

1.3 Service Segments

For how to use service segments of EDIFACT Messages in NACCS, see "Table A12-1-4 Service Segment (Process Request Message)" and "Table A12-1-5 Service Segment (Process Result Message)."

For Messages of the "Passenger Name Record Report (PNR01)" procedures, however, the PADIS EDIFACT format is used and the service segment (Process Request Message) definition is different from the UN EDIFACT format. So refer the Procedure Specification in this case.

Table A12-1-4 Service Segment (Process Request Message)

EDIFACT→NACCS

If not via aeronautical communication line

UNA:SERVICE STRING ADVICE

TAG	COMP	NAME	UN/EDIFACT S FORM	NACCS S FORM	Item No.	Field name/Setting Value	Special Notes
UNA		SERVICE STRING ADVICE	C	C			
		COMPONENT DATA ELEMENT SEPARATOR	M an1	M an1		Component data element separator	A value of "A-Z", "a-z" or "0-9" cannot be used because it must be used as data.
		DATA ELEMENT SEPARATOR	M an1	M an1		Data element separator	A value of "A-Z", "a-z" or "0-9" cannot be used because it must be used as data.
		DECIMAL MARK	M an1	M an1		Decimal notation	A value of "A-Z", "a-z" or "0-9" cannot be used because it must be used as data.
		RELEASE CHARACTER	M an1	M an1		Release indicator	A value of "A-Z", "a-z" or "0-9" cannot be used because it must be used as data.
		REPETITION SEPARATOR	M an1	M an1		Repetition separator	A value of "A-Z", "a-z" or "0-9" cannot be used because it must be used as data.
		SEGMENT TERMINATOR	M an1	M an1		Segment terminator	A value of "A-Z", "a-z" or "0-9" cannot be used because it must be used as data.

UNA:+.?*

Table A12-1-4 Service Segment (Process Request Message)

EDIFACT→NACCS

UNB:INTERCHANGE HEADER

Pos	TAG	COMF	NAME	UN/EDIFACT			NACCS			Item No.	Field name/Setting Value	Special Notes
				S	Rep	FORMAT	S	Rep	FORMAT			
	UNB		INTERCHANGE HEADER	M	1		M	1				
010	S001		SYNTAX IDENTIFIER	M	1		M	1				
		0001	Syntax identifier	M		a4	M		a4		UNO*	※Set any single character. If this item does not have a value, the EDIFACT message is discarded. Treat as UNOA regardless of the input of the last character.
		0002	Syntax version number	M		an1	M		an1		*	※Set any single character. If this item does not have a value, the EDIFACT message is discarded. Treat as 4 regardless of input.
		0080	Service code list directory version number	C		an..6	X					
		0133	Character encoding, coded	C		an..3	X					
		0076	Syntax release number	C		an2	X					
020	S002		INTERCHANGE SENDER	M	1		M	1				
		0004	Interchange sender identification	M		an..35	M		an..5		User code	The system checks if the value is registered, and if not, the system discards the EDIFACT message.
		0007	Identification code qualifier	C		an..4	X					
		0008	Interchange sender internal identification	C		an..35	X					
		0042	Interchange sender internal sub-identification	C		an..35	X					
030	S003		INTERCHANGE RECIPIENT	M	1		M	1				
		0010	Interchange recipient identification	M		an..35	M		an..5		NACCS	If this item does not have a value, the EDIFACT message is discarded.
		0007	Identification code qualifier	C		an..4	X					
		0014	Interchange recipient internal identification	C		an..35	X					
		0046	Interchange recipient internal sub-identification	C		an..35	X					
040	S004		DATE AND TIME OF PREPARATION	M	1		M	1				
		0017	Date	M		n8	M		n8		Date of sending (creation)	If this item does not have a value, the EDIFACT message is discarded.
		0019	Time	M		n4	M		n4		Time of sending (creation)	If this item does not have a value, the EDIFACT message is discarded.
050	0020		INTERCHANGE CONTROL REFERENCE	M	1	an..14	M	1	an..14		Interchange control reference number	Set any value. If this item does not have a value, the EDIFACT message is discarded.
060	S005		RECIPIENT REFERENCE/PASSWORD DETAILS	C	1		X					
		0022	Recipient reference/password	M		an..14	X					
		0025	Recipient reference/password qualifier	C		an2	X					
070	0026		APPLICATION REFERENCE	C	1	an..14	X					
080	0029		PROCESSING PRIORITY CODE	C	1	a1	X					
090	0031		ACKNOWLEDGEMENT REQUEST	C	1	n1	C	1	n1		Acknowledgment request	The sender sets the item to "1" if the sender wants to request an acknowledgment of the message.
100	0032		INTERCHANGE AGREEMENT IDENTIFIER	C	1	an..35	X					
110	0035		TEST INDICATOR	C	1	n1	X					

UNB+UNOA:4+1AABC+NACCS+010401:1530+NACCS987654321++++1'

UNG:FUNCTIONAL GROUP HEADER

Pos	TAG	COMF	NAME	UN/EDIFACT			NACCS			Item No.	Field name/Setting Value	Special Notes
				S	Rep	FORMA	S	Rep	FORMA			
	UNG		FUNCTIONAL GROUP HEADER	C	1		C	1				
010	0038		MESSAGE GROUP IDENTIFICATION	C	1	an..6	X					
020	S006		APPLICATION SENDER IDENTIFICATION	C	1		X					
		0040	Application sender identification	M		an..35	X					
		0007	Identification code qualifier	C		an..4	X					
030	S007		APPLICATION RECIPIENT IDENTIFICATION	C	1		X					
		0044	Application recipient identification	M		an..35	X					
		0007	Identification code qualifier	C		an..4	X					
040	S004		DATE AND TIME OF PREPARATION	C	1		X					
		0017	Date	M		n8	X					
		0019	Time	M		n4	X					
050	0048		GROUP REFERENCE NUMBER	M	1	an..14	M	1	an..14		Functional group reference number	Set any value.
060	0051		CONTROLLING AGENCY, CODED	C	1	an..3	X					
070	S008		MESSAGE VERSION	C	1		X					
		0052	Message version number	M		an..3	X					
		0054	Message release number	M		an..3	X					
		0057	Association assigned Code	C		an..6	X					
080	0058		APPLICATION PASSWORD	C	1	an..14	X					

DEPENDENCY NOTES:

D2(010, 060, 070) All or none

UNG+++++ABC1234567890'

UNH:MESSAGE HEADER

Pos	TAG	COMF	NAME	UN/EDIFACT			NACCS			Item No.	Field name/Setting Value	Special Notes
				S	Rep	FORMA	S	Rep	FORMA			
	UNH		MESSAGE HEADER	M	1		M	1				
010	0062		MESSAGE REFERENCE NUMBER	M	1	an..14	M	1	an..14		Message reference number	Set any value.
020	S009		MESSAGE IDENTIFIER	M	1		M	1				
		0065	Message type	M		an..6	M		an..6		Subset name	
		0052	Message version number	M		an..3	M		an..3		D	
		0054	Message release number	M		an..3	M		an..3		21A	The NACCS internal processing sets "02B" for messages (PAXLST) submitted via aeronautical communication line
		0051	Controlling agency, coded	M		an..3	M		an..3		UN	
		0057	Association assigned code	C		an..6	M		an..6		NAC10	
		0110	Code list directory version number	C		an..6	X					
		0113	Message type sub-function identification	C		an..6	X					
030	0068		COMMON ACCESS REFERENCE	C	1	an..35	X					
040	S010		STATUS OF THE TRANSFER	C	1		X					
		0070	Sequence of transfers	M		n..2	X					
		0073	First and last transfer	C		a1	X					
050	S016		MESSAGE SUBSET IDENTIFICATION	C	1		X					
		0115	Message subset identification	M		an..14	X					
		0116	Message subset version number	C		an..3	X					
		0118	Message subset release number	C		an..3	X					
		0051	Controlling agency, coded	C		an..3	X					
060	S017		MESSAGE IMPLEMENTATION GUIDELINE IDENTIFICATION	C	1		X					
		0121	Message implementation guideline identification	M		an..14	X					
		0122	Message implementation guideline version number	C		an..3	X					
		0124	Message implementation guideline release number	C		an..3	X					
		0051	Controlling agency, coded	C		an..3	X					
070	S018		SCENARIO IDENTIFICATION	C	1		X					
		0127	Scenario identification	M		an..14	X					
		0128	Scenario version number	C		an..3	X					
		0130	Scenario release number	C		an..3	X					
		0051	Controlling agency, coded	C		an..3	X					

UNH+NACCS123456789+MFR110:D:21A:UN:NAC10'

UNT:MESSAGE TRAILER

Pos	TAG	COMP	NAME	UN/EDIFACT			NACCS			Item No.	Field name/Setting Value	Special Notes
				S	Rep	FORMA	S	Rep	FORMA			
	UNT		MESSAGE TRAILER	M	1		M	1				
010	0074		NUMBER OF SEGMENTS IN A MESSAGE	M	1	n..10	M	1	n..10		Number of segments in the message	
020	0062		MESSAGE REFERENCE NUMBER	M	1	an..14	M	1	an..14		Message reference number	Set the same value as UNH-0062.

UNT+15+NACCS123456789'

UNE:GROUP TRAILER

Pos	TAG	COMP	NAME	UN/EDIFACT			NACCS			Item No.	Field name/Setting Value	Special Notes
				S	Rep	FORMA	S	Rep	FORMA			
010	0060		GROUP TRAILER	C	1		C	1				
			GROUP CONTROL COUNT	M	1	n..6	M	1	n..6		Number of EDIFACT messages stored in one functional group	
020	0048		GROUP REFERENCE NUMBER	M	1	an..14	M	1	an..14		Functional group reference number	Set the same value as UNG-0048.

UNE+3+ABC1234567890'

UNZ:INTERCHANGE TRAILER

Pos	TAG	COMF	NAME	UN/EDIFACT			NACCS			Item No.	Field name/Setting Value	Special Notes
				S	Rep	FORMA	S	Rep	FORMA			
	UNZ		INTERCHANGE TRAILER	M	1		M	1				
010	0036		INTERCHANGE CONTROL COUNT	M	1	n..6	M	1	n..6		Number of EDIFACT messages stored in one interchange	Number of functional groups in one interchange when functional groups are used.
020	0020		INTERCHANGE CONTROL REFERENCE	M	1	an..14	M	1	an..14		Interchange control reference number	Set the same value as UNB-0020.

UNZ+6+NACCS987654321'

Table A12-1-4 Service Segment (Process Request Message)

EDIFACT→NACCS

Via aeronautical communication link

UNA:SERVICE STRING ADVICE

TAG	COMP	NAME	UN/EDIFACT		NACCS		Item No.	Field name/Setting Value	Special Notes
			S	FORMA	S	FORMA			
UNA		SERVICE STRING ADVICE	C		C				
		COMPONENT DATA ELEMENT SEPARATOR	M	an1	M	an1		Component data element separator	A value of "A-Z", "a-z" or "0-9" cannot be used because it must be used as data.
		DATA ELEMENT SEPARATOR	M	an1	M	an1		Data element separator	A value of "A-Z", "a-z" or "0-9" cannot be used because it must be used as data.
		DECIMAL NOTATION	M	an1	M	an1		Decimal notation	The NACCS internal processing sets "." (period). A value of "A-Z", "a-z" or "0-9" cannot be used because it must be used as data.
		RELEASE INDICATOR	M	an1	M	an1		Release indicator	A value of "A-Z", "a-z" or "0-9" cannot be used because it must be used as data.
		RESERVED FOR FUTURE	M	an1	M	an1		Reserved area	Always enter a space.
		SEGMENT TERMINATOR	M	an1	M	an1		Segment terminator	A value of "A-Z", "a-z" or "0-9" cannot be used because it must be used as data.

UNA:+.? '

Table A12-1-4 Service Segment (Process Request Message)

EDIFACT→NACCS

UNB:INTERCHANGE HEADER

TAG	COMP	NAME	UN/EDIFAC S FORMA	NACCS S FORMA	Item No.	Field name/Setting Value	Special Notes
UNB		INTERCHANGE HEADER	M	M			
S001		SYNTAX IDENTIFIER	M	M			
	0001	Syntax identifier	M a4	X			
	0002	Syntax version number	M n1	X			
S002		INTERCHANGE SENDER	M	M			
	0004	Sender identification	M an..35	M an..5		User code	The NACCS internal processing sets a fixed user code.
	0007	Partner identification code qualifier	C an..4	X			
	0008	Address for reverse routing	C an..14	X			
S003		INTERCHANGE RECIPIENT	M	M			
	0010	Recipient Identification	M an..35	M an..5		NACCS	The NACCS internal processing sets "NACCS"
	0007	Partner identification code qualifier	C an..4	X			
	0014	Routing address	C an..14	X			
S004		DATE/TIME OF PREPARATION	M	M			
	0017	Date	M n6	X			
	0019	Time	M n4	X			
0020		INTERCHANGE CONTROL REFERENCE	M an..14	X			
S005		RECIPIENTS REFERENCE, PASSWORD	C	X			
	0022	Recipient's reference/password	M an..14	X			
	0025	Recipient's reference/password qualifier	C an2	X			
0026		APPLICATION REFERENCE	C an..14	X			
0029		PROCESSING PRIORITY CODE	C a1	X			
0031		ACKNOWLEDGEMENT REQUEST	C n1	X			
0032		COMMUNICATIONS AGREEMENT ID	C an..35	X			
0035		TEST INDICATOR	C n1	X			

UNB++1AABC+NACCS+'

UNG:FUNCTIONAL GROUP HEADER

TAG	COMP	NAME	UN/EDIFACT S FORMA	NACCS S FORMA	Item No.	Field name/Setting Value	Special Notes
UNG		FUNCTIONAL GROUP HEADER	C	C			
0038		FUNCTIONAL GROUP IDENTIFICATION	M an..6	M an..6		Subset name	The NACCS internal processing sets one of the following values. For UN/EDIFACT: This item is set as follows based on BGM-C002-1001 (Document name code): - 250: NLR110 - 745: PLR110 For US/EDIFACT: This item is set as follows based on the last character of SG1-TDT-8028 (Conveyance reference #): - The last character is "C": NLR210 - The last character is not "C": PLR210
S006		APPLICATION SENDER'S IDENTIFICATION	M	M			
	0040	Application sender's identification	M an..35	M an..5		User code	The NACCS internal processing sets a fixed user code.
	0007	Partner identification code qualifier	C an..4	X			
S007		APPLICATION RECIPIENTS IDENTIFICATION	M	M			
	0044	Recipient's identification	M an..35	M an..5		NACCS	The NACCS internal processing sets "NACCS".
	0007	Recipients identification qualifier	C an..4	X			
S004		DATE/TIME OF PREPARATION	M	M			
	0017	Date	M n6	X			
	0019	Time	M n4	X			
0048		FUNCTIONAL GROUP REFERENCE NUMBER	M an..14	X			
0051		CONTROLLING AGENCY	M an..2	M an..2		UN	The NACCS internal processing sets "UN".
S008		MESSAGE VERSION	M	M			
	0052	Message version number	M an..3	M an..3		D	The NACCS internal processing sets "D".
	0054	Message release number	M an..3	M an..3		02B	The NACCS internal processing sets "02B". Set "17A", if it is "Advance Cargo Information Registration (ADM01)" or "Advance Cargo Information Registration (House Manifest) (HDM01)" procedures.
	0057	Association assigned Code	C an..6	M an..6		NAC10	The NACCS internal processing sets "NAC10".
0058		APPLICATION PASSWORD	C an..14	X			

UNG+PLR110+1AABC+NACCS+++UN+D:02B:NAC10'

UNH:MESSAGE HEADER

TAG	COMP	NAME	UN/EDIFACT		NACCS		Item No.	Field name/Setting Value	Special Notes
			S	FORMA	S	FORMA			
UNH		MESSAGE HEADER	M		M				
0062		MESSAGE REFERENCE NUMBER	M	an..14	M	an..14		Message reference number	Set any value. If this item does have a value, the EDIFACT message is discarded.
S009		MESSAGE IDENTIFIER	M		M				
	0065	Message type	M	an..6	M	an..6		Subset name	The NACCS internal processing sets one of the following values. For UN/EDIFACT: This item is set as follows based on BGM-C002-1001 (Document name code): - 250: NLR110 - 745: PLR110 For US/EDIFACT: This item is set as follows based on the last character of SG1-TDT-8028 (Conveyance reference #): - The last character is "C": NLR210 - The last character is not "C": PLR210
	0052	Message version number	M	an..3	M	an..3		D	The NACCS internal processing sets "D".
	0054	Message release number	M	an..3	M	an..3		02B	The NACCS internal processing sets "02B". Set "17A", if it is "Advance Cargo Information Registration (ADM01)" or "Advance Cargo Information Registration (House Manifest) (HDM01)"
	0051	Controlling agency	M	an..2	M	an..2		UN	The NACCS internal processing sets "UN".
	0057	Association assigned code	C	an..6	M	an..6		NAC10	The NACCS internal processing sets "NAC10".
0068		COMMON ACCESS REFERENCE	C	an..35	X				
S010		STATUS OF THE TRANSFER	C		X				
	0070	Sequence of transfers	M	n..2	X				
	0073	First and last transfer	C	a1	X				

UNH+NACCS123456789+PLR110:D:02B:UN:NAC10'

UNT:MESSAGE TRAILER

TAG	COMP	NAME	UN/EDIFACT		NACCS		Item No.	Field name/Setting Value	Special Notes
			S	FORMA	S	FORMA			
UNT		MESSAGE TRAILER	M		M				
0074		NUMBER OF SEGMENTS IN THE MESSAGE	M	n..6	M	n..6		Number of segments in the message	
0062		MESSAGE REFERENCE NUMBER	M	an..14	M	an..14		Message reference number	Set the same value as UNH-0062.

UNT+15+NACCS123456789'

UNE:FUNCTIONAL GROUP TRAILER

TAG	COMP	NAME	UN/EDIFACT		NACCS		Item No.	Field name/Setting Value	Special Notes
			S	FORMA	S	FORMA			
UNE		FUNCTIONAL GROUP TRAILER	C		C				
0060		NUMBER OF MESSAGES	M	n..6	X				
0048		FUNCTIONAL GROUP REFERENCE NUMBER	M	an..14	X				

UNE'

UNZ:INTERCHANGE TRAILER

TAG	COMP	NAME	UN/EDIFACT		NACCS		Item No.	Field name/Setting Value	Special Notes
			S	FORMA	S	FORMA			
UNZ		INTERCHANGE TRAILER	M		M				
0036		INTERCHANGE CONTROL COUNT	M	n..6	X				
0020		INTERCHANGE CONTROL REFERENCE	M	an..14	X				

UNZ'

Table A12-1-5 Service Segment (Process Result Message)

NACCS→EDIFACT

UNB:INTERCHANGE HEADER

Pos	TAG	COMP	NAME	UN/EDIFACT			NACCS			Item No.	Field name/Setting Value	Special Notes
				S	Rep	FORMAT	S	Rep	FORMAT			
	UNB		INTERCHANGE HEADER	M	1		M	1				
010	S001		SYNTAX IDENTIFIER	M	1		M	1				
		0001	Syntax identifier	M		a4	M		a4		UNOA	
		0002	Syntax version number	M		an1	M		an1		4	
		0080	Service code list directory version number	C		an..6	X					
		0133	Character encoding, coded	C		an..3	X					
		0076	Syntax release number	C		an2	X					
020	S002		INTERCHANGE SENDER	M	1		M	1				
		0004	Interchange sender identification	M		an..35	M		an..5		NACCS	
		0007	Identification code qualifier	C		an..4	X					
		0008	Interchange sender internal identification	C		an..35	X					
		0042	Interchange sender internal sub-identification	C		an..35	X					
030	S003		INTERCHANGE RECIPIENT	M	1		M	1				
		0010	Interchange recipient identification	M		an..35	M		an..5		User code	
		0007	Identification code qualifier	C		an..4	X					
		0014	Interchange recipient internal identification	C		an..35	X					
		0046	Interchange recipient internal sub-identification	C		an..35	X					
040	S004		DATE AND TIME OF PREPARATION	M	1		M	1				
		0017	Date	M		n8	M		n8		Date of preparation	YYYYMMDD format
		0019	Time	M		n4	M		n4		Time of preparation	HHMM format
050	0020		INTERCHANGE CONTROL REFERENCE	M	1	an..14	M	1	an..14		Interchange control reference number	
060	S005		RECIPIENT REFERENCE/PASSWORD DETAILS	C	1		X					
		0022	Recipient reference/password	M		an..14	X					
		0025	Recipient reference/password qualifier	C		an2	X					
070	0026		APPLICATION REFERENCE	C	1	an..14	X					
080	0029		PROCESSING PRIORITY CODE	C	1	a1	X					
090	0031		ACKNOWLEDGEMENT REQUEST	C	1	n1	X					
100	0032		INTERCHANGE AGREEMENT	C	1	an..35	X					
110	0035		TEST INDICATOR	C	1	n1	X					

UNB+UNOA:4+NACCS+1AABC+010401:1530+NACCS987654321'

UNH:MESSAGE HEADER

Pos	TAG	COMF	NAME	UN/EDIFACT			NACCS			Item No.	Field name/Setting Value	Special Notes
				S	Rep	FORMA	S	Rep	FORMA			
	UNH		MESSAGE HEADER	M	1		M	1				
010	0062		MESSAGE REFERENCE NUMBER	M	1	an..14	M	1	an..13		Message reference number	
020	S009		MESSAGE IDENTIFIER	M	1		M	1				
		0065	Message type	M		an..6	M		an..6		Subset name	
		0052	Message version number	M		an..3	M		an..3		D	
		0054	Message release number	M		an..3	M		an..3		Message version	Set the message version corresponding to the subset.
		0051	Controlling agency, coded	M		an..3	M		an..3		UN	
		0057	Association assigned code	C		an..6	M		an..6		NAC10	[NAC10]
		0110	Code list directory version number	C		an..6	X					
		0113	Message type sub-function identification	C		an..6	X					
030	0068		COMMON ACCESS REFERENCE	C	1	an..35	X					
040	S010		STATUS OF THE TRANSFER	C	1		X					
		0070	Sequence of transfers	M		n..2	X					
		0073	First and last transfer	C		a1	X					
050	S016		MESSAGE SUBSET IDENTIFICATION	C	1		X					
		0115	Message subset identification	M		an..14	X					
		0116	Message subset version number	C		an..3	X					
		0118	Message subset release number	C		an..3	X					
		0051	Controlling agency, coded	C		an..3	X					
060	S017		MESSAGE IMPLEMENTATION GUIDELINE IDENTIFICATION	C	1		X					
		0121	Message implementation guideline identification	M		an..14	X					
		0122	Message implementation guideline version number	C		an..3	X					
		0124	Message implementation guideline release number	C		an..3	X					
		0051	Controlling agency, coded	C		an..3	X					
070	S018		SCENARIO IDENTIFICATION	C	1		X					
		0127	Scenario identification	M		an..14	X					
		0128	Scenario version number	C		an..3	X					
		0130	Scenario release number	C		an..3	X					
		0051	Controlling agency, coded	C		an..3	X					

UNH+NACCS12345678+MFR110:D:21A:UN:NAC10'

UNT:MESSAGE TRAILER

Pos	TAG	COMF	NAME	UN/EDIFACT			NACCS			Item No.	Field name/Setting Value	Special Notes
				S	Rep	FORMA T	S	Rep	FORMA T			
	UNT		MESSAGE TRAILER	M	1		M	1				
010	0074		NUMBER OF SEGMENTS IN A MESSAGE	M	1	n..10	M	1	n..10		Number of segments in the message	
020	0062		MESSAGE REFERENCE NUMBER	M	1	an..14	M	1	an..13		Message reference number	Set the same value as UNH-0062.

UNT+15+NACCS12345678'

UNZ:INTERCHANGE TRAILER

Pos	TAG	COMP	NAME	UN/EDIFACT			NACCS			Item No.	Field name/Setting Value	Special Notes
				S	Rep	FORMAT	S	Rep	FORMAT			
	UNZ		INTERCHANGE TRAILER	M	1		M	1				
010	0036		INTERCHANGE CONTROL COUNT	M	1	n..6	M	1	n..6		Number of EDIFACT messages stored in one	
020	0020		INTERCHANGE CONTROL REFERENCE	M	1	an..14	M	1	an..14		Interchange control reference number	Set the same value as UNB-0020.

UNZ+1+NACCS987654321'