

### 3.3 XML Format Message

#### 3.3.1 Message format for XML format message

For the message format for XML format message used in NACCS, both system header and procedure data are XML format text messages. In addition, the number of processing request messages contained in 1 XML format message is 1 message.

Also, refer to "Appendix Table 6.7 Subjected Procedure List" for subjected procedure.

##### 3.3.1.1 Format/version for XML format messages

Format/version for XML format messages used in NACCS is PAA (Pan Asian e-commerce Alliance) Standard/Superset Message Structure V2.0.

#### 3.3.2 Message structure for XML format messages

A communications protocol header and a trailer are added to a XML format message.

Figure 3.3.1 and Figure 3.3.2 show message structure.

Note that, when SMTP is used as the communications protocol, it is necessary to make a new line after each end tag not to exceed 1000 bytes per 1 line of transmit data.

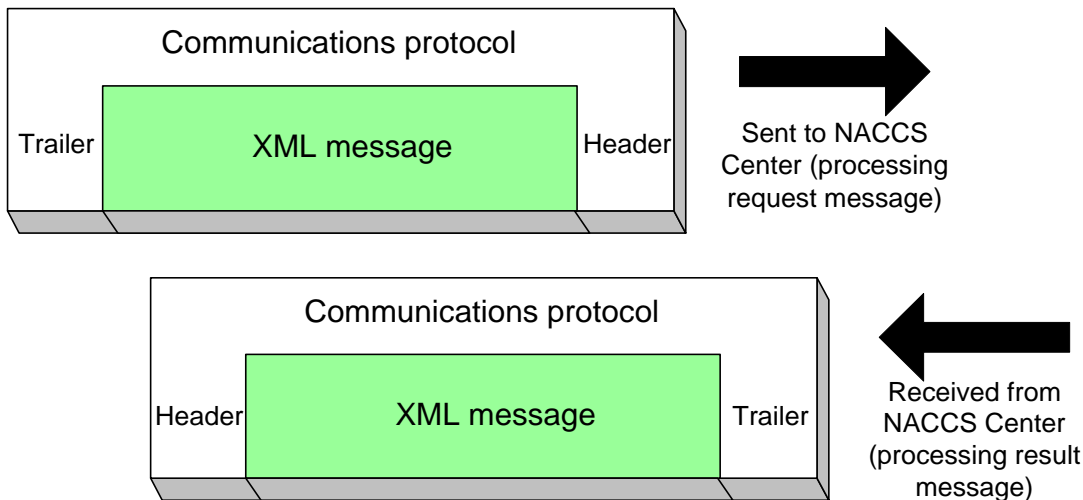
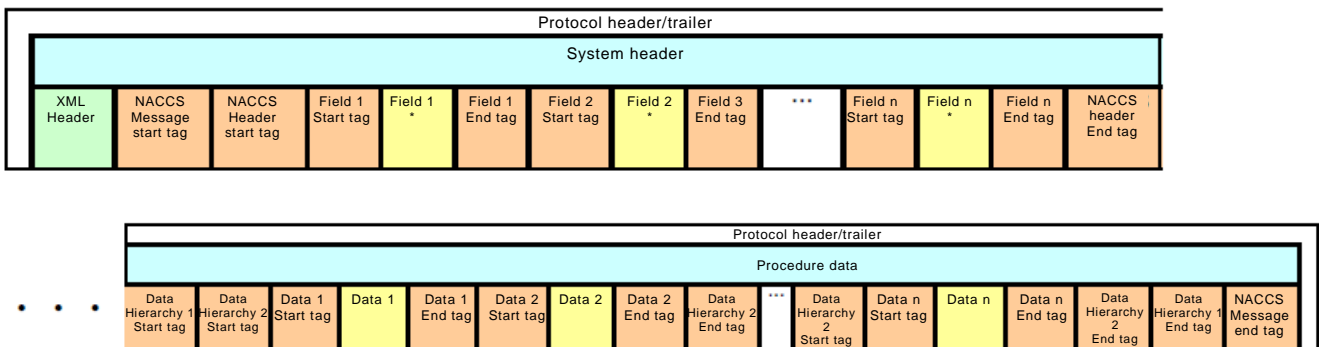


Figure 3.3.1 XML format message



\* Subject fields for input/output common fields (input/output common fields have multiple fields and have hierarchical structure)

Figure 3.3.2 Example of XML Format Message Structure

### 3.3.3 Types of Transmit/Receive Message of XML Format Message

Table 3.3.1 and Table 3.3.2 show the list of messages used in transmit/receive of XML format messages.

Table 3.3.1 List of Transmit/Receive Messages of XML Format Messages (Interactive Processing Mode)

Message type	<i>Interactive processing mode</i>		
	Software package (N1)	SMTP two-way	ebMS processing mode
Processing Request Message	-	○	○
Output Information Message	-	○	○
Processing Result Notification Message	-	○	○

Table 3.3.2 List of Transmit/Receive Messages of XML Format Messages (E-Mail Style Processing Mode)

Message type	E-mail style processing mode
	Gateway computer
Processing Request Message	○
Output Information Message	○
Processing Result Notification Message	○

(Note 1) The software package can handle only NACCS EDI messages (XML format messages cannot be used).

### 3.3.4 Message specifications for XML format messages

Refer to "Appendix 15" and "Procedure Specifications" for specifications for XML format messages (Mapping Table).

Note that the length of each field is different in PAA standards and Processing Request Message/Output Information Message and it is handled as described in Table 3-3-3. (Note 2)

To set the tag (except hierarchy tag) which does not have description in [Field Name] in the Processing Request Message, set the tag as an empty tag. (If the tag is set, the content of XML message is deemed invalid and an error is output (Error code: A0022)).

Table 3-3-3 Handling of length difference in PAA standards and Processing Request Message/Output Information Message

Relation of length	Details of handling
PAA standards > Processing Request Message (Length of PAA standards is long)	Length of Processing Request Message is processed as valid data.
PAA standards < Processing Request Message (Length of PAA standards is short)	Length of PAA standards is processed as valid data.
Output Information Message > PAA standards (The length of Output Information Message is long.)	Length of PAA standards is processed as valid data.
Output information Message < PAA standards (The length of Output Information Message is short.)	Length of Output Information Message is processed as valid data.

(Note 2) When an input message exceeds the length specified in PAA standards, the range of length of PAA standards is treated as valid data.