a courier without shipment;
- ✓ **time_from** – time "from" for the request is in fieldshipment->send_date;
- ✓ **time_to** – time "until" for the request ;
- ✓ **sms_no** – SMS number at delivery

g. **Section Payment in the waybill**

```
<payment>
  <side></side>
  <method></method>
  <receiver_share_sum></receiver_share_sum>
  <share_percent></share_percent>
  <key_word></key_word>
</payment>
```

- ✓ **side** – party payer. Possible values are: SENDER, RECEIVER, OTHER;
- ✓ **method** – method of payment: CASH, CREDIT, BONUS (bonus points), VOUCHER (vouchers)
- ✓ **receiver_share_sum** – amount to share with the receiver. The amount is taken into account if the shipment is charged to the sender and a part of the amount needs to be paid by the receiver;
- ✓ **share_percent** - % from the price which is to be shared with the receiver (only one of the fields share_percent and receiver_share_sum is used)
- ✓ **key_word** – client number of the payer. Mandatory only in case of payment by credit;

h. **Section Information on the waybill**

```
<shipment>
  <loading_num></loading_num>
  <envelope_num></envelope_num>
  <shipment_type></shipment_type>
  <description></description>
  <pack_count></pack_count>
  <weight></weight>
  <tariff_sub_code></tariff_sub_code>
  <pay_after_accept></pay_after_accept>
  <pay_after_test></pay_after_test>
  <invoice_before_pay_CD></invoice_before_pay_CD>
  <send_date></send_date>
  <delivery_day></delivery_day>
  <size_under_60cm></size_under_60cm>
  <keep_upright>ON</keep_upright>
</shipment>
```

- ✓ **loading_num** – optional field for shipment number;
- ✓ **envelope_num** – number of the used packaging;
- ✓ **shipment_type** – type of shipment. *Possible values for courier shipments:*
 PACK – parcel, DOCUMENT - documents, PALLET – pallet, CARGO – cargo express, DOCUMENTPALLET – pallet + documents ;
For post shipments: SMALL_ENVELOPE – small letter, BIG_ENVELOPE – big letter, POST_PACK - parcel, PRESS – printed matter, ADV – direct mail advertisement, SECOGRAM – secogrammes;
 MONEY_TRANSFER – money transfer;
- ✓ **description** – description of the shipment;
- ✓ **pack_count** – number of packs;
- ✓ **weight** – weight;
- ✓ **tariff_sub_code** – method of delivery, possible values: DOOR_DOOR, OFFICE_DOOR, DOOR_OFFICE, OFFICE_OFFICE; for money transfer via bank: DOOR_BANK, OFFICE_BANK

- ✓ **pay_after_accept** – allows review of the shipment before collecting cash on delivery. Possible values: 1 – allow; 0 – not allow (by default);
- ✓ **invoice_before_pay_CD** – the shipment is to be reviewed by the recipient and he/she is to pay cash on delivery only if he/she accepts my shipment. Possible values: 1 – allow; 0 – not allow (by default);
- ✓ **pay_after_test** – shipment can be reviewed and tested by the recipient and he/she is to pay cash on delivery only if he/she accepts the shipment. Possible values: 1 – allow; 0 – not allow (by default);
- ✓ **instruction_returns** – if the client rejects the shipment how to pay the cost for the shipment. Possible values: **shipping_returns** - delivery and return are to be at my expense, to be borne by the sender; **returns** – only the return to be at the expense of the sender;
- ✓ **send_date** – date of sending the shipment – by default the current date;
- ✓ **delivery_day** – Date for delivery of the shipment - *the possible values are:*
- **work_day** – first work day, **half_day** – first work day or a day of duty;
or any of the dates returned from the request "information which are the days for delivery by a given date". By default the first possible date for delivery is taken.
- ✓ **size_under_60cm** – 1 or 0 - if shipment dimensions are under 60 cm (by default is 1).
- ✓ **order_num** – Order number
- ✓ **keep_upright** – marker “Keep upright”

Important:

If the shipment travels from door if the client, a verification of the correctness of the sender's address is performed. It is required to have residential quarters + additional information or street and number. If a street is entered, then a verification for the correctness of the street is performed (in the system there are entered all streets of all former regional cities). The same verification is performed also for shipmentstravelling to the client's door.

i. **Section Additional services**

```

<services>
  <ptype="AFTER"></p>
  <e>ON</e>
  <e1>ON</e1>
  <e2>ON</e2>
  <e3>ON</e3>
  <dc>ON</dc>
  <dc_cp>ON</dc_cp>
  <dp>ON</dp>
  <df>ON</df>
  <irregular>ON</irregular>
  <pack1>ON</pack1>
  <pack2>ON</pack2>
  <pack3>ON</pack3>
  <pack4>ON</pack4>
  <pack5>ON</pack5>
  <pack6>ON</pack6>
  <pack7>ON</pack7>
  <pack8>ON</pack8>
  <ref>ON</ref>
  <oc>1000</oc>
  <oc_currency>BGN</oc_currency >
  <money_transfer>443</money_transfer>
  <money_transfer_express></money_transfer_express>
  <cd type="GET">1000</cd>
  <cd_currency>BGN</cd_currency >
  <cd_agreement_num>ШН0022</cd_agreement_num>
  <cd_pay_options>
    <name>име на получател на НП</name>
    <phone>09841239134142</phone>
    <email>someone@example.org</email>
    <money_transfer>1</money_transfer>
    <express>1</express>
    <method>bank</method>
    <BIC>UNCRBGSF</BIC>
    <IBAN>BG38UNCR70004623123649</IBAN>
    <bank_currency></bank_currency>
    <pay_schedule_type>week</pay_schedule_type>
    <pay_date>25</pay_date>
    <pay_weekday_1>1</pay_weekday_1>
    <pay_weekday_2>0</pay_weekday_2>
    <pay_weekday_3>1</pay_weekday_3>
    <pay_weekday_4>1</pay_weekday_4>

```



```

    <pay_weekday_5>0</pay_weekday_5>
    <office_code>1000</office_code>
    <city>София</city>
    <post_code>1000</post_code>
    <quarter>кв. Младост 3</quarter>
    <street>ул. Васил Друмев</street>
    <street_num>236</street_num>
    <other>друго</other>
    <instruction>допълнителни инструкции</instruction>
  </cd_pay_options>
</services>

```

- ✓ **p type=""** – Priority delivery. Type – type of priority „IN”, “BEFORE”, “AFTER”. The Priority time is entered in the field;
- ✓ **e** – Delivery within the day by bus carrier;
- ✓ **e1** – Delivery within the city limits within 60 min;
- ✓ **e2** – Delivery within the city limits within 90 min (for cargo deliveries - 120 min);
- ✓ **e3** – Delivery within the city limits within 120 min (for cargo deliveries - 240 min);
- ✓ **dc** – return receipt;
- ✓ **dc_cp** – good receipt;
- ✓ **dp** – two-way shipment;
- ✓ **df** – delivery_to_floor;
- ✓ **irregular** – non-standard;
- ✓ **pack1 ... 8**– additional packaging;
- ✓ **ref** – cooler;
- ✓ **oc** – declared value;
- ✓ **oc_currency** – Currency of the declared value (3 letter code);
- ✓ **money_transfer** – amount of the money transfer in BGN (only for type “money_transfer”).
- ✓ **money_transfer_express** – express money transfer
- ✓ **cd type=""** - cash on delivery. Type – type of cash on delivery „GIVE” – to be paid to the recipient, “GET” – to be collected from the recipient. The sum is entered in the field.
- ✓ **cd_currency** – currency of the cash on delivery (3 letter code);
- ✓ **cd_agreement_num** – number of the agreement for CD;
- ✓ **cd_pay_options** – conditions for payment of cash on delivery (upon availability of the option the field cd_agreement_num is ignored):
 - ✓ **name** – name of the recipient of CD
 - ✓ **phone** – phone of the recipient of CD
 - ✓ **email** – e-mail of the recipient of CD
 - ✓ **money_transfer** – payment with postal money order
 - ✓ **express** – express payment
 - ✓ **instruction** – additional instructions
 - ✓ **method** – method of payment: *bank, office* or *door*

for method = bank:

- ✓ **BIC** – bank code
- ✓ **IBAN** – account number
- ✓ **bank_currency**– payment currency (3 letter code);
- ✓ **pay_schedule_type** – type of payment schedule: month or week
- ✓ **pay_date** – date of the month for payment
- ✓ **pay_weekday_1...5** – days of the week for payment

for method = office:

- ✓ **office_code** – office code

for method = door:

- ✓ **city** – name of settlement

- ✓ **post_code** – zip code of the settlement
- ✓ **quarter** – r. quarter
- ✓ **street** – street
- ✓ **street_num** – number
- ✓ **other** – other

j. **Section Shipment instructions**

```

<instructions>
  <e>
    <template>Наименование на шаблона</template>
  </e>
  <e>
    <type>take | give</type>
    <title></title>
    <description></description>
  </e>
  <e>
    <type>return</type>
    <days_until_return></days_until_return>
    <delivery_fail_action></delivery_fail_action>
    <dp_ap></dp_ap>
    <dp_bl></dp_bl>
    <dp_city></dp_city>
    <dp_post_code></dp_post_code>
    <dp_email></dp_email>
    <dp_et></dp_et>
    <dp_face></dp_face>
    <dp_name></dp_name>
    <dp_office></dp_office>
    <dp_office_code></dp_office_code>
    <dp_other></dp_other>
    <dp_payment_side></dp_payment_side>
    <dp_phone></dp_phone>
    <dp_quarter></dp_quarter>
    <dp_return_to></dp_return_to>
    <dp_street></dp_street>
    <dp_street_num></dp_street_num>
    <dp_type></dp_type>
    <dp_vh></dp_vh>
    <print_return_loading></print_return_loading>
    <reject_delivery_payment_side></reject_delivery_payment_side>
    <reject_return_payment_side></reject_return_payment_side>
    <return_ap></return_ap>
    <return_bl></return_bl>
    <return_city></return_city>
    <return_post_code></return_post_code>
    <return_email></return_email>
    <return_et></return_et>
    <return_face></return_face>
    <return_name></return_name>
    <return_office></return_office>
    <return_office_code></return_office_code>
    <return_other></return_other>
    <return_phone></return_phone>
    <return_quarter></return_quarter>
    <return_street></return_street>
    <return_street_num></return_street_num>
    <return_vh></return_vh>
  </e>
</instructions>

```

✓ **template** – name of the template with instructions which is to be applied

or

✓ **type** – type of instruction: take – reception, give – delivery, return – return

for type 'take' or 'give':

- ✓ **title** – title of the instruction
- ✓ **description** – content of the description

for type 'return':

- ✓ **dp_type** – type of return shipment: document – documents, shipment – shipment, if empty - there is no return shipment

- ✓ **days_until_return** – period within which the return shipment is to be sent in days (0 – must be sent right after delivery)
 - ✓ **dp_payment_side** – payer of return shipment: sender – sender of return shipment, receiver – receiver of return shipment
 - ✓ **print_return_loading** – the return shipment is created right away, in order to be printed
 - ✓ **dp_return_to** – where to return the return shipment: sender – to the sender, office – to Econt's office, address – to address
- data for the receiver of return shipment**
- for dp_return_to= office or address:**
 - ✓ **dp_name** – name/company
 - ✓ **dp_face** – person for contacts
 - ✓ **dp_phone** – phone
 - ✓ **dp_email** – e-mail
 - ✓ **dp_city** – settlement
 - ✓ **dp_post_code** – post code
 - for dp_return_to=office:**
 - ✓ **dp_office_code** – code of Econt office
 - for dp_return_to=address:**
 - ✓ **dp_street** – street
 - ✓ **dp_quarter** – quarter
 - ✓ **dp_street_num** – number
 - ✓ **dp_bl** – bloc
 - ✓ **dp_vh** – entrance
 - ✓ **dp_et** – floor
 - ✓ **dp_ap** – apartment
 - ✓ **dp_other** – other
- ✓ **delivery_fail_action** – action when the shipment cannot be delivered. Possible values: contact, instruction, return_to_sender, return_to_address, return_to_office
- for delivery_fail_action=contact**
- ✓ **delivery_fail_contact** – phone or e-mail for contact
- for delivery_fail_action=instruction**
- ✓ **delivery_fail_instruction** – disposition
- for delivery_fail_action= return_to_address or return_to_office**
- ✓ **return_name** – name/company
 - ✓ **return_face** – person for contacts
 - ✓ **return_phone** – phone
 - ✓ **return_email** – e-mail
 - ✓ **return_city** – settlement
 - ✓ **return_post_code** – post code
- for delivery_fail_action=return_to_office**
- ✓ **dp_office_code** – code of Econt office
- for delivery_fail_action=return_to_address**
- ✓ **return_street** – street
 - ✓ **return_quarter** – quarter
 - ✓ **return_street_num** – number
 - ✓ **return_bl** – bloc
 - ✓ **return_vh** – entrance
 - ✓ **return_et** – floor
 - ✓ **return_ap** – apartment
 - ✓ **return_other** – other
- ✓ **reject_delivery_payment_side** – if the recipient does not accept the shipment or a part of it after the review, the shipment will be paid by: sender – the sender of the original shipment, receiver – receiver of the original shipment
 - ✓ **reject_delivery_payment_side** – if the recipient does not accept the shipment or a part of it after the review, the return will be paid by: sender – the sender of the original shipment, receiver – receiver of the original shipment

k. **Section Inventory on shipment**

```
<packing_list>
  <partial_delivery>1</partial_delivery>
  <type>DIGITAL</type>
  <row>
    <e>
      <inventory_num>3355322</inventory_num>
      <description>Описание</description>
      <weight>3.44</weight>
      <price>33.44</price>
    </e>
  </row>
</packing_list>
```

- ✓ **partial_delivery** – allows partial delivery after review or review and test
- ✓ **type** – type of inventory (**DIGITAL** - electronic, **LOADING** – in the waybill)
- ✓ **inventory_num** – inventory number
- ✓ **description** – description
- ✓ **weight** – tariff weight (optional)
- ✓ **price** – price

l. **Section Pricing of postal items**

```
<letters>
  <row>
    <e>
      <type>ПИСМО Г</type>
      <count>0.5</count>
    </e>
    <e>
      <type>DC</type>
      <count>1</count>
    </e>
  </row>
</letters>
```

- ✓ **type** – service used in postal shipment;
- ✓ **count** – quantity of the service;

1.2. XML response from the script

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <result>
    <e>
      <loading_id>2008090000064</loading_id>
      <loading_num>100000000160</loading_num>
      <delivery_date>2009-10-22</delivery_date >
      <loading_price>
        <C>7.8</C>
        <DC>2.4</DC>
        <DISC_E-ECONT>-0.15</DISC_E-ECONT>
        <SHARE->-5.1</SHARE->
        <SHARE>5.1</SHARE>
        <sender_total>4.95</sender_total>
        <receiver_total>5.1</receiver_total>
        <other_total>0</other_total>
        <total>10.05</total>
        <currency>лв</currency>
      </loading_price>
      <loading_discount>
        <amount>-1.28</amount>
        <description>...</description>
      </loading_discount>
      <pdf_url></pdf_url>
      <prev_parcel_num></prev_parcel_num>
      <next_parcel_num>
        <e>
          <num></num>
          <reason></reason>
          <pdf_url></pdf_url>
```

```

        </e>
        </next_parcel>
        <error></error>
    </e>

    <e>
        <letter_price>5.2</letter_price>
        <error />
        <error_code />
    </e>
</result>
<pdf>
    <blank_yes>
        <![CDATA[
            ]]>
    </blank_yes>
</pdf>
</response>

```

- ✓ **loading_id** – ID of the waybill;
- ✓ **loading_num** – waybill number;
- ✓ **delivery_date** – date of shipment delivery;
- ✓ **loading_price** – price of the shipment per services and total price. It is required to be entered in order to verify only the price of the item without making preparations. The currency unit of the is also filed in this section (for international shipments)
- ✓ **loading_discount** – Discount on the shipment (if there is such): **amount** – amount, **description** - grounds
- ✓ **letter_price** – price of postal item, on request for billing of postal items
- ✓ **error** – Error message;
- ✓ **error_code** – Error code;
- ✓ **blank_yes** – URL to the script generating the PDF for the waybill on letterhead;

2. Providing services

2.1. Structure of XML request.

```
<?xml version="1.0" ?>
<request>
  <client>
    <username></username>
    <password></password>
  </client>

  <request_type></request_type>
  <updated_time></updated_time>
  <shipments full_tracking=">
    <num></num>
    <num></num>
  </shipments>
  <cities>
    <report_type></report_type>
    <id_zone></id_zone>
    <city_name></city_name>
    <city_name></city_name>
  </cities>
  <post_boxes>
    <e>
      <city_name></city_name>
      <quarter_name></quarter_name>
    </e>
    <e>
      ...
    </e>
  </post_boxes >
  <registration_request_mail>
  </registration_request_mail>
  <cancel_shipments>
    <num></num>
    <num></num>
  </cancel_shipments>
  <delivery_days></delivery_days>
  <username></username>
  <password></password>
  <ein></ein>
  <id></id>
  <egn></egn>
  <client_name></client_name>
  <cd_agreement></cd_agreement>
  <from_date></from_date>
  <mediator></mediator>
</request >
```

- ✓ Information for sections clients is analogous to the information described in i.1.1;
- ✓ **request_type** – type of request. Possible values:
- ✓ **shipments** – information about the status of waybills.
- ✓ **cities_zones** - information about the status of the zones in the settlements
- ✓ **cities** - information about the settlements;
- ✓ **cities_regions** –information about the regions;
- ✓ **cities_streets** – information about the streets in the settlements;
- ✓ **cities_quarters** – information about the quarters in the settlements;
- ✓ **offices** – information about Econt Exoress offices;
- ✓ **post_boxes** – information about all post boxes of Econt Express;
- ✓ **tariff_courier** – information about the current standard courier / cargo tariff of Econt Express;
- ✓ **tariff_post** – information about the current standard postal tariff of Econt Express;
- ✓ **profile** – account information about the client with the submitted account;
- ✓ **registration_request** – information about applications for registration in the e-econt;
- ✓ **countries** – information about countries serviced by Econt Express;

- ✓ **cancel_shipments** – denial of a request for shipment;
- ✓ **delivery_days** – information which are the days for delivery by a specific date (for shipments in Bulgaria)
- ✓ **account_roles** – information for employee access
- ✓ **client_info** – information about a client
- ✓ **access_clients** – customer information about the current user
- ✓ **check_cd_agreement** – verification of the validity of an agreement for cash on delivery
- ✓ **mediator_data** – information with the shipments form mediator
- ✓ **updated_time** – in the response there will be present only records that have changed after that date, applies for the following request_type: cities, offices, cities_zones, cities_regions, cities_quarters, cities_streets
example: <updated_time>2012-04-22 18:30:00</updated_time>
- ✓ **shipments** - In Section Shipments are described all numbers of shipments for which information is sought. For the Section it is required for type of a inquiry - **shipments**;
In attribute **full_tracking** = 'ON' returns information about the movement of the shipment as well;
Attention:
Information on shipments shall be given only if the customer is a party (sender, recipient or payer) on the same.
- ✓ **cities** - Section Cities lists all locations for which the service will return information. If this section is empty or missing, it returns information for all locations in Bulgaria. In the Section it is possible to indicate courier zone (id_zone) in which the locations fall, if in element id_zone is introduced value '**all**', then it will return a result for all settlements / countries. In field report_type there is an option to indicate return of a shortened result (value '**short**'), in this case the result will not show the days of service and the offices attending the settlement;
- ✓ **post_boxes** - Section post_boxes lists all settlements and neighborhoods that will return information about the mounted post boxes. If no settlement or quarter is indicated, then the service will return information about all post boxes;
- ✓ **registration_request_mail** - In section registration_request_mail will be delivered to the e-mail address of the customer who has filed an application for registration in e-econt;
- ✓ **cancel_shipments** – Number of shipments for which to cancel the request
- ✓ **delivery_days** – Date of acceptance of the shipment YYYY-MM-DD
- ✓ **username,password** – Upon request of the type **account_roles**
- ✓ **ein,egn,id** – Upon request of the type **client_info**
- ✓ **client_name, cd_agreement** – Upon request of the type validity of veification of CD agreement
- ✓ **from_date** – Upon request of the type unreported shipments from intermediary, there can be set date <from_date>2013-03-05</from_date> from which to take the shipments, if field is empty, there shall be reported shipments from two months ago.
- ✓ **mediator** – intermediary whose shipments will be sent

2.2. XML response from the script

2.2.1. Request type "information for waybills status"

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <shipments>
    <e>
      <loading_num></loading_num>
      <is_imported></is_imported>
      <storage> </storage>
      <created_time></created_time>
      <sender_take_time></sender_take_time>
      <shipment_type> </shipment_type>
      <shipment_pack_count></shipment_pack_count>
      <tariff_code></tariff_code>
      <tariff_sub_code></tariff_sub_code>
      <shipment_pack_weight></shipment_pack_weight>
      <shipment_pack_dimensions_l></shipment_pack_dimensions_l>
      <shipment_pack_dimensions_w></shipment_pack_dimensions_w>
      <shipment_pack_dimensions_h></shipment_pack_dimensions_h>
      <shipment_description></shipment_description>
      <services></services>
      <discount></discount>
      <sender_name></sender_name>
      <sender_face> </sender_face>
      <sender_city_name> </sender_city_name>
      <sender_city_code> </sender_city_code>
      <sender_quarter></sender_quarter>
      <sender_street> </sender_street>
      <sender_street_num></sender_street_num>
      <sender_address_other></sender_address_other>
      <sender_phone></sender_phone>
      <sender_office></sender_office>
      <sender_office_code></sender_office_code>
      <receiver_name> </receiver_name>
      <receiver_face></receiver_face>
      <receiver_city_name> </receiver_city_name>
      <receiver_city_code> </receiver_city_code>
      <receiver_quarter></receiver_quarter>
      <receiver_street></receiver_street/>
      <receiver_street_num></receiver_street_num>
      <receiver_address_other></receiver_address_other>
      <receiver_phone></receiver_phone>
      <receiver_email></receiver_email>
      <receiver_office></receiver_office>
      <receiver_office_code></receiver_office_code>
      <receiver_person></ receiver_person >
      <receiver_courier></ receiver_courier>
      <receiver_courier_phone></receiver_courier_phone>
      <receiver_time></ receiver_time >
      <CD_get_sum></CD_get_sum >
      <CD_get_time></CD_get_time >
      <CD_send_sum></CD_send_sum >
      <CD_send_time></CD_send_time >
      <total_sum></total_sum>
      <currency></currency>
      <sender_ammount_due>0.00 лв</sender_ammount_due>
      <receiver_ammount_due>0.00 лв</receiver_ammount_due>
      <other_ammount_due>0.00 лв</other_ammount_due>
      <delivery_attempt_count></ delivery_attempt_count>
      <prev_parcel_num></prev_parcel_num>
```



```

        <next_parcel>
            <e>
                <num></num>
                <reason></reason>
                <pdf_url></pdf_url>
            </e>
        </next_parcel>
    </tracking>
    <row>
        <time></time>
        <is_receipt></is_receipt>
        <event></event>
        <name></name>
        <name_en></name_en>
    </row>
    ...
    <row>
        ...
    </row>
</tracking>
<blank_yes>
    <![CDATA[
    ]]>
</blank_yes>
</e>
<e>
    .....
</e>
</shipments>
</response>

```

- ✓ **loading_num** – number of lookup shipment;
- ✓ **is_imported** – if the waybill is initiated (1,0)
- ✓ **storage** – the name of the office or the line where the shipment is currently located. if the shipment is out for delivery to client then the field is empty;
- ✓ **created_time** – time of creation of the shipment;
- ✓ **sender_take_time** – time of acceptance of the shipment in Econ't system;
- ✓ **shipment_type** – type of shipment. 'document' – document; 'pack' – parcel; 'documentpack' – pallet of documents (for cargo pallet)
- ✓ **shipment_pack_count** – number of packs;
- ✓ **shipment_pack_weight** – weight of packs;
- ✓ **shipment_pack_dimensions_l** – length of packs;
- ✓ **shipment_pack_dimensions_w** – width of packs;
- ✓ **shipment_pack_dimensions_h** – height of packs;
- ✓ **tariff_code** – tariff code;
- ✓ **tariff_sub_code** – tariff sub code;
- ✓ **shipment_description** – description of the shipment;
- ✓ **services** – used services, separated by commas. Quantity of services are ,:‘;
- ✓ **discount** – discount rate;
- ✓ **sender_name** – name of sender;
- ✓ **sender_face** – person delivered the shipment;
- ✓ **sender_city_name** – location of the sender;
- ✓ **sender_city_code** – area code of the sender;
- ✓ **sender_quarter** – quarter of sender;
- ✓ **sender_street** – street of sender;
- ✓ **sender_street_num** – number of address of sender;
- ✓ **sender_address_other** – additional information for the sender's address;
- ✓ **sender_phone** – phone of the sender;
- ✓ **sender_office** – office received the shipment;
- ✓ **sender_office_code** – code of office accepted the shipment;

- ✓ **receiver_name** – name of addressee;
- ✓ **receiver_face** – person addressee;
- ✓ **receiver_city_name** – city of addressee;
- ✓ **receiver_city_code** – city code of receipt;
- ✓ **receiver_quarter** – quarter of addressee;
- ✓ **receiver_street** – street of addressee;
- ✓ **receiver_street_num** – receipt address number;
- ✓ **receiver_address_other** – additional information for the addressee's address;
- ✓ **receiver_phone** – addressee phone;
- ✓ **receiver_email** – e-mail of the addressee;
- ✓ **receiver_office** – office delivered the shipment;
- ✓ **receiver_office_code** – code of the office delivered the shipment;
- ✓ **receiver_person** – person received the shipment;
- ✓ **receiver_person_phone** – addressee phone;
- ✓ **receiver_courier** – employee delivered the shipment;
- ✓ **receiver_courier_phone** – phone of the employee delivered the shipment;
- ✓ **receiver_time** – time of delivery of the shipment to the client;
- ✓ **CD_get_sum** – collected Cash on Delivery amount on the shipment;
- ✓ **CD_get_time** – time of collecting the cash on delivery;
- ✓ **CD_send_sum** – amount paid on cash on delivery on the shipment;
- ✓ **CD_send_time** – time of payment of the cash on delivery;
- ✓ **total_sum** – amount of the shipment;
- ✓ **currency** – currency for payment of the shipment;
- ✓ **sender_ammount_due, receiver_ammount_due, other_ammount_due** – amounts due by the sender of the shipment, recipient 3rd party in the corresponding currency of payment;
- ✓ **delivery_attempt_count** - number of attempts for delivery of the shipment;
- ✓ **prev_parcel_num** – number of the waybill from which the current one was generated (if there is such)
- ✓ **next_parcel** – information for subsequent shipments, created on the basis of this waybill
 - **num** – waybill number
 - **reason** – reason for return
 - **pdf_url** – URL of waybill of return shipment
- ✓ **tracking** – shipment tracking (route of the shipment). The element visualizes each movement in rows:
- ✓ **time** – time of event;
- ✓ **is_receipt** – is this movement of return receipt;
- ✓ **event** – event. Possible values are client – delivery to client; courier – delivery to courier; courier_direction – delivery to route; office – delivery in office; first_try – first attempt for delivery; second_try – next attempt for delivery; instruction – order for changing delivery conditions; redirect – redirected shipment; return – returned shipment; destroy – destroying shipment;
- ✓ **name** – name of the storehouse, employee, route in Cyrillic
- ✓ **name_en** – name of the storehouse, employee, route in Latin;
- ✓ **blank_yes** – URL to the script generating the PDF for the waybill on letterhead;

2.2.2. For requests type "settlements zones"

```
<?xml version="1.0" encoding="UTF-8"?>
<request>
  <client>
    <username>username</username>
    <password>password</password>
  </client>
  <request_type>check_address</request_type>
  <address>
    <city>city name</city>
    <post_code>7728</post_code>
    <quarter>neighbourhood name</quarter>
    <street>street name</street>
    <street_num>street number</street_num>
    <street_bl>building</street_bl>
    <street_vh>entrance</street_vh>
    <street_et>floor</street_et>
    <street_ap>apartment</street_ap>
    <street_other>other</street_other>
    <email_on_delivery>asd@example.org</email_on_delivery>
  </address>
</request>
```

Response:

```
<response>
  <address>
    <city>Шумен</city>
    <post_code>9700</post_code>
    <office_code>9700</office_code>
    <quarter/>
    <street>бул. Симеон Велики</street>
    <street_num>66</street_num>
    <street_bl/>
    <street_vh/>
    <street_et/>
    <street_ap/>
    <street_other/>
    <validation_status>processed</validation_status>
    <error></error>
  </address>
</response>
```

- ✓ **validation_status** – “normal” – the address is valid; “processed” – the address is valid after processing; “invalid” – the address is not valid
- ✓ **error** – error’s text if the address is not valid;

2.2.3. Request type "information for settlements"

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <cities>
    <e>
      <id></id>
      <post_code></post_code >
      <type></type>
      <id_zone> </id_zone>
      <name> </name>
      <name_en> </name_en>
      <id_country> </id_country>
      <id_office> </id_office>
      <service_days>
        <day1></1>
        <day2></2>
        <day3></3>
        <day4></4>
        <day5></5>
        <day6></6>
        <day7></7>
      </service_days>
      <updated_time></updated_time>
      <hub_code> </hub_code>
```

```
<hub_name> </hub_name>
<hub_name_en> </hub_name_en>
<attach_offices>
  <courier_shipments>
    <from_door>
      <office_code></office_code>
      <office_code></office_code>
      <office_code></office_code>
    </from_door>

    <from_office>
      <office_code></office_code>
      <office_code></office_code>
      <office_code></office_code>
    </from_office>

    <to_door>
      <office_code></office_code>
      <office_code></office_code>
      <office_code></office_code>
    </to_door>

    <to_office>
      <office_code></office_code>
      <office_code></office_code>
      <office_code></office_code>
    </to_office>
  </courier_shipments >

  <cargo_palet_shipments >
    <from_door>
      <office_code></office_code>
      <office_code></office_code>
      <office_code></office_code>
    </from_door>

    <from_office>
      <office_code></office_code>
      <office_code></office_code>
      <office_code></office_code>
    </from_office>

    <to_door>
      <office_code></office_code>
      <office_code></office_code>
      <office_code></office_code>
    </to_door>

    <to_office>
      <office_code></office_code>
      <office_code></office_code>
      <office_code></office_code>
    </to_office>
  </cargo_palet_shipments >

  <cargo_expres_shipments >
    <from_door>
      <office_code></office_code>
      <office_code></office_code>
      <office_code></office_code>
    </from_door>

    <from_office>
      <office_code></office_code>
      <office_code></office_code>
      <office_code></office_code>
    </from_office>

    <to_door>
      <office_code></office_code>
      <office_code></office_code>
    </to_door>
```

```

        <office_code></office_code>
    </to_door>

    <to_office>
        <office_code></office_code>
        <office_code></office_code>
        <office_code></office_code>
    </to_office>

</cargo_express_shipments >

<post_shipments >
    <from_door>
        <office_code></office_code>
        <office_code></office_code>
        <office_code></office_code>
    </from_door>

    <from_office>
        <office_code></office_code>
        <office_code></office_code>
        <office_code></office_code>
    </from_office>

    <to_door>
        <office_code></office_code>
        <office_code></office_code>
        <office_code></office_code>
    </to_door>

    <to_office>
        <office_code></office_code>
        <office_code></office_code>
        <office_code></office_code>
    </to_office>
</post_shipments >
</attach_offices>
</e>
<e>
    ...
</e>
</cities>
</response>

```

- ✓ **id** – identifier (ID) of the settlement;
- ✓ **post_code** – postal code of the settlement;
- ✓ **type** – type of settlement. Possible values: ‘city’, ‘c.’;
- ✓ **id_zone** – ID of the zone where the settlement is located;
- ✓ **name** – name of settlement;
- ✓ **name_en** – name of the settlement in Latin;
- ✓ **id_country** – country of the settlement;
- ✓ **id_office** – main office for attending the settlement;
- ✓ **service_days** – days for service of the settlement. The days are in the field from 1 to 7 (Monday - Sunday). Possible values are ‘1’ and ‘0’. This section is not shown for request with parameter report_type = ‘short’;
- ✓ **updated_time** – Time of last edition of the entry in SQL format (YYYY-MM-DD hh:mm:ss);
- ✓ **hub_code** – code of the hub office for the city;
- ✓ **hub_name** – name of the hub office for the city;
- ✓ **hub_name_en** – name in English of the hub office for the city;
- ✓ **attach_offices** – offices which serve the settlement. This section is not shown for request with parameter report_type = ‘short’;
- ✓ **courier_shipments** – offices servicing courier shipments;
- ✓ **cargo_palet_shipments** – offices servicing cargo pallet shipments (shipments of code 82, 84, 87);
- ✓ **cargo_express_shipments** – offices servicing express cargo pallet shipments (shipments code 81, 83);
- ✓ **post_shipments** – offices servicing postal items;

- ✓ **from_door** – offices taking shipments from client's door;
- ✓ **from_office** – offices accepting shipments from reception;
- ✓ **to_door** – offices delivering shipments to client's door;
- ✓ **to_office** – offices delivering shipments from reception;
- ✓ **office_code** – code of the office serving the relevant type of items according to the method of delivery / reception;

2.2.4. For requests type "information for regions"

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <cities_regions>
    <e>
      <id> </id>
      <name> </name>
      <code> </code >
      <id_city></id_city>
      <updated_time></updated_time>
    </e>
    <e>
      .....
    </e>
  </cities_regions>
</response>
```

- ✓ **id** – identifier (ID) of the region;
- ✓ **name** – name of region;
- ✓ **code** – ZIP code of the region;
- ✓ **id_city** – ID of the settlement where the region is;
- ✓ **updated_time** – Time of last edition of the entry;

2.2.5. Request type "information for streets in settlements"

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <cities_street>
    <e>
      <id> </id>
      <name> </name>
      <name_en> </name_en>
      <city_post_code></city_post_code>
      <id_city></id_city>
      <updated_time></updated_time>
    </e>
    <e>
      ...
    </e>
  </cities_street>
</response>
```

- ✓ **id** – identifier (ID) of the street;
- ✓ **name** – name of the street;
- ✓ **name_en** – name of the street in Latin;
- ✓ **city_post_code** – zip code of the settlement where the street is located;
- ✓ **id_city** – ID of the settlement where the street is located;
- ✓ **updated_time** – Time of last edition of the entry in SQL format (YYYY-MM-DD hh:mm:ss);

2.2.6. Request type "information for quarters in settlements"

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <cities_quarters>
    <e>
      <id> </id>
      <name> </name>
      <name_en> </name_en>
      <city_post_code></ city_post_code >
      <id_city></id_city>
      <updated_time></updated_time>
    </e>
    <e>
      .....
    </e>
  </cities_quarters>
</response>
```

- ✓ **id** – identifier (ID) of the quarter;
- ✓ **name** – name of the quarter;
- ✓ **name_en** – name of the quarter in Latin;
- ✓ **city_post_code** – zip code of the settlement where the quarter is located;
- ✓ **id_city** – ID of the settlement where the quarter is located;
- ✓ **updated_time** – Time of last edition of the entry in SQL format (YYYY-MM-DD hh:mm:ss);

2.2.7. Request type "information for offices"

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <offices>
    <e>
      <id> </id>
      <name> </name>
      <name_en> </name_en>
      <office_code></office_code >
      <is_machine></is_machine>
      <id_city></id_city>
      <post_code></post_code>
      <city_name></ city_name>
      <city_name_en></ city_name_en>
      <city_name_en></ city_name_en>
      <city_name_en></ city_name_en>
      <latitude></latitude>
      <longitude></longitude>
      <address_details>
        <id_quarter></id_quarter>
        <quarter_name></quarter_name >
        <id_street></id_street>
        <street_name></street_name >
        <num></num>
        <bl></bl>
        <vh></vh>
        <et></et>
        <ap></ap>
        <other></other>
      </address_details>
      <phone></phone>
      <work_begin></work_begin>
      <work_end></work_end>
      <work_begin_saturday></work_begin_saturday >
      <work_end_saturday ></work_end_saturday >
      <time_priority></time_priority>
      <updated_time></updated_time>
      <hub_code></hub_code>
      <hub_name></hub_name>
      <hub_name_en></hub_name_en>
    </e>
    <e>
      .....
    </e>
  </offices>
</response>
```

- ✓ **id** – identifier (ID) of the office;
- ✓ **name** – name of the office;
- ✓ **name_en** – name of the office in Latin;
- ✓ **office_code** – code of the office;
- ✓ **is_machine** – the office is automated post station;
- ✓ **id_city** – ID of the settlement;
- ✓ **post_code** – postal code of the settlement;
- ✓ **name** – name of settlement;
- ✓ **name_en** – name of the settlement in Latin;
- ✓ **latitude**– latitude coordinates of the office;
- ✓ **longitude** – longitude coordinates of the office;
- ✓ **address** –office address;
- ✓ **address_en** – office address in Latin;
- ✓ **address_details** – detailed address of the office;
 - **id_quarter** – ID of the quarter where the office is located;
 - **quarter_name** – name of the quarter where the office is located;
 - **id_street** – ID of the street;

- **street_name** – name of the street;
 - **num** – number of the street;
 - **vh** – entrance;
 - **et** – floor;
 - **ap** – apartment;
 - **other** – other additional information;
- ✓ **phone** – office phone;
 - ✓ **work_begin** – start of work day for work days;
 - ✓ **work_end** – end of work day for work days;
 - ✓ **work_begin_sat** – start of work day for Saturdays;
 - ✓ **work_end_sat** – end of work day for Saturdays;
 - ✓ **time_priority** – minimum Priority time;
 - ✓ **updated_time** – Time of last edition of the entry in SQL format (YYYY-MM-DD hh:mm:ss);
 - ✓ **hub_code** – code of the hub office;
 - ✓ **hub_name** – name of the hub office;
 - ✓ **hub_name_en** – name of the hub office;

2.2.8. Request type "Econt post boxes"

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <post_boxes>
    <e>
      <id></id>
      <city_type> </city_type>
      <city_name> </city_name>
      <post_code></post_code>
      <id_city></id_city>
      <num></num>
      <location></ location>
      <address> </address>
      <address_en> </address_en>
      <address_details>
        <id_quarter></id_quarter>
        <quarter_name></quarter_name >
        <quarter_name_en></quarter_name_en>
        <id_street></id_street>
        <street_name></street_name >
        <street_name_en></street_name_en>
        <num></num>
        <bl></bl>
        <vh></vh>
        <et></et>
        <ap></ap>
        <other></other>
      </address_details>
    </e>
    <e>
      ...
    </e>
  </post_boxes >
</response>
```

- ✓ **id** – identifier (ID) of postal box;
- ✓ **city_type** – type of settlement (1- village, 2 – city);
- ✓ **city_name** – name of the settlement where the box is installed;
- ✓ **city_name_en** – name in Latin of the settlement where the box is installed;
- ✓ **post_code** – postal code of the place where the box is installed;
- ✓ **id_name** – ID of the settlement where the box is installed;
- ✓ **num** – number of the post box;
- ✓ **location** – location of the post box (office, gas station...)
- ✓ **address** – address of the post box;
- ✓ **address_en** – address in Latin of the post box;
- ✓ **address_details** – detailed address of the post box;
 - **id_quarter** – ID of the quarter where the post box is located;
 - **quarter_name** – name of the quarter where the post box is located;
 - **quarter_name_en** – name in Latin of the quarter where the post box is located;
 - **id_street** – ID of the street;
 - **street_name** – name of the street;
 - **street_name_en** – name of the street in Latin;
 - **num** – number of the street;
 - **vh** – entrance;
 - **et** – floor;
 - **ap** – apartment;
 - **other** – other additional information;

2.2.9. Request type "current standard courier / cargo tariff"

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <service_types>
    <e>
      <id></id>
      <code></code>
      <description></description>
      <description_en></description_en>
      <description_ro></description_ro>
      <service_type></service_type>
    </e>
    <e>
      ...
    </e>
  </service_types>

  <tariff_code>
    <e>
      <code></code>
      <description></description>
    </e>
    <e>
      ...
    </e>
  </tariff_code>

  <cargo_code>
    <e>
      <code></code>
      <description></description>
    </e>
    <e>
      ...
    </e>
  </cargo_code>

  <international_zone>
    <e>
      <code></code>
      <description></description>
    </e>
    <e>
      ...
    </e>
  </international_zone>

  <general_tariff>
    <e>
      <id></id>
      <index></index>
      <name></name>
      <name_en></name_en>
      <name_ro></name_ro>
      <shipment_type></shipment_type>
      <service_type></service_type>
      <tariff_code></tariff_code>
      <cargo_code></cargo_code>
      <international_zone></international_zone>
      <international_currency></international_currency>
      <econt_from></econt_from>
      <econt_to></econt_to>
      <area></area>
      <weight_to></weight_to>
      <step></step>
      <measure></measure>
      <price></price>
      <price_type></price_type>
    </e>
    <e>
      ...
    </e>
  </general_tariff>

```

```
</general_tariff>
</response>
```

- ✓ **service_types** – section with services offered by Econt Express

Example:

```
<service_types>
  <e>
    <id>1</id>
    <code>C</code>
    <description>Куриерска услуга</description >
    <description_en>Courier service</description_en>
    <description_ro>Serviciu de curierat</description_ro>
    <service_type>general</service_type >
  </e>
  <e>
    <id>2</id>
    <code>CD</code>
    <description>Наложен платеж</description >
    <description_en>Cash on delivery</description_en>
    <description_ro>Ramburs</description_ro>
    <service_type>addition</service_type >
  </e>
  <e>
    <id>3</id>
    <code>E1</code>
    <description>Доставка до 60 мин след приемане на поръчката </description >
    <description_en>Delivery up to 60minutes from receiving the order</description_en>
    <description_ro>Livrare in 60 min dupa preluarea comenzii</description_ro>
    <service_type>addition</service_type >
  </e>
  ...
```

- ✓ **tariff_code** – section with tariff codes.

Example:

```
<tariff_code>
  <e>
    <code>0</code>
    <description>international service</description >
  </e>
  <e>
    <code>1</code>
    <description>city courier</description >
  </e>
  <e>
    <code>2</code>
    <description>between the offices</description >
  </e>
  <e>
    <code>3</code>
    <description>from / to courier office</description >
  </e>
  ...
```

- ✓ **cargo_code** – section - codes for delivery method for cargo shipments

Example:

```
<cargo_code>
  <e>
    <code>20</code>
    <description>от до офис на куриера</description >
  </e>
  <e>
    <code>21</code>
    <description>от врата на клиента до офис на куриера </description >
  </e>
  <e>
    <code>22</code>
    <description>от офис на куриера до врата на клиента</description >
  </e>
```

```

<e>
  <code>23</code>
  <description>от до врата на клиента</description >
</e>

```

✓ **international_zone** – section - international zones

Example:

```

< international_zone >
  <e>
    <code> 4 </code>
    <description> Международна зона 1 </description >
  </e>
  <e>
    <code> 5 </code>
    <description> Международна зона 2 </description >
  </e>

```

✓ **general_tariff** – Information for the prices of services in the current standard tariff:

id – ID of the price;

index – Price index – information text field. Example: C100, C215, PACK1;

name – Description of the price. Example: Documentary shipment - city courier;

shipment_type – for which type of shipment the price applies: document – documentary, pack-parcel, all – all kinds;

service_type – Service for which the price applies. According to the offered services in section <service_types>;

tariff_code – For which tariff code the price applies;

cargo_code – If the tariff code is for cargo shipments (81,82,83,84), then it is specified for which type of delivery the price applies;

international_zone – If the price is for code 0 – international shipments, then the international zone for the zone is specified;

international_currency – currency unit for payment of the service. Valid only for prices, for which econcont_from or econcont_to is different from 0. For all other prices the currency unit is BGN.

econt_from – the price applies to shipments traveling from specific international zone of Econt Express. The ID of the zone is entered into the field.

econt_to – the price applies to shipments traveling to specific international zone of Econt Express. The ID of the zone is entered into the field.

area – The price range is specified: all – for all ranges, to – to specific (weight_to) quantity, max – above the maximum permissible value;

weight_to – Range to of the price. It is used only with value of the field area = to, otherwise it is -1;

step – Step for determining the price, given that the area = max, otherwise it is -1;;

measure – Measurement unit for the service quantity (BGN, No., kg., days, ..)

price - Price;

price_type – Type of price: stable – fixed price regardless of the quantity of the service, percent - a percentage of the amount of service (used for services: Cash on delivery, Declared value ...)

Sample prices in the tariff:

```

<general_tariff>
  <e>
    <id>211</id>
    <index>C100</index>
    <name>Документална пратка - градски куриер</name>
    <shipment_type>document</shipment_type >
    <service_type>C</service_type >
    <tariff_code>1</tariff_code >
    <cargo_code>0</cargo_code >
    <international_zone>0</ international_zone >
    <area>all</area >
    <weight_to>-1</weight_to >
    <step>-1</step >
    <measure>кг</measure>
    <price>6.3</price>
    <price_type>stable</price_type >
  </e>
  <e>
    <id>212</id>
    <index>C320+</index>
    <name>Куриерска услуга - от / до офис на куриера над 20 кг</name>
    <shipment_type>pack</shipment_type >
    <service_type>C</service_type >
    <tariff_code>3</tariff_code >
    <cargo_code>0</cargo_code >

```

```
<international_zone>0</ international_zone >
<area>max</area >
<weight_to>-1</weight_to >
<step>1</step >
<measure>кг</measure>
<price>0.61</price>
<price_type>stable</price_type >
</e>
<e>
  <id>213</id>
  <index>CD-4</index>
  <name>Наложен платеж</name>
  <shipment_type>all</shipment_type >
  <service_type>CD</service_type >
  <tariff_code>4</tariff_code >
  <cargo_code>0</cargo_code >
  <international_zone>0</ international_zone >
  <area>all</area >
  <weight_to>-1</weight_to >
  <step>-1</step >
  <measure>лв</measure>
  <price>2.4</price>
  <price_type>percent</price_type >
</e>
<e>
  .....
</e>
</ general_tariff >
```

2.2.10. Request type "current standard postal tariff"

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <service_types>
    <e>
      <id> </id>
      <code> </code>
      <description> </description >
      <description_en> </description_en>
      <description_ro> </description_ro>
      <service_type> </ service_type >
      <additional_services> </additional_services >
    </e>
    <e>
      ....
    </e>
  </service_types>

  <general_tariff>
    <e>
      <index> </index>
      <name> </name>
      <service_type> </service_type >
      <area> </area >
      <weight_to> </weight_to >
      <step> </step >
      <measure> </measure>
      <price> </price>
      <price_type> </price_type >
    </e>
    <e>
      .....
    </e>
  </ general_tariff >
</response>
```

- ✓ **service_types** – section with services offered by Econt Express

Example:

```
<service_types>
  <e>
    <id>1</id>
    <code>ПИСМО М</code>
    <description> Малко писмо</description >
    <description_en>Small letter</description_en>
    <description_ro>Plic mic</description_ro>
    <service_type>general</ service_type >
    <additional_services>CALLED,P,R,DC,OC,CD</additional_services >
  </e>
  <e>
    <id>2</id>
    <code> КОЛЕТ</code>
    <description> Колет</description >
    <description_en>Parcel</description_en>
    <description_ro>Colet</description_ro>
    <service_type>general</ service_type >
    <additional_services>CALLED,P,R,DC,OC,CD</additional_services >
  </e>
  <e>
    <id>3</id>
    <code> ЗАПИС</code>
    <description> Пощенски паричен превод</description >
    <description_en>Postal money transfer</description_en>
    <description_ro>Mandat postal</description_ro>
    <service_type>general</ service_type >
    <additional_services>CALLED,DC </additional_services >
  </e>
  ...
</service_types>
```


✓ **general_tariff** – Information about the price of services in the current standard tariff:

id – ID of the price;

index – Price index – information text field. Example: SL0050, SL0250, SEC;

name – Description of the price. Example: Big letter / Small parcel up to 2.000 kg.;

service_type – ID of the service for which the price applies. According to the offered services in section <service_types>;

area – The price range is specified: all – for all ranges, to – to specific (weight_to) quantity, max – above the maximum permissible value;

weight_to – Range to of the price. It is used only with value of the field area = to, otherwise it is -1;

step – Step for determining the price, given that the area = max, otherwise it is -1;;

measure – Unit for the amount of service (BGN, No., kg., days, ..)

price - Price;

price_type – Type of price: stable – fixed price regardless of the quantity of the service, percent - a percentage of the amount of service (used for services: Postal money order ...)

Sample prices in the tariff:

<general_tariff>

<e>

```
<id>211</id>
<index>SL0050</index>
<name> Малко писмо до 0.050 кг.</name>
<service_type>1</service_type >
<area>to</area >
<weight_to> 0.05</weight_to >
<step>-1</step >
<measure>лв</measure>
<price>2.8</price>
<price_type>stable</price_type >
```

</e>

<e>

```
<id>212</id>
<index>PARCEL 1</index>
<name> Колет до 1 кг.</name>
<service_type>2</service_type >
<area>to</area >
<weight_to>1</weight_to >
<step>-1</step >
<measure>лв</measure>
<price>4.00</price>
<price_type>stable</price_type >
```

</e>

<e>

```
<id>213</id>
<index>POST ORDER</index>
<name>Пощенски паричен превод</name>
<service_type>3</service_type >
<area>all</area >
<weight_to>-1</weight_to >
<step>-1</step >
<measure>лв</measure>
<price> 1.00</price>
<price_type>percent</price_type >
```

</e>

<e>

.....

</e>

</ general_tariff >

2.2.11. Request type "information for offices"

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <client_info>
    <id> </id>
    <name </name>
    <key_word></key_word>
    <EIN></EIN>
    <dds_ein></dds_ein>
    <address></address>
    <mol></mol>
    <business_phone></business_phone>
    <business_email></business_email>
  </ client_info >

  <addresses>
    <e>
      <city_post_code></city_post_code >
      <city></city>
      <quarter></quarter>
      <street></street>
      <street_num></street_num>
      <other></other>
    </e>
    <e>
      .....
    </e>
  </addresses >
</response>
```

✓ **client_info** – Information for client:

id – Unified identification code (ID) of the client;

name – Name of the client;

key_word – Client number;

EIN – UIC of legal entity;

dds_ein – VAT UIC;

address – Registered address;

mol – Accountable person;

business_phone – Office contact phone;

business_email – Office e-mail address;

✓ **addresses** – Addresses for receiving / sending shipments of the client:

city_post_code – Post code of the settlement;

city – Name of the settlement;

quarter – r. quarter

street – street

street_num – Address number;

other – Additional information for the address;

2.2.12. Request type “request for registration in e-econt”

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <status></status>
  <loadings_count></loadings_count>
</response>
```

✓ **status** – request status: unprocessed – not processed; confirmed – confirmed by operator but not closed; processed – closed; canceled – canceled by operator;

✓ **loadings_count** – Number of shipments for the last three months for which the customer is the sender;

2.2.13. Request type "request for the countries served by Econt"

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <country_name></country_name >
  <country_name_en></country_name_en>
  <id_zone></id_zone >
  <zone_name></zone_name >
  <zone_name_en></zone_name_en>
</response>
```

- ✓ **country_name** – name of the country;
- ✓ **country_name_en** – name of the country in Latin;
- ✓ **id_zone** – zone ID;
- ✓ **zone_name** – name of the international zone;
- ✓ **zone_name_en** – name of the international zone in Latin;

2.2.14. For canceling a request for a shipment

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <cancel_shipments>
    <e>
      <num></num>
      <success></success>
      <errorCode></errorCode>
      <error></error>
    </e>
    <e>
      ...
    </e>
  </cancel_shipments>
</response>
```

- ✓ **num** - waybill number
- ✓ **success** – 1 if the request is successfully canceled – 0 if it is not;
- ✓ **errorCode** – Error code;
- ✓ **error** –description of the error;

2.2.15. Request type "information which are the days for delivery per specified date"

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <delivery_days>
    <e>
      <date></date>
    </e>
    <e>
      ...
    </e>
  </delivery_days>
</response>
```

If there is only one date for delivery (the day following receipt of the shipment is a working day) an empty result will be shown.

If there are more possible dates (the next day with shifts, the first work day after the holidays ...) returns the possible dates for delivery.

- ✓ **date** – delivery date in format YYYY-MM-DD

2.2.16. Request type "information for employee access"

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <role>esensio_admin_user</role>
  <role>esensio_plain_user</role>
  <role>esensio_special_user</role>
</response>
```

2.2.17. Request type "information for client"

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <clients>
    <info>
      <id>8381</id>
      <name>Име на клиента</name>
      <client_type>commercial</client_type>
      <key_word>БЛ0201</key_word>
      <EIN>115766998</EIN>
      <dds_ein>113066508</dds_ein>
      <address>Бургас 8000 ул. Иван Вазов 35</address>
      <mol>Веселин Павлов</mol>
      <business_phone>056274536</business_phone>
      <business_email>mail@example.org</business_email>
      <addresses>
        <e>
          <city_post_code>8000</city_post_code>
          <city>Бургас</city>
          <quarter/>
          <street>ул. Иван Вазов</street>
          <street_num>35</street_num>
          <other/>
        </e>
        <e>
          ...
        </e>
      </addresses>
    </info>
    <info>
      ...
    </info>
  </clients>
</response>
```

- ✓ **client_type** – type of client (,private’ – private person, ‘commercial’ – legal entity)
- ✓ **key_word** – client number
- ✓ **EIN** – BULSTAT of legal entity or Personal No./EGN for natural person
- ✓ **dds_ein** – UIC per VAT
- ✓ **address** - address
- ✓ **addresses** – addresses for courier activity
- ✓ **city_post_code** – post code
- ✓ **city** – name of settlement
- ✓ **quarter** – r. quarter
- ✓ **street** – street
- ✓ **street_num** – number
- ✓ **other** – other

2.2.18. Request type "information for the customers of the current user"

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <clients>
    <client>
      <id>114241601</id>
      <ein>24145882</ein>
      <name>АЙ ТИ ПАРТНЬОР ЕООД</name>
      <name_en>AY TI PARTNAOR EOOD</name_en>
      <client_type>commercial</client_type>
      <key_word>ШН1234</key_word>
      <cd_agreements>
        <cd_agreement>
          <id>414</id>
          <num>ШН1234C0</num>
          <is_bank>1</is_bank>
        </cd_agreement>
        ...
      </cd_agreements>
      <instructions>
        <e>
          <id>315451</id>
          <type>give</type>
          <template>some_template_name</template>
          ...
        </e>
        <e>
          <id>31313</id>
          <type>return</type>
          <template>another_template_name</template>
          ...
        </e>
        ...
      </instructions>
    </client>
    ...
  </clients>
</response>
```

- ✓ **client_type** – type of client (,private’ – private person, ‘commercial’ – legal entity)
- ✓ **key_word** – client number
- ✓ **EIN** – BULSTAT of legal entity or Personal No./EGN for natural person
- ✓ **name** – name
- ✓ **name_en** – name in Latin
- ✓ **cd_agreements** – agreement for cash on delivery
- ✓ **num** – agreement number
- ✓ **is_bank** – whether the agreement is via bank (0 or 1)

2.2.19. Request type "request for verification of validity of agreement for CD"

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <is_valid>1</is_valid>
</response>
```

- ✓ **is_valid** – whether the agreement is valid

2.2.20. Request type "all not reported shipments from intermediary"

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <mediator_data>
    <num>1051805339987</num>
    <order_num>438612</order_num>
    <delivered>1</delivered>
    <CD_status>1</CD_status>
    <receiver_get_person>Пламена Стоянова</receiver_get_person>
    <receiver_give_time>2012-12-28 11:26:27</receiver_give_time>
    <sender_city>София</sender_city>
    <sender_name>Юрий Иванов Христов</sender_name>
    <receiver_city>Варна</receiver_city>
    <receiver_name>Пламена Стоянова</receiver_name>
    <has_return_instruction>0</has_return_instruction>
  </mediator_data>
</response>
```

- ✓ **num** – waybill number
- ✓ **order_num** – transaction number
- ✓ **delivered** – is the shipment delivered (1 = delivered, 0 = not delivered)
- ✓ **CD_status** – status of cash on delivery (1 = paid, 0 = not paid)
- ✓ **receiver_get_person** – delivered to addressee
- ✓ **receiver_give_time** – delivered on date
- ✓ **sender_city** – settlement of sender
- ✓ **sender_name** – sender
- ✓ **receiver_city** – settlement of addressee
- ✓ **receiver_name** – получател
- ✓ **has_return_instruction** – whether on the shipment there is a disposition for return (1 = yes, 0 = no)

2.3. Structure of XML request.

```
<?xml version="1.0" ?>
<request>
  <system>
    <response_type>XML</response_type>
    <api_action>validate</api_action>
  </system>

  <client>
    <username>icygen</username>
    <password>icygen</password>
  </client>

  <request_type>e_econt_registration</request_type>

  <data>
    <legal_status>commercial</legal_status>
    <firstname></firstname>
    <surname></surname>
    <lastname></lastname>
    <pin_type></pin_type>
    <pin></pin>
    <email>ebelichevaaa@icygen.com</email>
    <phone>479-4347-3473</phone>

    <company_name>Icygen</company_name>
    <taxaddress>Пловдив, ул Васил Априлов 8</taxaddress>
    <bulstat>75437589457</bulstat>
    <yin_code>BG</yin_code>
    <yin></yin>
    <mol>mol</mol>
    <invoice_recipient>Elena Belicheva</invoice_recipient>
    <client_number>74583941234</client_number>

    <personal_city>Пловдив</personal_city>
    <personal_street>Васил Априлов</personal_street>
    <personal_street_number>8</personal_street_number>
    <personal_quarter>Васил Априлов</personal_quarter>
    <personal_other></personal_other>
    <personal_block></personal_block>
    <personal_entrance></personal_entrance>
    <personal_floor></personal_floor>
    <personal_appartment></personal_appartment>
    <contact_person>Елена Беличева</contact_person>

    <ship_city>Пловдив</ship_city>
    <id_office>37</id_office>
    <ship_street>бул. Васил Априлов</ship_street>
    <ship_street_number>9</ship_street_number>
    <ship_quarter>Васил Априлов</ship_quarter>
    <ship_other></ship_other>
    <ship_block></ship_block>
    <ship_entrance></ship_entrance>
    <ship_floor></ship_floor>
    <ship_appartment></ship_appartment>

  </data>
</request>
```

- ✓ **legal_status** – status of the registrant (legal entity / natural person)
- ✓ **firstname** – first name of natural person
- ✓ **surname** – surname of natural person
- ✓ **lastname** – last name of natural person
- ✓ **pin_type** – Personal No./EGN/PNFP/ID card/Passport
- ✓ **pin** – Personal No./EGN of natural person (it is validated if for type is selected EGN)

- ✓ **email** – e-mail for receiving information electronically from Econt Express OOD
- ✓ **phone** – phone for contact
- ✓ **company_name** – company name
- ✓ **bulstat** – IN/BULSTAT
- ✓ **yin_code** – prefix for VAT IN
- ✓ **yin** – VAT IN
- ✓ **mol** - accountable person
- ✓ **invoice_recipient** – recipient for invoice
- ✓ **client_number** – client number
- ✓ **contact_person** – person for contacts

Registered address / Tax address:

- ✓ **personal_city** – settlement
- ✓ **personal_street** - street
- ✓ **personal_street_number** - number
- ✓ **personal_quarter** - quarter
- ✓ **personal_other** - other
- ✓ **personal_block** - bloc
- ✓ **personal_entrance** - entrance
- ✓ **personal_floor** - floor
- ✓ **personal_apartment** - apartment

Address for courier activity:

- ✓ **ship_city** – settlement
- ✓ **id_office** – ID of the office servicing the settlement
- ✓ **ship_street** - street
- ✓ **ship_street_number** - number
- ✓ **ship_quarter** - quarter
- ✓ **ship_other** - other
- ✓ **ship_block** - bloc
- ✓ **ship_entrance** - entrance
- ✓ **ship_floor** - floor
- ✓ **ship_apartment** – apartment

2.4. XML response from the script

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <e_econt_registration>
    <notice>Операцията премина успешно. To the email for correspondence was sent a letter from ECONT EXPRESS with a link to activate your account, which will be valid 24 hours!</notice>
  </e_econt_registration>
</response>
```