

No	Recommended plausibility checks CashEDI
1000	General plausibility checks
1001	The file name consists of a maximum of 80 characters and must not contain any special characters except " " and "."
1002	The file end will be created in accordance with the published overview of the naming convention of CashEDI
1003	In free text fields (eg purpose of payment) only the SWIFT character set is permitted (no umlauts etc)
1004	The purpose of payment field must contain a maximum of 4 x 35 characters
1005	The SSCC, GLN and GTIN contain a valid check digit in accordance with the GS1 check digit algorithm
1006	The SSCC is 18 digits long
1007	The GLN is 13 digits long
1008	The GTIN is 14 digits long
1009	Each notification of inpayment contains a master SSCC, which may not be used more than once within a one-year period
1010	All of the parties involved in the messages (file sender, inpayer, packer, payer, portion recipient, transporter etc) have to be registered with the Bundesbank as a customer by submitting a customer data reporting form plus as a CashEDI participant.
1011	The depositor must always be identified with a GLN. The BMS customer number can also be entered in collective lodgements if the depositor does not have its own GLN. In the GS1 XML 3.6 format, the GLN 4048888504995 issued by the Bundesbank in a uniform manner should be used as GLN. If the GLN and the BMS customer number are specified at the same time, ensure that they refer to the same customer. (See also Plausi 2302)
1012	The BMS customer number is to be validated by means of a check digit calculation using the following algorithm: Modulus 10, code "00" (Deutsche Bundesbank). The check digit forms the 10th digit of the BMS customer number. 1) The digits of the customer number (digits 1-9) are multiplied from right to left by 2, 1, 2, 1, 2, 1, 2, 1, 2. 2) The digit sum is composed from the two-digit products. 3) Single-digit products and the digit sum of the two-digit products are added together. 4) Only the unit digit of the sum calculated in point 3) is considered. 5) The unit digit is subtracted from the value of 10. 6) The absolute number of the subtraction is the check digit. If the absolute number of the subtraction is 10, then the check digit is 0.
1013	The Bundesbank GLN 4048888000008 is used as the file recipient
1014	The Bundesbank GLN 4048888000008 is used as the message recipient
1015	The specification of the GLN of the Bundesbank branches as well as of the inpayable and orderable items (GTIN) is performed in accordance with the item catalogue, which is published on the Bundesbank's web page
1016	The settlement date must not be in the past
1017	The total amount of an inpayment or cash order is restricted to a countervalue of € 999,999,999.99. For the inpayment of coins, the limits in accordance with plausibility No 2500-2503 apply.
1019	The message must contain information about the certificate (software identification number) and the specified certificate must be valid.

2000	Notification of inpayment - packages
2001	The notification of inpayment contains at least one (physical) package with cash-items

2002	Each package is to be labelled with a unique SSCC, which may occur only once in the notification
2003	Main containers must also have a unique SSCC which is not already being used by other main containers or internal packages
2004	Package SSCCs may not be used in other notifications at the same time
2005	A maximum of 2 package hierarchies may be created
2006	Notifications are only issued for internal packages if these are to be reconciled individually. In the case of a joint reconciliation, the internal packages do not have to be reported separately
2007	Each (physical) package contains the GLN of a packer
2008	Package with banknotes must have a SSCC with a valid check digit.
2009	Package with coins must have a SSCC with a valid check digit or an individual combination of 8 numbers (0 - 9).

2100	Notification of inpayment - items
2101	Each package has a content, ie contains at least one item (GTIN)
2102	Each item (GTIN) may be used only once per package
2103	Each item has a quantity > 0. In the case of main containers, which themselves may not contain any items, the quantity is 0.
2104	Negative quantities are not permitted.
2105	For a lodgement of banknotes the countervalue resulting from the quantity specifications of all the items belonging to a package must be at least €5 per package or a multiple whole number of this amount.
2106	A package is not permitted to contain GTINs for Cat3-articles and other articles.
2107	For a lodgement of coins the countervalue resulting from the quantity specifications of all the items belonging to a package must be at least €5 per package or a multiple whole number of 5 or 11.

2200	Notification of inpayment - reconciliation units
2201	Each package has a reconciliation unit number.
2202	Packages which are to be reconciled together are given the same reconciliation unit number, while packages to be reconciled separately are given a different number.
2203	Each main container is given a unique reconciliation unit number which is not already been used by other main containers or by internal packages.
2204	The counting of reconciliation units begins at 1. Zero may not be issued.
2205	A mixture of joint and individual reconciliations within a main container is not permitted.
2206	Reconciliation units of internal containers may not be split among a number of main containers.
2207	A reconciliation unit may not consist of packages prepared by different packers.
2208	A number of individual reconciliation units are generally to be packed together in a main container. Exceptions to this rule are permitted only if the pooling of the reconciliation units is not logistically possible or does not make sense owing to the size of the reconciliation units.
2209	One reconciliation unit is not permitted to consist of GTINs for Cat3-articles and other articles.

2300	Notification of inpayment - payments data
2301	The notification generally contains the GLN of the inpayer on the payment voucher (virtual package).
2302	Alternatively, in the case of collective inpayments, it is also possible (if the inpayer does not have a GLN) to use the BMS customer number of the inpayer. The BMS customer number may also be specified in addition to the GLN, in which case it must be ensured that these numbers refer to the same customer.
2303	The inpayment amount specified on the payment voucher must be a whole number, divisible by 5, > 0, and must tally with the countervalue of the content of all declared cash-items of the physical packages. Negative amounts are not permitted.

2400	Notification of inpayment - type of inpayment
2401	For coin inpayments, only the inpayment type "STB" (standard inpayment) is permitted
2402	For banknote inpayments, the inpayment type "STB" (standard inpayment) is to be used if each package exclusively contains standard bundles of 1,000 notes of the same denomination, for €200 and 500€ also standard bundles of 100 notes of the same denomination.
2403	The value of each individual package of a banknote inpayment labelled as "STB" must be a whole number and divisible by 5,000.
	In all other cases, the inpayment type "multidenomination" is to be selected, see also https://www.bundesbank.de/resource/blob/599244/15a2a8e53be2f094018f2b22da2dc78a/472B63F073F071307366337C94F8C870/uebersicht-standard-zusatzleistungen-data.pdf (German only)
2404	A mixed inpayment consisting of banknotes and coins in a single inpayment notification is not permitted, even if these are split up into various packages and reconciliation units.

2500	Notification of inpayment - amount restrictions for coin inpayments
	For the inpayment of coins, the following amount restrictions apply depending on the type of packaging; if these limits are exceeded, the notified inpayment is acknowledged with a warning message or a return.
2501	Safebag, coin containers, steel mesh trolley; amount > 150,000 = warning
2502	Safebag, coin container; amount > 1,200,000 = return
2503	Steel mesh trolley; amount > 1,200,000 = return

2600	Cash orders - portions
2601	The cash order contains at least one portion
2602	The portion contains at least one item with a quantity > 0
2603	The portion contains the specification of a type of packaging
2605	Only one coin portion may be made per cash order
2606	Orders which contain banknotes together with coins are not allowed (neither in different portions)
2607	Orders which contain coins together with medals are not allowed

2700	Types of packaging
	The types are packaging are to be used in accordance with the overview. One particular point to be noted is the different coding of the type of packaging in the message and on the delivery/collection slip.
2701	Open inpayments are not permitted.
2702	Open cash orders are possible for the following combinations only: Cash orders consisting of 1 portion of non-packed notes Cash orders consisting of 1 portion of non-packed coins

Combinations of packaging types

Type of packaging	Coding in the message	Text on the delivery note	suitable for					
			Inpayment			Order		
			Banknotes	Coins	Standard container	Banknotes	Coins	Standard container
Safebag	BG	SB	X	X*	-	X	X	-
P-box	BX	PB	X	-	-	X	-	-
P-container	PB	PC	X	-	-	X	-	-
Coin container (M)	ID	MC	X	X	X	-	X	X
Steel mesh trolley	CG	GW	X	X	-	-	-	-
Open	NE	NV	-	-	-	X	X	-

* In case of inpayments of coins the package type 'safebag' is only permitted with collectors coins