

Updating information For Comprehensive Operation Test

Points of Modification in AFR for 7th Generation NACCS



2025.6

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

1 -①. Precise information on 7th generation NACCS (1)

New!

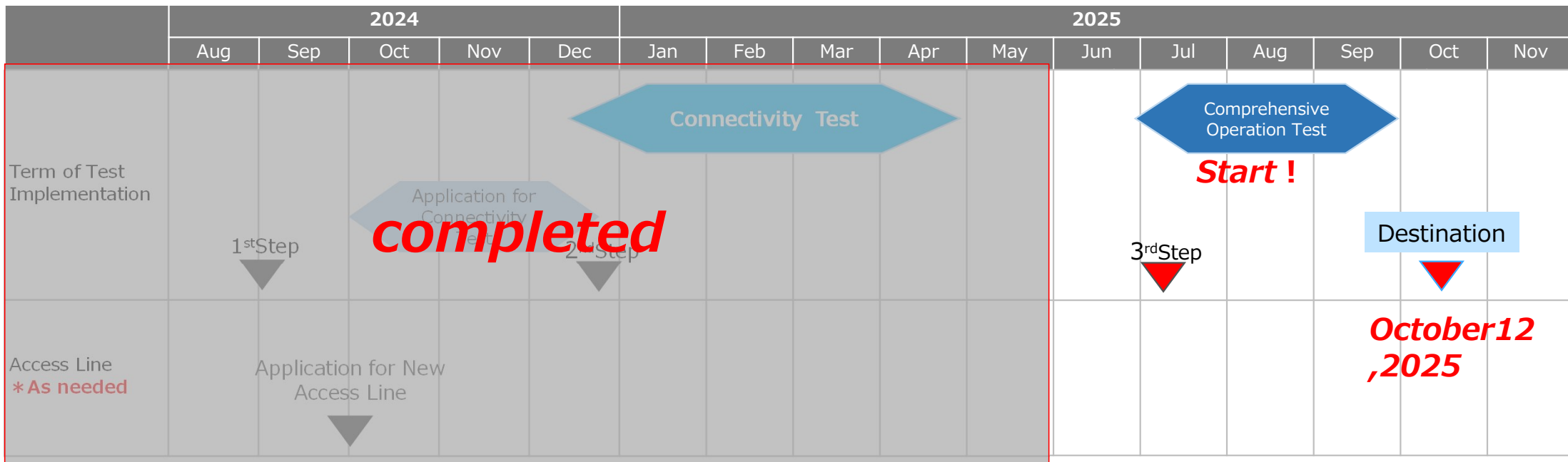
No.	Item	Outline	Remark
1	Go Live Date	Brief schedule for activation of 7th generation NACCS. ① Current NACCS will stop operation on <u>Saturday, October 11, 2025, 11:15 p.m. (JST).</u> ② 7th generation NACCS will go live from the following date*¹; <u>Sunday, October 12, 2025, 5:00 a.m. (JST).</u> * Please note that we might change our plan considering the result of Comprehensive Operation Test.	- After October 11, 2025, 11:15 p.m. (JST), Current NACCS will no more accept filing data such as AMR. - Before 7th generation NACCS will get activated, all SP have to change connection destination from <i>Current NACCS</i> to 7th generation NACCS.
2	Filing Deadline	As is specified above, advance filing through NACCS is not available during the following duration: From; Saturday, October 11, 2025, 11:15 p.m. (JST) To; Sunday, October 12, 2025, 5 : 00 a.m. (JST) So please inform filers that they have to file beforehand if the filing deadline is during this period.	

1 -②. Precise information on 7th generation NACCS (2)

New!

No.	Item	Outline	Remark
3	System Maintenance	In 7th generation NACCS, which works 24h/365d, system maintenance will be conducted every two month as well as current NACCS. * In response to change in the law and urgent program change etc., we might change system maintenance time. (In such case, we will inform you through our AFR website.)	

2. Schedule for 7th NACCS Upgrade



▼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

▼Destination October 12, 2025 NACCS Upgrade will be implemented

3. List of Procedure Code

No specification changes or new procedure will be added.

Important

Name of Procedure	
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 (Completion of Screening & 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

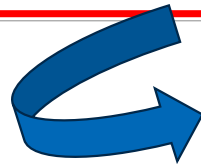
No specification changes or new procedure will be added.

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

4. Implementation of “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 completed
	16 JAN. 2025-30 APR. 2025	Phase 2 : Procedure processing test
Comprehensive Operation Test	From JUL. 2025 to SEP. 2025	Phase 1 : Confirming Connectivity
		Phase 2 : Operation familiarizing training
		Phase 3 : Procedure confirmation based on practical operation after NACCS upgrade



Regarding Detailed info of Comprehensive Operation Test, please refer to next page.

4. Implementation of “Comprehensive Operation Test”

Important Notes

Participation in “Comprehensive Operation Test”

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 test period and do adequate tests as needed.

NOTE:SP that have not yet conducted or completed phase 2 of the connectivity test should conduct a test equivalent to the connectivity test in Phase 1 of the comprehensive operation test.

4-①. Comprehensive Operation Test (Phase 1)

New!

Item	Details			
1. Duration	From Monday, July 7, 2025 to Friday, July 18, 2025 ; 10 days, NOTE:Saturday & Sunday is not available.			
2. Available time	24 hours a day <Note> - Phase 1 will start from Monday, July 7, 2025, 10:00 a.m. (JST) . - Phase 1 will end on Friday, July 18, 2025, 6:00 p.m. (JST) . - Initialization of 7 th generation NACCS will be conducted everyday from <u>9:00 a.m. to 10:00 a.m. (JST)</u> . During this duration, Comprehensive Operation Test is not available.			
3. Purpose	【SP】 Confirming connectivity to Main Center (production environment) of 7 th generation NACCS. 【Filers in abroad】 Getting used to procedure specifications.			
4. Contents	【Filers in abroad】 Filers in abroad can participate in Running Test if SP has completed development of EDI system or WebEntry for 7 th generation NACCS. 【SP】 (1) Please confirm connectivity to production environment of 7 th generation NACCS by TCC procedure . (2) If SP can complete development of EDI system or Web Entry for 7 th generation NACCS before Comprehensive Operation Test, Please notify your customers that Comprehensive Operation Test is available through SP's system and also ask them to participate in the test.			
5. Procedures	Procedure Code	Procedure Name	Procedure Code	Procedure Name
	AMR	Advance Cargo Information Registration	CMR	Update Registered Advance Cargo Information
	AHR	Advance Cargo Information Registration (House B/L)	CHR	Update Registered Advance Cargo Information (House B/L)
	ATD	Departure Time Registration		
	CMV	Update Registered Vessel Information for Advance Filing (Blanket)	BLL	Association of Registered B/L Numbers
6. Reporter ID & password	【Filers in abroad】 Existing valid “Reporter ID & password” as at July 1, 2025, 12:00 p.m. (JST) can be used. 【SP】 SP Code &password for SP Code will not be changed.			
7. System setting				
(1) Initialization	Every day from <u>9:00 a.m. to 10:00 a.m. (JST)</u> . During this duration, Comprehensive Operation Test is not available.			
(2) System date	Actual date and time.			
(3) Test data	We will prepare test data.			

4-②. Comprehensive Operation Test (Phase 2)

New!

Item	Details
1. Duration	From Monday, July 28, 2025 to Monday, August 12, 2025 ; 16 days including Saturday & Sunday Japan Customs will participate from Monday, July 28, 2025 to Thursday, August 12, 2025; NOTE: Saturday & Sunday & holiday is not available.
2. Available time	24 hours a day <Note> - Phase 2 will start from Monday, July 28, 10:00 a.m. (JST). - Phase 2 will end on Monday, August 12, 2025, 6:00 p.m. (JST).
3. Purpose	【Filers in abroad】 Getting used to procedure specifications. 【NACCS Center & SP】 Operation confirmation test on system switching etc.
4. Contents	【Filers in abroad】 Same as Phase 1.
5. Procedures	- Same as Phase 1. - Japan Customs will take part in Comprehensive Operation Test from Phase 2. - Japan Customs might arbitrary choose manifest information for sending Prior Notification. - Even if "Prior Notification" sent for Comprehensive Operation Test "specific directions from Japan Customs", there is no need to respond to Japan Customs.
6. System setting	
(1) Initialization	Nil.
(2) Data migration	AMR/CMR and AHR/CHR data as of Saturday, July 26, 2025, which have been registered to NACCS in practical operation, will be copied to production environment of 7th generation NACCS.
(3) System date	Actual date and time.
(4) Reporter ID & Password	【Filers in abroad】 Existing valid <u>"Reporter ID & password"</u> as of July 26, 2025, 11:15 p.m.(JST) can be used. 【SP】 Same <u>"SP Code & password"</u> as Phase 1.
7. Operation confirmation by NACCS Center	1. NACCS Center will conduct operation confirmation tests regarding system switching between Main Center and Back-up Center of 7 th generation NACCS in the following date; (1) Switching from Main Center to Back-up Center; Friday, August 8, 2025, 1:00 p.m. to 2:10 p.m. (JST) (2) Switching-back to Main Center; Sunday, August 10, 2025, 3:00 a.m. to 4:00 a.m. (JST) 【Filers in abroad】 No specific action is needed. However, please note that Comprehensive Operation Test is not available in the above duration. 2. Also NACCS Center will conduct operation confirmation tests assuming system maintenance and system troubles. Hence the test is not available in the following time; (1) Friday, August 1, 2025, from 1:00 p.m. to 1:05 a.m. (JST) (2) Sunday, August 3, 2025, from 2:30 a.m. to 5:00 a.m. (JST) (3) Friday, August 8, 2025, from 1:30 p.m. to 14:10 a.m. (JST) (4) Sunday, August 10, 2025, from 3:00 a.m. to 4:00 a.m. (JST)

4-④. Comprehensive Operation Test (phase 3)

New!

Item	Details
1. Duration	From Monday, August 27, 2025 to Wednesday, September 12, 2025 ; 17 days including Saturday & Sunday * Japan Customs will participate in all of the above duration. NOTE: Saturday & Sunday & holiday is not available 24 hours a day.
2. Available time	<Note> - Phase III will start from Monday, August 27, 2025, 10:00 a.m. (JST) . - Phase III will end on Monday, September 12, 6:00 p.m. (JST) .
3. Purpose	【Filers in abroad】 Getting used to procedure specifications. 【NACCS Center & SP】 Operation confirmation test on system switching etc.
4. Contents	【Filers in abroad】 Same as Phase I & II.
5. Procedures	- Same as Phase I & II. - Japan Customs will send Prior Notification as a test. - Japan Customs might arbitrary choose manifest information for sending Prior Notification. - Even if "Prior Notification" sent for Comprehensive Operation Test "specific directions from Japan Customs", there is no need to respond to Japan Customs.
6. System setting	
(1) Initialization	Nil.
(2) System date	Actual date and time.
(3) Test data	We will prepare test data.
(4) Reporter ID & password	【Filers in abroad】 Existing valid "Reporter ID & password" as of August 25, 2025, 12:00 p.m.(JST) can be used. 【SP】 Same "SP Code & password" as Phase I & II.
7. Operation confirmation by NACCS Center	1. NACCS Center will conduct operation confirmation tests regarding system switching between Main Center and Back-up Center of 6 th generation NACCS in the following date; (1) Switching from Main Center to Back-up Center; Wednesday, September 3, 2025, 1:30 p.m. to 2:10 p.m. (JST) (2) Switching-back to Main Center; Sunday, September 7, 2025, 3:00 a.m. to 4:00 a.m. (JST) 【Filers in abroad】 No specific action is needed. However, please note that Running Test is not available in the above duration. 2. Also NACCS Center will conduct operation confirmation tests assuming system maintenance and system troubles. Hence the test is not available in the following time; (1) Sunday, August 31, 2025, from 2:30 a.m. to 5:00 a.m. (JST) (2) Monday, September 9, 2025, from 1:00 a.m. to 1:40 a.m. (JST)

5. Change of Domain name used inside 7th NACCS network (1)

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.

For Comprehensive Operation Test, SP will use the domain name for the production environment.

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 Production/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 Comprehensive Operation Test, SP will use the domain name for the production environment. Details of the IP addresses will be provided separately in the Connectivity Test Guideline and configuration information.

6 . Configuration Information for Comprehensive Operation Test (SMTP/POP3)

E-mail Style Processing Mode (SMTP/POP3)

	Item	Remarks
1	IP address of NACCS connection router	No need to change from the value which has been set for Connectivity Test. Refer to Configuration Information when we sent in connectivity test.
2	IP address of SP system	
3	Subnet mask	
4	IP address of "ping" point (in NACCS network)	
5	IP address of "ping" point (in NACCS server)	
6	IP address of DNS server in NACCS network	
7	Mail address of NACCS	Refer to slide 12
8	Mail address of SP	
9	Mail box ID of SP (local part)	Continually use current Mail Box ID.
10	Mail box password of SP	Continually use current Mail Box Password.
11	SP code (5+3 digit)	Continually use current SP code.
12	Password for SP code	Continually use current Password for SP code.

6 . Configuration Information for Comprehensive Operation Test (SMTP two-way)

Interactive Processing Mode (SMTP two-way)

	Item	Remarks
1	IP address of NACCS connection router	No need to change from the value which has been set for Connectivity Test. Refer to Configuration Information when we sent in connectivity test
2	IP address of SP system	
3	Subnet mask	
4	IP address of "ping" point (in NACCS network)	
5	IP address of "ping" point (in NACCS server)	
6	IP address of DNS server in NACCS network	
7	Mail address of NACCS	Refer to slide 12
8	Mail address of SP	No need to change from the value which has been set for Connectivity Test.
9	Logical terminal computer name	
10	SP code (5+3 digit)	Continually use current SP code.
11	Password for SP code	Continually use current Password for SP code.

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>

NOTE:After upgrade October 12, 2025, our portal site URL is below:
<https://bbs.naccscenter.com/>



Inquiry on Comprehensive Operation Test

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

Nippon Automated Cargo And Port Consolidated System (NACCS) Inc.,
System Planning Dept.
Planning Division

Email: afr-k@naccs.jp



Inquiry on Advance Filing Rule (Operation)



Japan Customs
[Website URL]

<https://www.customs.go.jp/english/quest/index.htm>