Estonian Tax and Customs Board

This is an unofficial translation of "Elektrooniline Hasartmängu Aruandlus (EHMA) X-tee teenuste spetsifikatsioon". In case of any difference in meaning the original Estonian text applies.

**Electronic Gambling Reporting System (EHMA)
X-road services specification**

Document History

Date	Version	Description	Author
12.12.2011	1.02	EHMA specification	ETCB
28.07.2015	2.0	EHMA2	ETCB, IT Centre of the Ministry of Finance
12.10.2015	2.1	The testing of Gambling Declaration (HMD) and EHMA	ETCB, IT Centre of the Ministry of Finance
31.10.2016	2.21	New xml examples due to the x-road version update	IT Centre of the Ministry of Finance

Sisukord

Introduction

In accordance with the Gambling Act (HasMS § 58), gambling operators (hereinafter operator) starting from 01.01.2012 are required to create a system that will allow Estonian Tax and Customs Board to make queries into the Electronic Record-keeping and Control System (elektrooniline arvestus- ja kontrollisüsteem, EAKS).

The Electronic Gambling Reporting System (elektrooniline hasartmängu aruandluse süsteem, EHMA) enables Estonian Tax and Customs Board access to operators' EAKS information systems and allows to query gambling data through the use of X-road data exchange services.
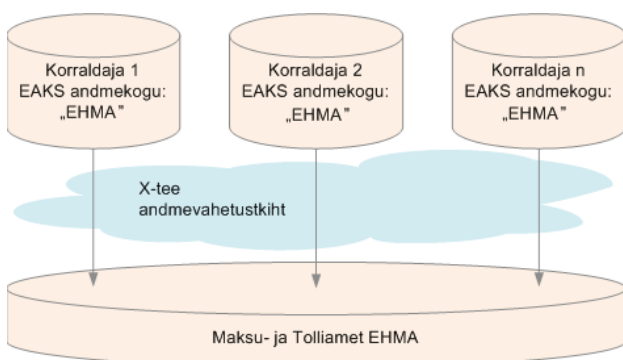

Figure 1. General design of the EHMA system architecture.

For each gambling operator a database is registered in the Management System of the State Information System (Riigi infosüsteemi haldussüsteem, RIHA). Operators have introduced information and communication technology solutions which enable them to provide information disclosure services to the Estonian Tax and Customs Board.

~~The name of database is in the form of: ehma registration number (registration number is a number issued to the operator by the Commercial Register or a non-resident number, for example: 'ehma 12345678').~~
Due to the x-road version update it is necessary to use service namespace address „http://ehma-00000000.x-road.eu". 00000000 should be replaced with enterprise registration code.

EHMA services

EHMA services enable to perform queries into the EAKS database, thereby connecting the gambling operator's system with the information system of the Estonian Tax and Customs Board. Operators must develop the relevant EHMA services, i.e. which games are actually organised or will be organised in the near future by this operator.

Reference documents

1. Gambling Act (*Hasartmänguseadus*, HasMS)
   www.riigiteataja.ee/akt/106012011011?leiaKehtiv
   www.riigiteataja.ee/en/eli/ee/509012015007/consolide/current
2. List and procedure for entry of data registered in the electronic recordkeeping and control system of gambling operators and procedure for connecting an electronic recordkeeping and control system to the information system of the Estonian Tax and Customs Board: https://www.riigiteataja.ee/akt/126062012003?leiaKehtiv
3. EHMA services specifications and WSDL description[1] can be found on the ETCB website   http://www.emta.ee/et/ariklient/aktsiisid-vara-hasartmang/elektrooniline-hasartmangu-aruandlus.
4. Guide: Registration of a gambling operator's Electronic Record-keeping and Audit System (EAKS) in RIHA:
   https://moodle.ria.ee/mod/resource/view.php?id=125
   https://www.ria.ee/public/RIHA/EAKSi_kirjeldamine_juhend_v2.pdf

General requirements to the gambling operator's IT solution

1. The system corresponds to ISKE (www.ria.ee/iske) security class S2K1T2. The operator is responsible for the application of security measures in the IT solution, including confidentiality, availability and integrity of the IT solution.

2. The currency is the euro and all amounts must be denominated in euros, fractional amounts are rounded to two decimal places. If a currency other than the euro is used during gambling/bet placing, the operator will convert the currency in accordance with the daily exchange rate provided by Bank of Estonia.

3. The format of date and time: "yyyy-mm-ddHhh:mm:ss+00:00" (yyyy-year, mm-month, dd-day, hh-hour, mm-minute, ss-second), GMT+0:00 time. The format of the date is: "yyyy-mm-dd".

4. If an operator caching (including partially) EAKS data, it is mandatory that they provide the dates that the cached data are created and modified.

5. Entry/object IDs that are used in responses to queries for EHMA registries must be the same as the unique IDs that are used by the operator in EAKS.

6. Attachment Content-Transfer-Encoding is of binary type (if Content-Transfer-Encoding: binary is used, XML should not be encoded in base64).

7. All data fields are mandatory unless specified otherwise.

8. All numbers must be positive.

9. The file name of a PDF file identifies the file. Each name must be unique in the operator's system, case sensitive, may contain (*ISO/IEC 10646 basic Latin alphabet*) symbols, numbers and '_'. Spaces are not permitted. The name of the document must begin with the date that the file was created using the format YYYYMMDD, containing the register number (the register number is the operator's number issued by the Commercial Register or a non-resident number) and the file extension '.pdf'.
   Example: '20121224_12345678_… .pdf'.

WSDL - Web Services Description Language (WSDL) 1.1 http://www.w3.org/TR/wsdl. EHMA WSDL on osa EHMA spetsifikatsioonist.

10. In case the service uses XML attachments it is necessary to compress the attachments in GZIP format. Compression of PDF attachments is not required. Example of a compressed file name: '20121224_12345678_… .gz'.

11. In the registry data of gambling hardware and software, start time is the time when gambling hardware or software was connected to the EAKS network, and end time is the time when gambling hardware or software was disconnected from the EAKS network. A new database entry is created for each change.

12. The ship name serves as an address of a ship-based casino.

13. An Estonian operator is a gambling operator that complies with the provisions of the Estonian Gambling Act, including the possession of Estonian activity licence.

14. A gambler is a natural person who is participating in gambling through the website or software of an Estonian operator.

The XML query of X-road consists of a header and body. The header follows a standardised structure.

Header element	Type	Description
asutus	string	The code of organization on whose behalf services are used. In case of EHMA the user of services is Estonian Tax and Customs Board (code: 70000349).
andmekogu	string	Database name. EHMA code_of_operator (eg EHMA-123456789).
isikukood	string	Personal ID number of the person entering the query (natural person), preceded by a two digit country code. The personal ID number of the process owner (person responsible for the business process within the organisation) in case of an automated process. For example: EE37702026518.
id	string	The unique identifier of the service call. For example: 8318c9e75932b97a43dafe982d3317af1963939a8a9892c0c437
nimi	string	Service name. n. ehma-123456789.EHMAOMA.v1.
toimik	string	Present but not in use.

Table 1 Data service header elements (source: RIA guide, page 8)

During the year 2016, the ETCB services will be transitioned to the X-road version 6 with one outcome of this transition is that the message header structure will change. Implementation of the electronic gambling tax return system is scheduled for the start of the year 2016 and therefore the examples provided in this specification contain the old header structure. More detailed information on the transition to X-road version 6 is available on https://www.ria.ee/xtee-v6-kasutuselevott.
In document version 2.1 there are renewed examples of EHMA xml services requests and responses that are compatible with x-road version 6.

NB! Questions related to X-road hardware and software should be addressed to RIA (help@ria.ee)

EHMA services groups

EHMA services are divided into groups in accordance with the service's designation:

Total amounts on games played during a queried period:

- Slot machine games (EHMAOMA)
- Gaming table games (EHMAOML)
- Remote gambling (EHMAKAM1)
- Tournament games of chance (EHMATUR1)
- Tournament games of chance (EHMATUR3, ring games)
- Additional game of chance (EHMAOMT1)

Gaming equipment registers:
- The registry of slot machines (EHMAATM1)
- The registry of software used in slot machines (EHMAATM2)
- Document (EHMAATM3)
- The registry of gaming tables (EHMAMLR)

Detailed information on games played:
- Remote gambling funds transfers (EHMAKAM2)
- Tournament games of chance (EHMATUR2)
- Additional game of chance (EHMAOMT2)
- Modified data (EHMAAUDIT)

EHMA services description along with the data structure of input and output queries is presented in chapters below.

1.   EHMAOMA

The service "Slot machine games" (EHMAOMA) enables to query slot machines data summarized for the query's input period. If necessary it is also possible to use the service to transmit data on electronic gaming tables, the ETCB does not take into account electronic gaming table data in the calculation of turnover from slot machines. The operator will decide which service (either OMA or OML) they wish to use to submit data on electronic gaming tables.

The equipment (slot machines and/or electronic gaming tables) in use specified in ATM1/MLR register must be accounted for in OMA data in exactly the same configuration.

If the daily revenue of the slot machine is 0, its daily data linked to <slotid>: <gameplay>, <drop>, <coinin> and <coinout> will also be 0.

Input

Andmeväli	XML tag	Andmetüüp	Comment
Perioodi alguse kuupäev / Start date	<startd>	date	Starting from yyyy-mm-ddT00:00:00+00:00
Perioodi lõpu kuupäev / End date	<endd>	date	Until yyyy-mm-ddT23:59:59+00:00

Output

Andmeväli	XML tag	Andmetüüp	Kommentaar
Automaadi ID / Slot ID	<slotid>	string varchar2 (25)	Unique identifier - a number assigned to gaming equipment by the operator.
Klassifikaator: mänguautomaat / elektrooniline mängulaud Classifier: slot machine / gaming table	<orgform>	string varchar2 (3)	Possible values: a) slot machine (OMA), b) electronic gaming table (OML).

			Used to filter out electronic gaming tables in the calculation of the revenue from slot machines.
Mängitud mängude arv / Games played	<gameplay>	nonNegativeInteger number (10,0)	Number of games played.
Automaati sisestatud summa / Drop	<drop>	decimal number (12,2)	Total amount of money or equivalent means (such as chips, cheques) inserted.
Tehtud panuste summa / Coin in	<coinin>	decimal number (12,2)	Total amount of bets made on games (*credits*).
Saadud võitude summa / Coin out	<coinout>	decimal number (12,2)	Total amount of winnings from games.

2.   EHMAOML

The service "Gaming table games" (EHMAOML) enables to query gaming table data summarized for the query's input period.

The equipment in use specified in MLR register must be accounted for in OML data in exactly the same configuration.

If the daily revenue of the gaming table is 0, its daily data linked to <gametabid>: <ofloat>, <cfloat> and other such data will also be 0.

Input

Andmeväli	XML tag	Andmetüüp	Kommentaar
Perioodi alguse kuupäev / Start date	<startd>	date	Starting from yyyy-mm-ddT00:00:00+00:00
Perioodi lõpu kuupäev / End date	<endd>	date	Until yyyy-mm-ddT23:59:59+00:00

Output

Andmeväli	XML tag	Andmetüüp	Kommentaar
Laua ID / Game table ID	<gametabid>	string varchar2 (25)	Unique Identifier - a number assigned to gaming equipment by the operator. [2]
Žetoonide algväärtus / Opening float	<ofloat>	decimal number (12,2)	The value of chips used at the gaming table when the table is opened (*opening float*).
Žetoonide lõppväärtus / Closing float	<cfloat>	decimal number (12,2)	The value of chips used at the gaming table when the table is closed (*closing float*).
Žetoonide suurenemine / Fill	<fill>	decimal number (12,2)	Gaming table data regarding an increase in the total value of chips during the time the gaming table is open at the cash register (*fill*).
Žetoonide vähenemine / Credit	<credit>	decimal number (12,2)	Gaming table data regarding a decrease in the total value of chips during the time the gaming table

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[2] If table game chips are exchanged in the cash register at the gaming establishment, all of the data of gaming tables located at that address will be considered to be the data of one gaming table. In that case, the cash register located at that address must be identified. The identifier must contain information on the location of the cash register.

			is open at the cash register (*credit*).
Žetoonide ostmine kliendi poolt / Drop	\<drop\>	decimal number (12,2)	Total amount of chips purchased at the gaming table in cash or not in cash (*drop*).
Saadud võitude summa / Net win	\<netwin\>	decimal number (12,2)	Net amount of winnings from games at the gaming table.

3.   EHMAKAM1

From 01/06/2015, the service is also used to transmit data on toto.

The service "Remote gambling and toto" (EHMAKAM1) enables to query aggregate data on remote gambling and toto games during the period, organised by type of game. Additional games of chance are not part of this service.

Input

Andmeväli	XML tag	Andmetüüp	Kommentaar
Perioodi alguse kuupäev / Start date	\<startd\>	date	Starting from yyyy-mm-ddT00:00:00+00:00
Perioodi lõpu kuupäev / End date	\<endd\>	date	Until yyyy-mm-ddT23:59:59+00:00

Output

Andmeväli	XML tag	Andmetüüp	Kommentaar
Liik ja nimetus / Gaming class and type	\<gametype\>	string varchar2 (10)	Game classification: 1) KOM - games of chance; 2) KTO - toto; 3) KOS – games of skill.
Tehtud panuste summa / Total bets	\<totalbet\>	decimal number (12,2)	Total amount of bets made on games (*credits*) .
Saadud võitude summa / Total wins	\<totalwin\>	decimal number (12,2)	Total amount of winnings from games.
Mängijate arv / Players number	\<playerno\>	nonNegativeInteger number (10,0)	Number of players.

4. EHMAKAM2

The service "Remote gambling and toto funds transfers" (EHMAKAM2) enables to query in the form of XML attachment by period the data for funds transfers that have taken place between the operator and gamblers during the input period. The results are sorted by the date of the transfer. Data should only be submitted on successfully completed transactions.

Input

Andmeväli	XML tag	Andmetüüp	Kommentaar
Perioodi alguse kuupäev / Start date	<startd>	date	Starting from yyyy-mm-ddT00:00:00+00:00
Perioodi lõpu kuupäev / End date	<endd>	date	Until yyyy-mm-ddT23:59:59+00:00

The output is compressed as an XML attachment

Andmeväli	XML tag	Andmetüüp	Kommentaar
Korraldaja arveldusarvele rahalistevahendite laekumise aeg / Deposit time	<depdate>	datetime	Time of transfer
Korraldaja arvele kantud summa / Deposit amount	<depam>	decimal number (12,2)	Amount deposited by a player on the bank account of the gambling operator.
Mängija arveldusarvele korraldajapoolne ülekande teostamise aeg / Withdraw time	<withddate>	datetime	Time of withdrawal transfer requested by a player to their bank account.
Mängija arvele kantud summa / Withdraw amount	<withdam>	decimal number (12,2)	Amount of withdrawal requested by a player and paid to their bank account.

5. EHMATUR1

The result of the "Tournament games of chance 1" (EHMATUR1) query is the data for tournament games of chance (i.e. games within the tournament system) that were organized during the query's input period and summarized for the said period.

Input

Andmeväli	XML tag	Andmetüüp	Kommentaar
Perioodi alguse kuupäev / Start date	<startd>	date	Starting from yyyy-mm-ddT00:00:00+00:00
Perioodi lõpu kuupäev / End date	<endd>	date	Until yyyy-mm-ddT23:59:59+00:00

Output

Andmeväli	XML tag	Andmetüüp	Kommentaar
Korraldamise viis / Form of organisation	<orgform>	string varchar2 (3)	Method of organisation: a) classic (KLA), b) remote gambling (KAM).
Osalustasust võidufondi minev summa / Amount deposited into pool	<poolam>	decimal number (12,2)	Total amounts collected by Estonian operators from players to buy-in, which will be added to the prize pool.
Osalustasust korraldaja teenustasuks minev summa / Total rake	<totalrake>	decimal number (12,2)	Total amounts collected by Estonian operators from players to buy-in, which will be classified as the operator's rake.
Väljamakstud summa / Total payouts	<totalpayo>	decimal number (12,2)	Total amounts of prize payouts made by Estonian operators to players.

6.   EHMATUR2

The service "Tournament games of chance 2" (EHMATUR2) enables to query the data for tournament games of chance (i.e. games within the tournament system) by the tournament end time during a given period as an XML attachment. The query's results are sorted by tournament end date.

If an operator wishes to use the TUR2 service for the purposes of compliance with the obligation under § 40 (2) of the Gambling Act, it must proceed as follows:
- Insert the data for its scheduled tournament in its system (tournament date = future date for which the tournament is scheduled, location = planned location, other data = 0).
- After the tournament is completed, adjust the initial data.

Input

Andmeväli	XML tag	Andmetüüp	Kommentaar
Perioodi alguse kuupäev / Start date	<startd>	date	Starting from yyyy-mm-ddT00:00:00+00:00
Perioodi lõpu kuupäev / End date	<endd>	date	Until yyyy-mm-ddT23:59:59+00:00

The output is compressed as an XML attachment.

Andmeväli	XML tag	Andmetüüp	Kommentaar
Turniiri ID / Tournament ID	<tourid>	string varchar2 (25)	Unique tournament game of chance identifier in the operator's system, e.g. "236300C"
Turniiri nimetus / Tournament name	<tourname>	string varchar2 (250)	Tournament name.
Korraldamise viis / Form of organisation	<orgform>	string varchar2 (3)	Method of organisation: a) classic (KLA), b) remote gambling (KAM).
Turniiri alguse aeg / Tournament start time	<tourstart>	datetime	Turniiri alguse aeg.
Turniiri lõpu aeg / Tournament end time	<tourend>	datetime	Turniiri lõpu aeg.
Võidu väljaselgitamise koht / Tournament location	<tourloc>	string varchar2 (250)	Tournament location. Physical address in case of KLA. URL in case of KAM used for access by the person to play.
Eesti korraldaja mängijate osavõtu arv / Participants number	<partno>	nonNegativeInteger number (10,0)	Number of participants of Estonian operators.
Osalustasust võidufondi minev summa / Amount deposited into pool	<poolam>	decimal number (12,2)	Total amounts collected by Estonian operators from players to buy-in, which will be added to the prize pool.
Osalustasust korraldaja teenustasuks minev summa / Total rake	<totalrake>	decimal number (12,2)	Total amounts collected by Estonian operators from players to buy-in, which will be classified as the operator's rake.
Võidufondi summa / Pricepool	<pricepool>	decimal number (12,2)	Total prize pool of the tournament.
Väljamakstud summa /	<totalpayo>	decimal	Total amounts of prize payouts

Total payouts		number (12,2)	made by Estonian operators to players.

7.   EHMATUR3

The result of the "Tournament games of chance 3" (EHMATUR3) query is the data for tournament games of chance (i.e. player vs. player ring game) that were organized during the query's input period and summarized for the said period.

Input

Andmeväli	XML tag	Andmetüüp	Kommentaar
Perioodi alguse kuupäev / Start date	<startd>	date	Starting from yyyy-mm-ddT00:00:00+00:00
Perioodi lõpu kuupäev / End date	<endd>	date	Until yyyy-mm-ddT23:59:59+00:00

Output

Andmeväli	XML tag	Andmetüüp	Kommentaar
Korraldamise viis / Form of organisation	<orgform>	string varchar2 (3)	Method of organisation of the tournament game of chance: a) classic (KLA), b) remote gambling (KAM).
Tehtud panuste summa / Total bets	<totalbet>	decimal number (12,2)	In case of remote gambling (KAM): Total amount of gross buy-ins (buy-in + fees) collected from players by Estonian operators. Blank in case of KLA.
Osalustasust korraldaja teenustasuks minev summa / Total rake	<totalrake>	decimal number (12,2)	Total rake of the Estonian operator based on bets made by players.
Väljamakstud summa / Total payouts	<totalpayo>	decimal number (12,2)	In case of remote gambling (KAM): Total amounts of prize payouts made by Estonian operators to players. Blank in case of KLA.

8.   EHMAOMT1

The service "Additional game of chance 1" (EHMAOMT1) enables to query additional game of chance data summarized for the query's input period.

Input

Andmeväli	XML tag	Andmetüüp	Kommentaar
Perioodi alguse kuupäev / Start date	<startd>	date	Starting from yyyy-mm-ddT00:00:00+00:00
Perioodi lõpu kuupäev / End date	<endd>	date	Until yyyy-mm-ddT23:59:59+00:00

Output

Andmeväli	XML tag	Andmetüüp	Kommentaar
Väljamakstud võidud / Raffle payouts	<rafpayo>	decimal number (12,2)	Total amount of prizes paid out in additional games of chance.
Täiendava õnnemängu loosimise viis / Drawing method of raffle	<orgform>	string varchar2 (3)	Potential values: a) classic (KLA) b) remote gambling (KAM) Used to calculate the tax liability.

9.   EHMAOMT2

The service "Additional game of chance 2" (EHMAOMT2) enables to query the data for all additional games of chance that have been completed during the input period by the time that the winnings are determined. The result is returned in the form of XML attachment and is sorted by the time and date of the winnings. Additional games of chance allow a gambler to win two or more different prizes simultaneously. It is also possible that a prize from an additional game of chance is collected from only one slot machine or table bets. The data for remote additional games of chance must be submitted if a player of an Estonian operator has won a prize.

Input

Andmeväli	XML tag	Andmetüüp	Kommentaar
Perioodi alguse kuupäev / Start date	\<startd\>	date	Starting from yyyy-mm-ddT00:00:00+00:00
Perioodi lõpu kuupäev / End date	\<endd\>	date	Until yyyy-mm-ddT23:59:59+00:00

The output is compressed as an XML attachment.

Andmeväli	XML tag	Andmetüüp	Kommentaar
Täiendava õnnemängu ID / Raffle ID	\<rafid\>	string varchar2 (25)	Unique additional game of chance identifier of an operator (IS) e.g. "96312MY".
Täiendava õnnemängu loosimise viis / Drawing method of raffle	\<orgform\>	string varchar2 (3)	Potential values: a) classic (KLA) b) remote gambling (KAM)
Täiendava õnnemängu nimetus / Name of raffle	\<nameraf\>	string varchar2 (250)	Name of additional game of chance .
Võidu selgumise aeg / Raffle time	\<raftime\>	datetime	Time and date of the award of prizes for an additional game of chance.
Väljamakstud võidud / Raffle payouts	\<rafpayo\>	decimal number (12,2)	Total amount of prizes paid out in additional games of chance.

10. EHMAATM1

The service "The registry of slot machines" (EHMAATM1) enables to retrieve the data on slot machines that were in use in operator's gaming locations during a casino business day specified by the input query.

Input

Andmeväli	XML tag	Andmetüüp	Kommentaar
Kasiinopäev / Casino business day	<casinobday>	date	Korraldaja poolt defineeritav kasiinopäev.

Output

Andmeväli	XML tag	Andmetüüp	Kommentaar
Automaadi ID / Slot ID	<slotid>	string varchar2 (25)	Unique identifier, at any time only up to one **valid** entry may exist in the registry.
Automaadi seerianumber / Slot serial number	<slotno>	string varchar2 (100)	Seerianumber.
Automaadi mudeli number / Slot model number	<slotmno>	string varchar2 (100)	Mudeli number.
Automaadi valmistamise aeg / Slot manufacture date	<slotmnfd>	date	Valmistamise aeg.
Automaadi tootja / Slot manufacturer	<slotmnf>	string varchar2 (100)	Tootja nimi.
Automaadi dokumendi PDF faili nimi (ID) / Evidence of slot ownership PDF file name (ID)	<evidslotown>	string varchar2 (100)	Mänguautomaadi kasutusõigust tõendava dokumendi ärakiri.
Automaadi aadress[3] – linn / Slot address-city	<slotadc>	string varchar2 (100)	Asukoha aadress.
Automaadi aadress – tänav / Slot address-street	<slotadst>	string varchar2 (100)	
Automaadi aadress – maja nr / Slot address-nouse number	<slotadhno>	string varchar2 (100)	
Kasutuse alguse aeg / Use start time	<usestarttime>	datetime	Kasutuse alguse kuupäev ja kellaaeg. aaaa-kk-ppTtt:mm:ss+00:00
Kasutuse lõpu aeg[4] / Use end time	<useendtime>	datetime	Kasutuse lõpu kuupäev ja kellaaeg. aaaa-kk-ppTtt:mm:ss+00:00

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[3] The ship name serves as an address of a ship-based gaming machine. The ship name is entered instead of the city and the street and house number will be left blank.
[4] The end of use time field is not mandatory if usage has not ended.

11. EHMAATM2

The service "The registry of slot machine software" (EHMAATM2) enables to retrieve the data from the slot machine software registry that were in use in operator's gaming locations during a casino business day specified by the input query.

Input

Andmeväli	XML tag	Andmetüüp	Kommentaar
Kasiinopäev / Casino business day	<casinobday>	date	Korraldaja poolt defineeritav kasiinopäev.

Output

Andmeväli	XML tag	Andmetüüp	Kommentaar
Mängu ID / Game ID	<gameid>	string varchar2 (25)	Unique identifier, at any time only up to one **valid** entry may exist in the registry.
Mängu nimi / Game name	<gamename>	string varchar2 (100)	Game name, also contains the software number.
Mängu versiooni number / Game version / software number	<gameversofno>	string varchar2 (100)	Versiooni number.
Mängu soetamise aeg[5] / Game purchase date	<gamepurchd>	date	Mängu soetamise aeg.
Mängu tootja / Game manufacturer	<gamemnf>	string varchar2 (100)	Tootja nimi.
Vastavussertifikaadi number / Certificate of compliance number	<certcompno>	string varchar2 (100)	Sõltumatu eksperdi hinnangu number.
Vastavussertifikaadi kuupäev / Certificate of compliance date	<certcompd>	date	Sõltumatu eksperdi hinnangu väljastamise kuupäev.
Sõltumatu eksperdi nimi / Name of independent expert	<nameindpex>	string varchar2 (100)	Sõltumatu eksperdi nimi.
Vastavussertifikaadi PDF faili nimi (ID) / Assessment of independent expert PDF file name (ID)	<assindpex>	string varchar2 (100)	Sõltumatu eksperdi hinnangu ärakiri.
Mängu dokumendi PDF faili nimi (ID) / Evidence of game ownership PDF file name (ID)	<evidgameown>	string varchar2 (100)	Kasutusõigust tõendava dokumendi ärakiri.
Kasutuse alguse aeg / Use start time	<usestarttime>	datetime	Kasutuse alguse kuupäev ja kellaaeg. aaaa-kk-ppTtt:mm:ss+00:00
Kasutuse lõpu aeg[6] / Use end time	<useendtime>	datetime	Kasutuse lõpu kuupäev ja kellaaeg. aaaa-kk-ppTtt:mm:ss+00:00

---

[5] The former "Date of manufacture" subject to amendment in Gambling Act draft.
[6] The end of use time field is not mandatory if usage has not ended.

12. EHMAATM3

The service "Document" (EHMAATM3) enables to retrieve a PDF file from the registry of slot machines or the registry of software used in slot machines of an operator by providing the file name in input query.

Input

Andmeväli	XML tag	Andmetüüp	Kommentaar
Dokumendi PDF faili nimi (ID) / Document PDF file name (ID)	<filename>	string varchar2 (100)	Dokumendi PDF faili nimi / identifikaator (<evidslotown>; <evidgameown>; <assindpex>)

Output

Andmeväli	XML tag	Andmetüüp	Kommentaar
Dokument / Document	<document>	MIME[7]	A file sent as an attachment may be a copy of a document confirming the acquisition or lease of a slot machine or a game document or certificate of conformity. The file must be in PDF format. The file size must not exceed 10 MB, however the document must be legible. Content-Type: application/pdf Content-Transfer-Encoding: binary

13. EHMAMLR

The service "The registry of gaming tables" (EHMAMLR) enables to retrieve the data on the gaming tables that were in use in operator's gaming locations during a casino business day specified by the input query.

Input

Andmeväli	XML tag	Andmetüüp	Kommentaar
Kasiinopäev / Casino Business Day	<casinobday>	date	Korraldaja poolt defineeritav kasiinopäev.

Output

Andmeväli	XML tag	Andmetüüp	Kommentaar
Laua ID / Game table ID	<gametabid>	string varchar2 (25)	Unique identifier, at any time only up to one **valid** entry may exist in the registry.
Laua aadress[8] – linn / Game table address-City	<gametabadc>	string varchar2 (100)	Mängulaua asukoha aadress.
Laua aadress – tänav / Game table address-Street	<gametabadst>	string varchar2 (100)	
Laua aadress – maja nr / Game table address-House No	<gametabadhno>	string varchar2 (100)	
Kasutuse alguse aeg / Use start time	<usestarttime>	datetime	Kasutuse alguse kuupäev ja kellaaeg. aaaa-kk-ppTtt:mm:ss+00:00
Kasutuse lõpu aeg[9] /	<useendtime>	datetime	Kasutuse lõpu kuupäev ja

---

[7] *Multipart Internet Mail Extensions*

[8] The ship name serves as an address of a ship-based gaming table. The ship name is entered instead of the city and the street and house number will be blank.

Use end time			kellaaeg. aaaa-kk-ppTtt:mm:ss+00:00

14. EHMAAUDIT

The service "Modified data" (EHMAAUDIT) enables to retrieve information about data modifications by the operator that have taken place in EAKS buffer database after the initial creation of the data. The input query parameters are period and service code. The results are sorted by the casino business day and data modification time.

An operator may use EAKS buffer database in case when it is technically not feasible to allow a direct query of data regarding specific services from the original EAKS database. In such cases all entries in the EAKS buffer database should contain information about when original entry has been created and their last modification time as recorded by the operator.

Input

Andmeväli	XML tag	Andmetüüp	Kommentaar
Perioodi alguse kuupäev / Start date	<startd>	Date	Alates kasiinopäeva kellaajast aaaa-kk-ppT00:00:00+00:00
Perioodi lõpu kuupäev / End date	<endd>	Date	Kuni kasiinopäeva kellaajani aaaa-kk-ppT23:59:59+00:00
Teenuse kood / Sevice code	<servicecode>	String varchar2 (10)	Service code refers to a service using EAKS buffer. Service code are: **OMA** - "Mängud automaatidel", **OML** - "Mängud laudadel", **TURT** - "Õnnemänguturniirid", **TURR** - "Ringmängud", **OMT** - "Täiendavad õnnemängud", **KAM** - "Kaughasartmängud".

The output is compressed as an XML attachment.

Andmeväli	XML tag	Andmetüüp	Kommentaar
Kasiinopäev / Casino Business Day	<casinobday>	Date	Korraldaja poolt defineeritav kasiinopäev.
Objekti ID / Object ID	<objid>	String varchar2 (250)	Data that enable an object to be uniquely identified. 1. For TUR, one by one regarding those entries that have been modified, object ID is <tourid> 2. For OMA, one machine at a time, object ID is <slotid> 3. For OML, one machine at a time, object ID is <gametabid> 4. For OMT, one game at a time, object ID is <rafid> 5. For KAM, object ID is <gametype>
Andmete loomise aeg / Created time	<createtime>	datetime	Kuupäev ja kellaaeg. aaaa-kk-ppTtt:mm:ss+00:00
Andmete muutmise aeg / Modified time	<moditime>	datetime	Kuupäev ja kellaaeg. aaaa-kk-ppTtt:mm:ss+00:00

---

[9] The end of use time field is not mandatory if usage has not ended.

ANNEX 1. Examples of XML queries

Below are some examples of XML query inputs and outputs of EHMA services ~~(these services will change as a result of the project for the electronic solution for filing gambling tax returns)~~.

1. Example of EHMAOMA service query

```xml
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
        xmlns:xrd="http://x-road.eu/xsd/xroad.xsd"
        xmlns:id="http://x-road.eu/xsd/identifiers">
    <SOAP-ENV:Header>
        <xrd:client id:objectType="SUBSYSTEM">
            <id:xRoadInstance>ee-dev</id:xRoadInstance>
            <id:memberClass>GOV</id:memberClass>
            <id:memberCode>70000349</id:memberCode>
            <id:subsystemCode>ehma-client</id:subsystemCode>
        </xrd:client>
        <xrd:service id:objectType="SERVICE">
            <id:xRoadInstance>ee-dev</id:xRoadInstance>
            <id:memberClass>COM</id:memberClass>
            <id:memberCode>00000000</id:memberCode>
            <id:subsystemCode>ehma</id:subsystemCode>
            <id:serviceCode>EHMAOMA</id:serviceCode>
            <id:serviceVersion>v1</id:serviceVersion>
        </xrd:service>
        <xrd:userId>EE70000349</xrd:userId>
        <xrd:id>4894e35d-bf0f-44a6-867a-8e51f1daa7e1</xrd:id>
        <xrd:protocolVersion>4.0</xrd:protocolVersion>
    </SOAP-ENV:Header>
    <SOAP-ENV:Body>
        <ehma:EHMAOMA xmlns:ehma="http://ehma-00000000.x-road.eu">
            <keha>
                <startd>2015-07-24</startd>
                <endd>2015-07-25</endd>
            </keha>
        </ehma:EHMAOMA>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Comment [MT1]: ETCB will register subsystem "ehma-client", what is necessary so that ETCB could do requests to gambling operator's subsystem called "ehma" (this is implied to all EHMA services)

Comment [MT2]: To offer EHMA services gambling operator registrite subsystem called "ehma" (this is implied to all EHMA services).

Comment [MT3]: Gambling operators will use service namespace address "http://ehma-00000000.x-road.eu". 00000000 should be replaced with enterprise registration code.

```xml
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
        SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
    <SOAP-ENV:Header xmlns:xtee="http://x-tee.riik.ee/xsd/xtee.xsd">
        <xtee:asutus>70000349</xtee:asutus>
        <xtee:andmekogu>ehma-00000000</xtee:andmekogu>
        <xtee:isikukood>EE00000000000</xtee:isikukood>
        <xtee:id>123456</xtee:id>
        <xtee:nimi>ehma-00000000.EHMAOMA.v1</xtee:nimi>
        <xtee:toimik>MTA andmepump</xtee:toimik>
    </SOAP-ENV:Header>
    <SOAP-ENV:Body>
        <ehma:EHMAOMA xmlns:ehma="http://producers.ehma-
00000000.xtee.riik.ee/producer/ehma-00000000">
            <keha>
                <startd>2015-07-24</startd>
                <endd>2015-07-25</endd>
            </keha>
        </ehma:EHMAOMA>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

2. Example of EHMAOMA service query result

```xml
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
```

```
        xmlns:xrd="http://x-road.eu/xsd/xroad.xsd"
        xmlns:id="http://x-road.eu/xsd/identifiers">
    <SOAP-ENV:Header>
        <xrd:client id:objectType="SUBSYSTEM">
            <id:xRoadInstance>ee-dev</id:xRoadInstance>
            <id:memberClass>GOV</id:memberClass>
            <id:memberCode>70000349</id:memberCode>
            <id:subsystemCode>ehma-client</id:subsystemCode>
        </xrd:client>
        <xrd:service id:objectType="SERVICE">
            <id:xRoadInstance>ee-dev</id:xRoadInstance>
            <id:memberClass>COM</id:memberClass>
            <id:memberCode>00000000</id:memberCode>
            <id:subsystemCode>ehma</id:subsystemCode>
            <id:serviceCode>EHMAOMA</id:serviceCode>
            <id:serviceVersion>v1</id:serviceVersion>
        </xrd:service>
        <xrd:userId>EE70000349</xrd:userId>
        <xrd:id>4894e35d-bf0f-44a6-867a-8e51f1daa7e1</xrd:id>
        <xrd:protocolVersion>4.0</xrd:protocolVersion>
        <xrd:requestHash algorithmId="http://www.w3.org/2001/04/xmlenc#sha512">
            9e7a67761384d58808f691733b6c7c0a</xrd:requestHash>
    </SOAP-ENV:Header>
    <SOAP-ENV:Body>
        <ehma:EHMAOMAResponse xmlns:ehma="http://ehma-00000000.x-road.eu">
            <paring>
                <startd>2015-07-24</startd>
                <endd>2015-07-25</endd>
            </paring>
            <keha>
                <oma>
                    <slotid>100</slotid>
                    <gameplay>312</gameplay>
                    <drop>4980.00</drop>
                    <coinin>239.00</coinin>
                    <coinout>2257.00</coinout>
                    <orgform>OML</orgform>
                </oma>
                <oma>
                    <slotid>1036</slotid>
                    <gameplay>311</gameplay>
                    <drop>4305.00</drop>
                    <coinin>1190.00</coinin>
                    <coinout>412.00</coinout>
                    <orgform>OMA</orgform>
                </oma>
            </keha>
        </ehma:EHMAOMAResponse>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

```
?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
    SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
    <SOAP-ENV:Header xmlns:xtee="http://x-tee.riik.ee/xsd/xtee.xsd">
        <xtee:asutus>70000349</xtee:asutus>
        <xtee:andmekogu>ehma-00000000</xtee:andmekogu>
        <xtee:isikukood>EE00000000000</xtee:isikukood>
        <xtee:id>123456</xtee:id>
        <xtee:nimi>ehma-00000000.EHMAOMA.v1</xtee:nimi>
        <xtee:toimik>MTA andmepump</xtee:toimik>
    </SOAP-ENV:Header>
    <SOAP-ENV:Body>
        <ehma:EHMAOMAResponse xmlns:ehma="http://producers.ehma-
00000000.xtee.riik.ee/producer/ehma-00000000">
            <paring>
```

```
            <startd>2015-07-24</startd>
            <endd>2015-07-25</endd>
        </paring>
        <keha>
            <oma>
                <slotid>100</slotid>
                <gameplay>312</gameplay>
                <drop>4980.00</drop>
                <coinin>239.00</coinin>
                <coinout>2257.00</coinout>
                <orgform>OML</orgform>
            </oma>
            <oma>
                <slotid>1036</slotid>
                <gameplay>311</gameplay>
                <drop>4305.00</drop>
                <coinin>1190.00</coinin>
                <coinout>412.00</coinout>
                <orgform>OMA</orgform>
            </oma>
        </keha>
    </ehma:EHMAOMAResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

3. Example of EHMAOMT1 service query

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
        xmlns:xrd="http://x-road.eu/xsd/xroad.xsd"
        xmlns:id="http://x-road.eu/xsd/identifiers">
    <SOAP-ENV:Header>
        <xrd:client id:objectType="SUBSYSTEM">
            <id:xRoadInstance>ee-dev</id:xRoadInstance>
            <id:memberClass>GOV</id:memberClass>
            <id:memberCode>70000349</id:memberCode>
            <id:subsystemCode>ehma-client</id:subsystemCode>
        </xrd:client>
        <xrd:service id:objectType="SERVICE">
            <id:xRoadInstance>ee-dev</id:xRoadInstance>
            <id:memberClass>COM</id:memberClass>
            <id:memberCode>00000000</id:memberCode>
            <id:subsystemCode>ehma</id:subsystemCode>
            <id:serviceCode>EHMAOMT1</id:serviceCode>
            <id:serviceVersion>v1</id:serviceVersion>
        </xrd:service>
        <xrd:userId>EE70000349</xrd:userId>
        <xrd:id>4894e35d-bf0f-44a6-867a-8e51f1daa7e2</xrd:id>
        <xrd:protocolVersion>4.0</xrd:protocolVersion>
    </SOAP-ENV:Header>
    <SOAP-ENV:Body>
        <ehma:EHMAOMT1 xmlns:ehma="http://ehma-00000000.x-road.eu">
            <keha>
                <startd>2015-07-24</startd>
                <endd>2015-07-25</endd>
            </keha>
        </ehma:EHMAOMT1>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
        SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
    <SOAP-ENV:Header xmlns:xtee="http://x-tee.riik.ee/xsd/xtee.xsd">
        <xtee:asutus>70000349</xtee:asutus>
        <xtee:andmekogu>ehma-00000000</xtee:andmekogu>
        <xtee:isikukood>EE00000000000</xtee:isikukood>
        <xtee:id>123458</xtee:id>
        <xtee:nimi>ehma-00000000.EHMAOMT1.v1</xtee:nimi>
        <xtee:toimik>MTA andmepump</xtee:toimik>
```

4. Example of EHMAOMT1 service query result

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
        xmlns:xrd="http://x-road.eu/xsd/xroad.xsd"
        xmlns:id="http://x-road.eu/xsd/identifiers">
    <SOAP-ENV:Header>
        <xrd:client id:objectType="SUBSYSTEM">
            <id:xRoadInstance>ee-dev</id:xRoadInstance>
            <id:memberClass>GOV</id:memberClass>
            <id:memberCode>70000349</id:memberCode>
            <id:subsystemCode>ehma-client</id:subsystemCode>
        </xrd:client>
        <xrd:service id:objectType="SERVICE">
            <id:xRoadInstance>ee-dev</id:xRoadInstance>
            <id:memberClass>COM</id:memberClass>
            <id:memberCode>00000000</id:memberCode>
            <id:subsystemCode>ehma</id:subsystemCode>
            <id:serviceCode>EHMAOMT1</id:serviceCode>
            <id:serviceVersion>v1</id:serviceVersion>
        </xrd:service>
        <xrd:userId>EE70000349</xrd:userId>
        <xrd:id>4894e35d-bf0f-44a6-867a-8e51f1daa7e2</xrd:id>
        <xrd:protocolVersion>4.0</xrd:protocolVersion>
        <xrd:requestHash algorithmId="http://www.w3.org/2001/04/xmlenc#sha512">
            f1b3acb7001c530c78119dedc19116c7</xrd:requestHash>
    </SOAP-ENV:Header>
    <SOAP-ENV:Body>
        <ehma:EHMAOMT1Response xmlns:ehma="http://ehma-00000000.x-road.eu">
            <paring>
                <startd>2015-07-24</startd>
                <endd>2015-07-25</endd>
            </paring>
            <keha>
                <omt1>
                    <rafpayo>1028160</rafpayo>
                    <orgform>KLA</orgform>
                </omt1>
                <omt1>
                    <rafpayo>1028161.30</rafpayo>
                    <orgform>KAM</orgform>
                </omt1>
            </keha>
        </ehma:EHMAOMT1Response>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

```
        <xtee:toimik>MTA andmepump</xtee:toimik>
    </SOAP-ENV:Header>
    <SOAP-ENV:Body>
        <ehma:EHMAOMT1Response xmlns:ehma="http://producers.ehma-
00000000.xtee.riik.ee/producer/ehma-00000000">
            <paring>
                <startd>2015-07-24</startd>
                <endd>2015-07-25</endd>
            </paring>
            <keha>
                <omt1>
                    <rafpayo>1028160</rafpayo>
                    <orgform>KLA</orgform>
                </omt1>
                <omt1>
                    <rafpayo>1028161.30</rafpayo>
                    <orgform>KAM</orgform>
                </omt1>
            </keha>
        </ehma:EHMAOMT1Response>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

5. Example of EHMATUR1 service query

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
        xmlns:xrd="http://x-road.eu/xsd/xroad.xsd"
        xmlns:id="http://x-road.eu/xsd/identifiers">
    <SOAP-ENV:Header>
        <xrd:client id:objectType="SUBSYSTEM">
            <id:xRoadInstance>ee-dev</id:xRoadInstance>
            <id:memberClass>GOV</id:memberClass>
            <id:memberCode>70000349</id:memberCode>
            <id:subsystemCode>ehma-client</id:subsystemCode>
        </xrd:client>
        <xrd:service id:objectType="SERVICE">
            <id:xRoadInstance>ee-dev</id:xRoadInstance>
            <id:memberClass>COM</id:memberClass>
            <id:memberCode>00000000</id:memberCode>
            <id:subsystemCode>ehma</id:subsystemCode>
            <id:serviceCode>EHMATUR1</id:serviceCode>
            <id:serviceVersion>v1</id:serviceVersion>
        </xrd:service>
        <xrd:userId>EE70000349</xrd:userId>
        <xrd:id>4894e35d-bf0f-44a6-867a-8e51f1daa7e3</xrd:id>
        <xrd:protocolVersion>4.0</xrd:protocolVersion>
    </SOAP-ENV:Header>
    <SOAP-ENV:Body>
        <ehma:EHMATUR1 xmlns:ehma="http://ehma-00000000.x-road.eu">
            <keha>
                <startd>2015-07-24</startd>
                <endd>2015-07-25</endd>
            </keha>
        </ehma:EHMATUR1>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
        SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
    <SOAP-ENV:Header xmlns:xtee="http://x-tee.riik.ee/xsd/xtee.xsd">
        <xtee:asutus>70000349</xtee:asutus>
        <xtee:andmekogu>ehma-00000000</xtee:andmekogu>
        <xtee:isikukood>EE00000000000</xtee:isikukood>
        <xtee:id>123457</xtee:id>
        <xtee:nimi>ehma-00000000.EHMATUR1.v1</xtee:nimi>
        <xtee:toimik>MTA andmepump</xtee:toimik>
    </SOAP-ENV:Header>
    <SOAP-ENV:Body>
```

```
        <ehma:EHMATUR1 xmlns:ehma="http://producers.ehma-
00000000.xtee.riik.ee/producer/ehma-00000000">
            <keha>
                <startd>2015-07-24</startd>
                <endd>2015-07-25</endd>
            </keha>
        </ehma:EHMATUR1>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

6. Example of EHMATUR1 service query result

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
        xmlns:xrd="http://x-road.eu/xsd/xroad.xsd"
        xmlns:id="http://x-road.eu/xsd/identifiers">
    <SOAP-ENV:Header>
        <xrd:client id:objectType="SUBSYSTEM">
            <id:xRoadInstance>ee-dev</id:xRoadInstance>
            <id:memberClass>GOV</id:memberClass>
            <id:memberCode>70000349</id:memberCode>
            <id:subsystemCode>ehma-client</id:subsystemCode>
        </xrd:client>
        <xrd:service id:objectType="SERVICE">
            <id:xRoadInstance>ee-dev</id:xRoadInstance>
            <id:memberClass>COM</id:memberClass>
            <id:memberCode>00000000</id:memberCode>
            <id:subsystemCode>ehma</id:subsystemCode>
            <id:serviceCode>EHMATUR1</id:serviceCode>
            <id:serviceVersion>v1</id:serviceVersion>
        </xrd:service>
        <xrd:userId>EE70000349</xrd:userId>
        <xrd:id>4894e35d-bf0f-44a6-867a-8e51f1daa7e3</xrd:id>
        <xrd:protocolVersion>4.0</xrd:protocolVersion>
        <xrd:requestHash algorithmId="http://www.w3.org/2001/04/xmlenc#sha512">
            726f5b25f13be38c3bd6962135cb6348</xrd:requestHash>
    </SOAP-ENV:Header>
    <SOAP-ENV:Body>
        <ehma:EHMATUR1 xmlns:ehma="http://ehma-00000000.x-road.eu">
            <paring>
                <startd>2015-07-24</startd>
                <endd>2015-07-25</endd>
            </paring>
            <keha>
                <tur1>
                    <totalrake>6941</totalrake>
                    <poolam>93991</poolam>
                    <totalpayo>95501</totalpayo>
                    <orgform>KLA</orgform>
                </tur1>
                <tur1>
                    <totalrake>6940.38</totalrake>
                    <poolam>93992.39</poolam>
                    <totalpayo>95500.13</totalpayo>
                    <orgform>KAM</orgform>
                </tur1>
            </keha>
        </ehma:EHMATUR1>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
        SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
    <SOAP-ENV:Header xmlns:xtee="http://x-tee.riik.ee/xsd/xtee.xsd">
        <xtee:asutus>70000349</xtee:asutus>
        <xtee:andmekogu>ehma-00000000</xtee:andmekogu>
```

```
        <xtee:isikukood>EE00000000000</xtee:isikukood>
        <xtee:id>123457</xtee:id>
        <xtee:nimi>ehma-00000000.EHMATUR1.v1</xtee:nimi>
        <xtee:toimik>MTA andmepump</xtee:toimik>
    </SOAP-ENV:Header>
    <SOAP-ENV:Body>
        <ehma:EHMATUR1Response xmlns:ehma="http://producers.ehma-
00000000.xtee.riik.ee/producer/ehma-00000000">
            <paring>
                <startd>2015-07-24</startd>
                <endd>2015-07-25</endd>
            </paring>
            <keha>
                <tur1>
                    <totalrake>6941</totalrake>
                    <poolam>93991</poolam>
                    <totalpayo>95501</totalpayo>
                    <orgform>KLA</orgform>
                </tur1>
                <tur1>
                    <totalrake>6940.38</totalrake>
                    <poolam>93992.39</poolam>
                    <totalpayo>95500.13</totalpayo>
                    <orgform>KAM</orgform>
                </tur1>
            </keha>
        </ehma:EHMATUR1Response>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Examples of XML query results for EHMA services (KAM2 and ATM3) are provided below (they are not affected by the electronic solution for filing gambling tax returns):

7. Example of EHMAATM3 service query result

Results is PDF attachment.

```
--=_133927a23f0000013e74fabcb9cbbd24
Content-Type: text/xml; charset=UTF-8
Content-Transfer-Encoding: 8bit

<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
        xmlns:xrd="http://x-road.eu/xsd/xroad.xsd"
        xmlns:id="http://x-road.eu/xsd/identifiers">
    <SOAP-ENV:Header>
        <xrd:client id:objectType="SUBSYSTEM">
            <id:xRoadInstance>ee-dev</id:xRoadInstance>
            <id:memberClass>GOV</id:memberClass>
            <id:memberCode>70000349</id:memberCode>
            <id:subsystemCode>ehma-client</id:subsystemCode>
        </xrd:client>
        <xrd:service id:objectType="SERVICE">
            <id:xRoadInstance>ee-dev</id:xRoadInstance>
            <id:memberClass>COM</id:memberClass>
            <id:memberCode>00000000</id:memberCode>
            <id:subsystemCode>ehma</id:subsystemCode>
            <id:serviceCode>EHMAATM3</id:serviceCode>
            <id:serviceVersion>v1</id:serviceVersion>
        </xrd:service>
        <xrd:userId>EE70000349</xrd:userId>
        <xrd:id>4894e35d-bf0f-44a6-867a-8e51f1daa7e4</xrd:id>
        <xrd:protocolVersion>4.0</xrd:protocolVersion>
        <xrd:requestHash algorithmId="http://www.w3.org/2001/04/xmlenc#sha512">
            97c3b3fd8e147d1d2bfa8bdf863d3494</xrd:requestHash>
    </SOAP-ENV:Header>
```

```
    <SOAP-ENV:Body>
        <ehma:EHMAATM3Response xmlns:ehma="http://ehma-00000000.x-road.eu">
            <paring>
                <filename>c1.pdf</filename>
            </paring>
            <keha>
                <document
href="cid:13392896630000011d2078dc1b98ab2a">c1.pdf</document>
            </keha>
        </ehma:EHMAATM3Response>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
--=_133927a23f0000013e74fabcb9cbbd24
Content-Type: application/pdf
Content-Disposition: attachment; filename="c1.pdf"
Content-ID: <13392896630000011d2078dc1b98ab2a>
Content-Transfer-Encoding: binary

[BINARY_PDF_BYTES]
--=_133927a23f0000013e74fabcb9cbbd24--
```

8. Example of EHMAKAM2 service query result

Results is compressed XML attachment.

```
--=_133927a23f0000013e74fabcb9cbbd24
Content-Type: text/xml; charset=UTF-8
```

```
Content-Transfer-Encoding: 8bit

<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
        xmlns:xrd="http://x-road.eu/xsd/xroad.xsd"
        xmlns:id="http://x-road.eu/xsd/identifiers">
    <SOAP-ENV:Header>
        <xrd:client id:objectType="SUBSYSTEM">
            <id:xRoadInstance>ee-dev</id:xRoadInstance>
            <id:memberClass>GOV</id:memberClass>
            <id:memberCode>70000349</id:memberCode>
            <id:subsystemCode>ehma-client</id:subsystemCode>
        </xrd:client>
        <xrd:service id:objectType="SERVICE">
            <id:xRoadInstance>ee-dev</id:xRoadInstance>
            <id:memberClass>COM</id:memberClass>
            <id:memberCode>00000000</id:memberCode>
            <id:subsystemCode>ehma</id:subsystemCode>
            <id:serviceCode>EHMAKAM2</id:serviceCode>
            <id:serviceVersion>v1</id:serviceVersion>
        </xrd:service>
        <xrd:userId>EE70000349</xrd:userId>
        <xrd:id>4894e35d-bf0f-44a6-867a-8e51f1daa7e4</xrd:id>
        <xrd:protocolVersion>4.0</xrd:protocolVersion>
        <xrd:requestHash algorithmId="http://www.w3.org/2001/04/xmlenc#sha512">
            a8c8ab3cb2ca214a5559bc43492cb95c</xrd:requestHash>
    </SOAP-ENV:Header>
    <SOAP-ENV:Body>
        <ehma:EHMAKAM2Response xmlns:ehma="http://ehma-00000000.x-road.eu">
            <paring>
                <startd>2011-11-01</startd>
                <endd>2011-11-10</endd>
            </paring>
            <keha>
                <suurus>171691</suurus>
                <manuseid href="cid:133927a23f000001643fcacd51614c16"/>
            </keha>
        </ehma:EHMAKAM2Response>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
--=_133927a23f0000013e74fabcb9cbbd24
Content-Type: application/octet-stream
Content-Disposition: attachment; filename="ehmakam2.xml.gz"
Content-ID: <133927a23f000001643fcacd51614c16>
Content-Transfer-Encoding: binary

[BINARY_GZIP BYTES]
--=_133927a23f0000013e74fabcb9cbbd24--


--=_133927a23f0000013e74fabcb9cbbd24
Content-Type: text/xml; charset=UTF-8
Content-Transfer-Encoding: 8bit

<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
        SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
    <SOAP-ENV:Header xmlns:xtee="http://x-tee.riik.ee/xsd/xtee.xsd">
        <xtee:asutus>70000349</xtee:asutus>
        <xtee:andmekogu>ehma-00000000</xtee:andmekogu>
        <xtee:isikukood>EE00000000000</xtee:isikukood>
        <xtee:id>123456</xtee:id>
        <xtee:nimi>ehma-00000000.EHMAKAM2.v1</xtee:nimi>
        <xtee:toimik>MTA andmepump</xtee:toimik>
    </SOAP-ENV:Header>
    <SOAP-ENV:Body>
```

27

```
            <ehma:EHMAKAM2Response xmlns:ehma="http://producers.ehma-
00000000.xtee.riik.ee/producer/ehma-00000000">
                <paring>
                    <startd>2011-11-01</startd>
                    <endd>2011-11-10</endd>
                </paring>
                <keha>
                    <suurus>171691</suurus>
                    <manuseid href="cid:133927a23f000001643fcacd51614e16"/>
                </keha>
            </ehma:EHMAKAM2Response>
        </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

--=_133927a23f0000013e74fabeb9cbbd24
Content-Type: application/octet-stream
Content-Disposition: attachment; filename="ehmakam2.xml.gz"
Content-ID: <133927a23f000001643fcacd51614e16>
Content-Transfer-Encoding: binary

[PLAIN GZIP BYTES HERE]
--=_133927a23f0000013e74fabeb9cbbd24--
```

ANNEX 2. The testing of Gambling Declaration (HMD) and Electronic Gambling Reporting System (EHMA) in environment provided by the Tax and Customs Board

It is possible to start with testing activities from 15.10.2015. The testing is done via the training environment of the Tax and Customs Board. The training environment contains no real data of the company. In order to enter the training environment the tester shall posses Estonian ID-card with a valid security certificate and an ID-card reader.

Before the start of the testing the company shall apply for the access to the testing environment. In order to apply please send an e-mail to ehma@emta.ee. In e-mail for each tester please provide a first name, a family name and a personal ID-code. Please also mention a period of testing activities.

Tax and Customs Board will reply to you by e-mail after access rights have been granted.

In training environment it is possible to test the submission of HMD and EHMA data update process (synchronisation of gambling organizer Tax and Customs Board databases). It is necessary to update the data in gambling organizer database before the launch of synchronization process. Synchronization process is launched via the user interface of HMD.

The synchronization of data is performed via EHMA X-road services. In order to consume (or to provide) X-road services gambling organizer shall install and configure X-road security server. **In order to participate in testing activities X-road server shall be configured to connect to X-road development environment of Tax and Customs Board.** Additional information about X-road is available on the website of Estonian Information System Authority (RIA).   Questions related to the configuration of X-road security server shall be forwarded to RIA (help@ria.ee, phone 6630230, working hours: Mon-Thu 8.30-17.00 and Fri 8.30-16.00).

Please forward all bugs discovered during the testing of HMD to ehma@emta.ee. Please provide us with a description of sequence of actions and preconditions that led to the discovery of the bug. Please also submit a screenshot, an error message (if there is any), a name and the versions of the browser used during the testing.