

Points of Modification in AFR for 7th Generation NACCS



2024.9
Nippon Automated Cargo and Port Consolidated System Inc.

Purpose

For further enhancement of system functions, NACCS is upgraded every 8 years. And the next upgrade will be implemented in October 2025. This upgrade includes various modifications to improve quality, but there are no changes of specification regarding AFR procedures.

Notification

Please be advised that each Service Provider has to complete system modification responding to the following to be changed items.

① Mandatory items (change the settings of SP's system)

- EDI Specifications
 - Domain name of NACCS new servers

→ When change of setting for above items are not completed, transmit and receive of data will be impossible.

For these reasons, each Service Provider has to participate connectivity test in order to confirm your connection with 7th NACCS in advance.

② Items for modification as needed

- Access Lines for NACCS

2. Schedule for 7th NACCS Upgrade

	2024					2025										
	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Term of Test Implementation						Connectivity Test						Comprehensive Operation Test				
		1 st Step ▼	Application for Connectivity Test		2 nd Step ▼							3 rd Step ▼			Destination ▼	
Access Line * As needed			Application for New Access Line ▼													

▼1st Step September 2024 NACCS Upgrade Summary Information

- Connectivity Test Guideline
- How to apply for a new access line and the options menu * As needed
- Procedure Specifications, NACCS EDI Specifications etc.

▼2nd Step Implementation of Connectivity Test

▼3rd Step from July to October 2025 Implementation of Comprehensive Operation Test * Under consideration for details

▼Destination **October 2025 NACCS Upgrade will be implemented**

3. List of Procedure Code

No specification changes or new procedure will be added.

Important

Name of Procedure	Procedure Code
Advance Cargo Information Registration	AMR
Update Registered Advance Cargo Information	CMR
Departure Time Registration	ATD
Advance Cargo Information Registration (House B/L)	AHR
Update Registered Advance Cargo Information(House B/L)	CHR
Advance Cargo Information Registration (Screening Completed) Prior Notification Contents Confirmation*(output information from Japan Customs only)	CDN
User Information Registration	URY
Terminal Connectivity Confirmation	TCC
Inquiry about registered MB/L-HB/L List	IML
Inquiry about registered Reporter ID	IRI
Association of Registered B/L Numbers	BLL
Update Registered Vessel Information for Advance Filing	CMV

No specification changes or new procedure will be added.

*The above description is unified because there were variations in the description of procedure names.
Past procedure name "Completion of Screening & Prior Notification"

4-1. Implementation of “Connectivity Test” and “Comprehensive Operation Test”

“**Connectivity Test**” and “**Comprehensive Operation Test**” are planned to be implemented in the following schedule.

Test Type	Implementation period	Phase details
Connectivity Test	17 DEC. 2024-30 APR. 2025	Phase 0 : Connectivity test
		Phase 1 : Telegram level test
	16 JAN. 2025-30 APR. 2025	Phase 2 : Procedure processing test
Comprehensive Operation Test	From JUL. 2025 to SEP. 2025	Phase 1 : Confirming Connectivity & NACCS new functions
		Phase 2 : Operation familiarizing training & Confirming NACCS new functions
		Under consideration for details
		Phase 3 : Procedure confirmation based on practical operation after NACCS upgrade
		Phase 4 : Confirming connectivity to NACCS main server

Important Notes

(1) Participation in “Connectivity Test” and “Comprehensive Operation Test”

- **Connectivity Test** will be done so as to make sure of connectivity between each SP with NACCS (upgraded version). The test is indispensable for doing Comprehensive Operation Test without any problems. Therefore **all SP must take part in the test during the above implementation period.**

Each SP should refer to “[v7] **Connectivity Test Guideline**” and prepare for the connectivity test after December 2024.

- **Comprehensive Operation Test** is the last chance for checking whether each SP’s system will work according to NACCS procedure specifications and each filer can implement AFR procedures without any errors. Implementation status of the test will directly affect actual AFR operation after NACCS upgrade. Therefore **all SP must participate in the test during the above implementation period and do adequate tests as needed.**

(2) Completion of system modification

- So as to take part in the “Connectivity Test” which is to be implemented from Dec. 2024 to Apr. 2025, **each SP must finish system modification ASAP considering implementation period of the test.**
- When you want to install new lines in addition to existing ones (for implementation of connectivity test without suspending production environment etc.), you must apply* for it **by the end of September 2024.**

* The way of application will be informed to you together with explanatory material on Connectivity Test.

- **You must complete Connectivity Test before “Comprehensive Operation Test” will be started.**
- Not only each SP’s customers (filers abroad) but also NACCS users in Japan will participate in “Comprehensive Operation Test”, so you should apply for it ASAP and make sure to complete it.
- After end of implementation period for each test, test environment will be unavailable.

Domain name for 7th NACCS

Important

Change of Domain name inside NACCS closed network

	Current	After NACCS 7 th
Domain name	naccs6	naccs

Common part in Domain name

Sort of environment	Domain name after NACCS 7 th
Production environment	prod.naccs
Test environment	test.naccs

※ “prod” stands for Production environment.

The way of accessing to NACCS server is **No Change**.

Switching between the main center and the backup center is performed at the NACCS center by changing the DNS server information in the same way as in the current NACCS.

Assignment of Mail Address for connecting to 7th NACCS

“The same number of mail address currently assigned for AFR operation” will be given to each SP.

Assumable Domain name for each type of server after 7th NACCS

Important

- Assumable Domain name in Production environment and Test environment are as follows.
- Domain names in Production environment is used commonly for NACCS Main server and Back-up server. SP do not have to distinguish NACCS Main server and Back-up server by Domain name.

Each server Domain name in Producton/Test environment after NACCS 7th

Name of Procedure	Domain name after upgrade 7 th NACCS	
	in Production environment	in Test environment
Server for E-Mail Style Processing Mode	mail.prod.naccs	mail.test.naccs
Server for SMTP Two-way Style Processing Mode	smtp.prod.naccs	smtp.test.naccs

For the connectivity test, SP will use the domain name for the connectivity test environment. Details of the IP addresses will be provided separately in the Connectivity Test Guideline and configuration information.

No change in the access line menu for 7thNACCS. **Installation of new access lines is not mandatory, you can test with your current line.**

-For new line ***As needed**

- Unlike the 6th NACCS upgrade, there are no lines that can only be connected to the 7th NACCS.
(Only current lines that can be used for both the 6th NACCS and the 7th NACCS will be available.)
- Network subscription fee (including initial installation fee) along with line usage fees, etc., is to be borne by SP.
These fees will be billed in the same way as for the current line, since the current line will be installed.

-When there is a change (including speed increase) to the current line in use

The line installation fee (actual cost), along with line usage fees, etc., will be borne by the SP.
Since this is a change to the current line, the fee must be paid along with the bill for the current line.

-When there is no change in the current line

SP is responsible for the current line usage fees, etc.

Survey Sheet must be submitted by the end of September 2024, regardless of whether the Access line is changed or not.

***If the "server location" or "access line" is changed, System Configuration Diagram must be submitted.**

Explanatory materials regarding AFR after NACCS upgrade can be referred to in the following link.
<https://bbs.naccscenter.com/naccs/dfw/web/afr/afr7th.html>

If you have any questions, please get in touch with the following address.

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