Appendix 6. Codes

Appendix 6 Codes

1. Output Information Code System

Output Information Code is added to all Processing Result Messages and Output Messages.
For the list, refer to "Appendix Table 6.7 Subjected Procedure List" and "Appendix Table 6.8 Output Information Code List."

(1) Output Information Code System for Processing Result Messages

Appendix Table 6.1 shows output information code system for processing result messages.

Appendix Table 6.1 Output Information Code System for Processing Result Messages

Field name	Digits	Outline
Identifier of Processing Result Message	1	"*" is added for all Processing Result Messages.
Air/Sea Identifier	1	System Identifier Code is shown. A: Air S: Sea C: Common
Procedure Code	5	Procedure Code which is the cue of the Processing Result Message is shown.

e.g.) * AOLT△△: Notification of result of calling process for bonded transportation declaration (general)
(△ stands for one-byte space)

* SNVC01: Notification of result of house cargo information registration (registration, correction, deletion)

* CCMSG△: Process Result Notification with System Common Message (System Common Error)
(△ stands for one-byte space)

(2) Output Information Code System for Output Messages

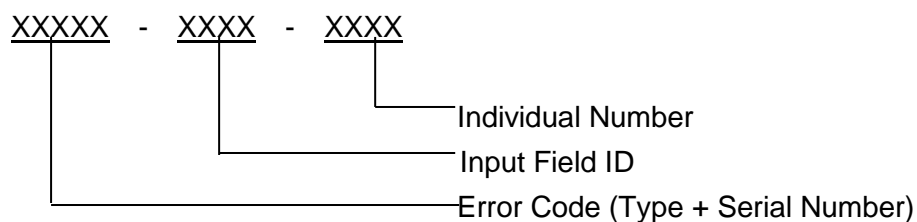Appendix Table 6.2 shows output information code system for output messages.

Appendix Table 6.2 Output Information Code System for Output Messages

Field name	Digits	Outline
Air/Sea Identifier	1	System Identifier Code is shown. 　A: Air 　S: Sea 　C: Common
Classification of processing by the Center	1	Information code of source of generation of a message is assigned. 　A: Processing result 　B: statistic report 　R: Processing result (only when the message is output through re-output procedure).
Procedure classification	1	Procedure classification is assigned. 　A: Vessel Entrance/Clearance related 　B: After-hours related 　D: Import customs clearance 　E: Export customs clearance 　F: Receipt 　G: Food 　H: Plant protection 　J: Animal quarantine 　K: Trade Control or for other systems 　L: Common (including medical) 　Q: System (mode) 　S: Import cargo 　T: Export cargo 　X: Import clearance (for dual output) 　Y: Export Clearance (for dual output)
Information code No.		
Information No.	3	No. is assigned to output information.
Historical information	1	Historical information of output information template is assigned. "0" to "9" * At the commencement of 6th NACCS service, historical information of 5th NACCS is kept on as is, and only information where messages are changed in 6th NACCS is changed (added).

e.g.)　SAD0CA0:　Import declaration input copy (C) information

AAF0010:　Payment slip information (direct payment)

2. Processing Result Code System

Processing Result Code is added to Processing Result Messages [R], Output Messages (inquiry result) [M] [R] and In-Storage Delivery Message [U].

XXXXX - XXXX - XXXX

Individual Number
Input Field ID
Error Code (Type + Serial Number)

Each Processing Result Code is 15 digits length, consisted with Error Code, Input Field ID and Individual Number.

When process is correctly completed, the following Processing Result Code would be set;

00000-0000-0000

(1) Error Code Type (Alphanumeric 1-digit letter)
Indicating Error Type. (See Appendix Table 6.3)

(2) Error Code / Serial Number (Alphanumeric 4-digit letters)
Indicating sequential number in Error Code Type.

(3) Input Field ID (Alphanumeric 4-digit letters)
Indicating Input Field ID, which has an error, in 4-digit format.
For screen template used in software package, "Input Field ID", which is unique information name, is assigned to each input field. During errors, information stored in this screen template will be linked to "Input Field ID", which displays the area of error specified by the Center in the processing result code, and "Input Field ID" will be highlighted.
When input field related to the error cannot be identified, "0000" would be set. (e.g. Authentication error for the user)

e.g.) 1. When input field related to the error is identified;

S0001-PCS△-0000

2. When input field related to the error is NOT identified;

A0005-0000-0000

(4) Individual Number (4-digit numbers)
When error occurs in input field of the individual fields of procedures where multiple individual fields are input, such as "import declaration registration (IDA)", this indicates what number from the top in individual field (what number from the top in above-mentioned "Input Field ID"). Depending on procedures, there are some cases where "Input Field ID" itself indicates what number of individual fields is error. (See (Note))

For the procedure without the individual field, "0000" is set.

(Note) For how to specify "Input Field ID" and "Individual Number" specified in fields where input can be carried out repeatedly, there are the following 2 ways.

1. When, in the same Input Field ID, what number of individual field is error position is indicated with individual number.
   e.g.) a. In case error has occurred in 1st repeat.

   XXXXX-SHB△-<u>0001</u>

   └─ 1st item

   b. In case error has occurred in 1005th repeat.

   XXXXX-SHB△-<u>1005</u>

   └─ 1005th item

2. When error position is indicated with Input Field ID itself.
   e.g.) a. In case error has occurred in 1st repeat.

   XXXXX-<u>S001</u>-0000

   └─ 1st item

   b. In case error has occurred in 150th repeat.

   XXXXX-<u>S150</u>-0000

   └─150th item

(Note) This example shows that error item is indicated with 2nd to 4th digits. However, error could be indicated for some fields with 3rd and 4th digits, or only 4th digit.

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⚠ Expression in the Procedure Specifications
In the List of Input Fields described in the Procedure Specifications, fields where "Repeat 1" column, "Repeat 2" column, or " * " is written are subject for above-mentioned 2. In this case, this indicates what number of digits is "_" column (Input Field ID).
e.g.) IDA procedure: In the case of "B/L No./AWB No."

For "B/L No./AWB No.", Field ID for the List of Input Fields is "BL_", so "_" portion becomes No. of repeat.
In the case of 1st repeated field of "B/L No./AWB No.", "BL1"
In the case of 2nd repeated field of "B/L No./AWB No.", "BL2"

When applied to processing result codes, it will become as follows.
S0046-BL1△-0000(B/L No./AWB No. of repeated 1st field is not appropriate)

S0046-BL2△-0000(B/L No./AWB No. of repeated 2nd field is not appropriate)

Replacing "_" with number of repeat enables classification.

However, it depends on each Procedure Specifications and characters, etc. of repeated fields, all is not necessarily applied to this example.

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Appendix Table 6.3 Error Code (Type)

Classification	Error	Description
U	User Qualification Error	Output when the error is related to user qualification such as User Information, terminal, or business type occurs.
S	Single Field Error	Output when the error related to attribute of single field occurs.
R	Correlation Error	Output when the error related to correlation in several fields occurs.
E	Procedure Condition Error	(1) Output when a mismatch between input data and registered data occurs. (2) Output when message length is incorrect.
W	Warning Message	Output when the procedure processing is completed successfully but a warning is required. In case this code is output, message indicating complete correctly would be shown as Processing Result Code 1 and warning message would be shown as Processing Result Code 2.
M	Direction Message	At the same time as an error message, a message instructing measures for later is output. In case this code is output, error message would be shown as Processing Result Code 1 and direction message would be shown as Processing Result Code 2.
L	Logical Error	Output when logical mismatch between data in DB tables occurs.
A	System Message (Common Error)	Output when an error occurs before procedure processing. (See "Appendix Table 6.4")
K	ebMS Server Detection Error (Common Error)	This will be output when error occurs at the ebMS server before processing is forwarded to the core processing system.

(Reference) Details of processing result notification message (common error)

Appendix Table 6.4 shows details of processing result notification message (common error) generated during checking phase of common process.

(Refer to "Appendix 5.1 (3) Format of processing result notification message output in case of error")

Appendix Table 6.4 Details of processing result notification message (common error)

Error Code	Item	Input Field ID	Content	Solution
A0001	Procedure Code	0000	The input procedure does not exist in the procedure code table. Or no procedure program exists.	Enter a correct procedure code.
A0002	Procedure Code	0000	The procedure is in a forbidden state.	Try again after the forbidden state is released.
A0003	User code	0000	The user code is incorrect.	Enter a correct user code.
A0004	Password	0000	The password is incorrect.	Enter a correct password.
A0005	User code	0000	The user code/Identifying Number does not exist.	Enter a correct user code/Identifying Number.
A0006	N/A	0000	The service has not been launched yet.	Wait until the launch of the service.
A0007	N/A	0000	The processing in the center is abandoned.	Report to NACCS center.
A0008	N/A	0000	The length of the message is incorrect.	Investigate causes.
A0009	N/A	0000	The telegram header (Input Common Fields) has incorrect character(s).	Investigate causes.
A0010	N/A	0000	It's out-of-service.	Wait until the launch of the service.
A0011	N/A	0000	The operation center is busy.	Send the message later.
A0012	User code	0000	The user is unauthorized for this service.	N/A
A0013	N/A	0000	The user information and the telegram header (Input Common Fields) information are inconsistent.	Report to NACCS center.
A0014	N/A	0000	The user is restricted to use.	N/A
~~A0015~~ *1	~~N/A~~	~~0000~~	~~The service is restricted at this time.~~	~~Try again at an unrestricted time.~~
A0016	N/A	0000	The telegram header (Input Common Fields) protocol is incorrect. Or the telegram header (Input Common Fields) has incorrect character(s). Or only a space is inserted in "System Identifier" field in the telegram header (Input Common Fields).	Create a correct telegram header (Input Common Fields) and send the message.
A0017	N/A	0000	The protocol header format and/or the message format is/are incorrect.	Create and send a message in a correct protocol header format and in a correct message format.

Error Code	Item	Input Field ID	Content	Solution
A0018	Terminal Access Key or Mail Address or Logical Terminal Name	0000	• In interactive processing mode (interactive or netNACCS), the access key is incorrect.	Enter a correct value.
A0019	Logical Terminal Name	0000	The terminal name is incorrect.	Enter a correct terminal name.
A0020	Attachment File Acquisition Key	0000	Retrieving an attached file, the specified attached file does not exist.	Enter a correct acquisition key for the attached file.
A0021	Attachment File Acquisition Key	0000	The user has no authority to retrieve the specified attached.	Enter a correct acquisition key for the attached file.
A0022	N/A	0000	The content of the message in XML format is incorrect.	Enter a correct message in XML format.
A0023	N/A	0000	XML conversion service is suspended.	Send the message later.
A0024	N/A	0000	Relevant ministries' systems are suspended.	Send the message later.
A0025	N/A	0000	The combination of procedure code and system identifier (1,2, or 4) in the telegram header (Input Common Fields) is incorrect.	Correct the combination of procedure code and system identifier (1,2, or 4), and send the message.
A0026 *2	N/A	0000	Error occurs and it prevents users from keeping a logged in state. ・The user's authentication certification does not exist.	Retry to login.
A0027 *2	N/A	0000	Screen transition does not work properly.	Retry to login.
A0028 *2	N/A	0000	UVO (User Value Object) does not exist in the session.	Retry to login.
A0029 *2	N/A	0000	User's authentication certificate has expired.	Retry to login.

Error Code	Item	Input Field ID	Content	Solution
~~A0031 *3~~	~~User Code for the System (DI and SMTP two-way)~~	~~0000~~	~~The input user code for the system is incorrect.~~	~~Enter a correct user code for the system.~~
~~A0032 *3~~	~~Password for User Code for the System (DI and SMTP two-way)~~	~~0000~~	~~The password for input user code for the in-house system is incorrect.~~	~~Enter a correct password.~~
A0033	Attachment File Name (Extension)	0000	Files with extension which cannot be used in NACCS are attached.	Create an attachment file in file format with extension shown in the EDI Specifications once again, and attach this.

Error Code	Item	Input Field ID	Content	Solution
A0034	Attachment file (Size (entire))	0000	Total size of entire attachment file exceeds the upper limit size of file which can be attached in the procedure.	Check the limits described in the Procedure Specifications for the procedure, and review files to be attached.
A0035	Attachment file (Size (individual))	0000	There is an attachment file with file size of 0 byte.	Delete or review attachment file with 0 byte.
A0036	Attachment file (Size (individual))	0000	There is a file of which file size exceeds the upper limit of the procedure for one file which can be attached.	Check the limits described in the Procedure Specifications for the procedure, and review files to be attached.
A0037	Attachment File Name	0000	Character code of the attachment file name is incorrect.	(1) Encode attachment file name with "ISO-2022-JP (JIS code)". (2) Change the file name specified in processing request message and change the attachment file names and carry out the procedure once again.
A0038 *2	Attachment File Name	0000	Attachment file is not selected.	Select the attachment files.
A0039 *2	Attachment File Name	0000	Total numbers of attachment files exceed the upper limit numbers of files which can be attached in the procedure.	Check the numbers of attachment files.
A0040	Attachment File Name	0000	The attachment file name length exceeds 190 bytes	Keep the attachment file name length within 190 bytes
A0070	N/A	0000	Currently, output messages (for printer) stored in the terminal is being retrieved.	Retrieve transaction output messages after a brief interval.
A0071	N/A	0000	Currently, there is no output message (for printer) for the terminal.	Retrieve transaction output messages after a brief interval.
K0007	N/A	0000	ebMS server failed while processing.	Report to NACCS center.
K0008	N/A	0000	The length of the message is incorrect.	Send a message with a correct message length.

Error Code	Item	Input Field ID	Content	Solution
K0016	N/A	0000	System identifier is incorrect.	Specify correct system identifier and send the message.
~~K0022~~ *3	~~N/A~~	~~0000~~	~~Attachment file is incorrect. (size, number, extension, format)~~	~~Specify attachment files correctly.~~

*1 A0015 is used for 4th NACCS and is not used for 5th NACCS or later, so this should be treated as the missing number.

*2 This is output only if the mode is the WebNACCS processing mode.

*3 A0031, A0032, and K0022 are used for 5th NACCS and are not used for 6th NACCS, so they should be treated as the missing number.

3. User Codes and Identifying Numbers, etc.

(1)　User codes used in NACCS
User codes used in NACCS are issued and managed by the NACCS Center.
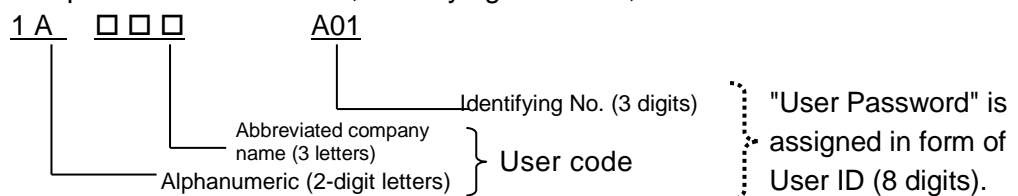
(2)　User Codes, Identifying Numbers, and User Passwords
User code system used in NACCS composed of total of 5 digits of "alphanumeric (2 digits)+ abbreviated company name (3 digits)".
In NACCS, in order to identify use utilization forms and categories of business, etc., Identifying Numbers (3 digits) are assigned according to "System of User Codes and Identifying Numbers" and "System of Identifying Numbers", and user passwords are issued in User ID (8 digits) of "User Code (5 digits) + Identifying Numbers (3 digits)".
In addition, passwords can be changed by user.
Also, if the password is forgotten and is reset, the user should change the password.

(Reference) Relationship between User Code, Identifying Numbers, and User Password

1 A　□ □ □　　　A01

Identifying No. (3 digits)

Abbreviated company name (3 letters)

Alphanumeric (2-digit letters)

User code

"User Password" is assigned in form of User ID (8 digits).

a.　Alphanumeric (2-digit letters)
　　2 digits of Alphanumeric are assigned. (For assignment policy for the top 1 digit, refer to the next page)
b.　Abbreviated company name (3 letters)
　　One abbreviated company name is assigned in 3 digits for one company (each legal entity).
　　* Only when alphabetical characters become shortage, numeric characters are assigned to 2nd and 3rd digits.

Ⅱ Assignment of 1st digit from the top of 2 digits of alphanumeric characters

1st digit from the top should be assigned for each Customs having jurisdiction over branches and offices of a company according to the following standards. In addition, for users who cannot identify Customs, such as importer/exporter, etc., code of "Other" should be assigned.
* These standard for assignment of 1st digit from the top is aimed for management and operation of User Code, so systematic checking is not automatically carried out. Also, these are the standards for operation, so it is not guaranteed that all users comply with the standards described below.

Customs of jurisdiction for location of branches and offices	1st digit from the top
Tokyo Customs	1→ T→A→J
Yokohama Customs	2→Y→B→L
Kobe Customs	3→K→C→P
Osaka Customs	4→S→D
Nagoya Customs	5→N→E→R
Moji Customs	6→M→F→U→X
Nagasaki Customs	7→G
Hakodate Customs	8→H→Z
Okinawa Regional Customs	9→W
Others	Q→V (For user of Procedure for Trade Control, "V" is used in 1st digit from the top)

* For 1st digit from the top of User Code, "I" should be reserved value and be used when User Code assigned to each Customs of jurisdiction become running out.

Appendix Table 6.5 User Codes for Each User Type and Identifying Numbers

User Type	User Codes and Identifying Numbers
Software Package User / WebNACCS User / GW (SMTP/POP3) User	1A　NAC　001 (1)　(2)　　(3) 　　　　(1)　Alphanumeric (2 digits) 　　　　(2)　Abbreviated company name (3 digits) 　　　　　　Alphanumeric (3 digits) (1 code for each company (legal entity)) 　　　　(3)　Identifying Numbers(3 digits) 　　　　　　○ netNACCS user, WebNACCS user →Only alphanumeric is used for 3rd digit. 　　　　　　○ EDIFACT user → 1st digit is fixed as "Z". 　　　　　　(For standards for assignment for each category of business, refer to "System of Identifying Numbers")
SMTP Two-Way User	○ When using SMTP two-way (in-house system) 　　　(When software package is used in a office at the same time) 　J9NAC　　Y01 　　　(1)　　(2) 　　　　(1) User Code when a procedure is carried out using software package (5 digits) 　　　　(2) Identifying Numbers (3 digits) 　　　　　[SMTP two-way] "Y" in 1st digit is fixed. *　When SMTP user server fails, the error message directed to the SMTP server can be retrieved by using above-mentioned User Code and Identifying Numbers when retrieving the error message stored in the Error message queue relating to the User Code (QFL).

Appendix Table 6.6 System of Issuing of Identifying Numbers (Reference)

Utilization Form / Categories of Business	Identifying Numbers			
	Software package (Interactive) GW(SMTP/POP3) ebMS (Note 1)	Software package (netNACCS) WebNACCS	EDIFACT	SMTP two-way
Airline Co-captain Air cargo agent Customs broker (including registered customs specialists) Aircraft's Stores Agent Forwarder Importer/Exporter NVOCC Forwarding agent General-purpose application user	General (except registered customs specialists)			
	A01 - A99 (For co-captain, "H" is used for 1st digit)	A0A - A9Z (3rd digit is alphanumeric) (For co-captain, "H" is used for 1st digit)	-	Y01 - Y10 (1st digit is "Y")
	Registered customs specialist			
	100 - 998	10A - 99Z (3rd digit is alphanumeric)	-	Y26 - Y99 YA0 - YZ9 (1st digit is "Y")
Customs Warehouse CY Vanpool General-purpose application user	B01 - B99	B0A - B9Z (3rd digit is alphanumeric)	Z01 - Z25 (1st digit is "Z")	Y11 - Y15 (1st digit is "Y")
Carriers General-purpose application user	C01 - C99	C0A - C9Z (3rd digit is alphanumeric)	Z26 - Z50 (1st digit is "Z")	Y16 - Y20 (1st digit is "Y")
Shipping agents General-purpose application user	D01 - D99	D0A - D9Z (3rd digit is alphanumeric)	Z51 - Z75 (1st digit is "Z")	Y21 - Y25 (1st digit is "Y")
Nonlife insurance company	E01 - E99	E0A - E9Z (3rd digit is alphanumeric)	-	Y26 – Y99 YA0 – YZ9 (1st digit is "Y")
General-purpose application user User of Procedure for Trade Control Other categories of business (Relevant ministries' procedure, etc.)	F01 - F99	F0A - F9Z (3rd digit is alphanumeric)	Z76 to 99 (1st digit is "Z")	-

(Note 1) Identifying Numbers issued to users of ebMS processing mode are only A01 to A99, 100 to 998, and B01 to B99.