

**ClassNK**  
NIPPON KAIJI KYOKAI



# PrimeShip-CTF for PSPC

In Compliance with  
resolutions MSC.215(82)

March 2012

ClassNK developed new PrimeShip-CTF in cloud system as advanced alternative for conventional PrimeShip-CTF in DVD system.

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## Software Performance

**Three Parties Agreement**

- Work Record
- Coating Log
- Inspection Report

**Coating Technical File**

**PrimeShip - CTF**

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PrimeShip-CTF is intended to work for managing the documents made during construction to be included in CTF.

Then, it is requested to note that the TPA preparation work before construction is not covered by this software.

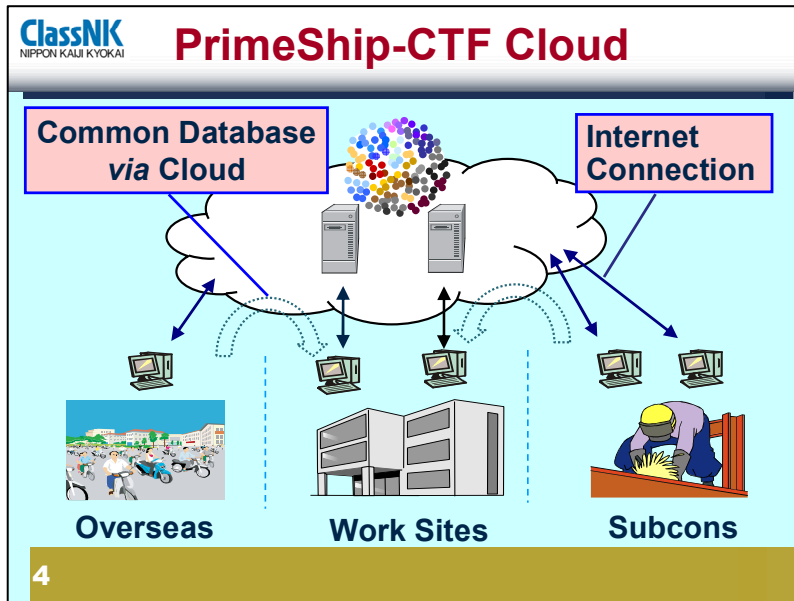
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## Joint Working Group

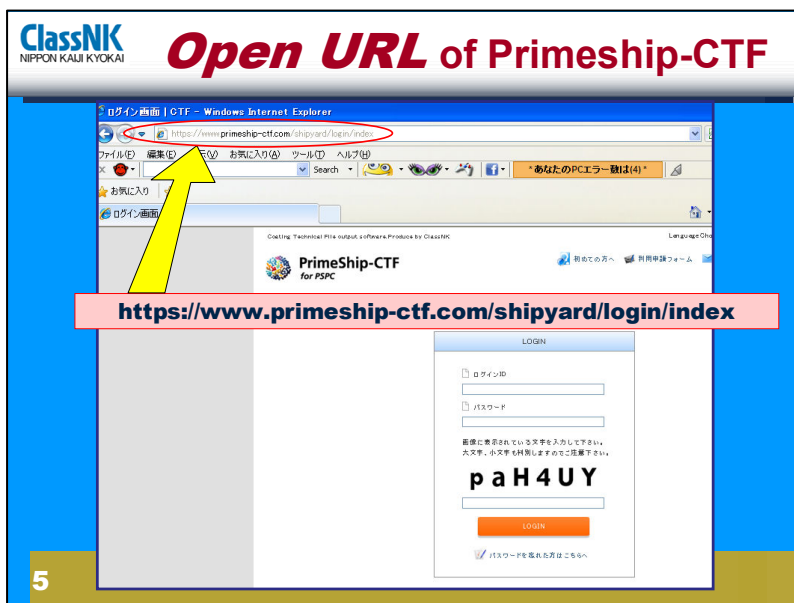
- Japan Ship Technology Research Association
- The Shipbuilders' Association of Japan
- The Cooperative Association of Japan Shipbuilders
- The Japanese Shipowners' Association
- Japan Paint Manufacturers Association

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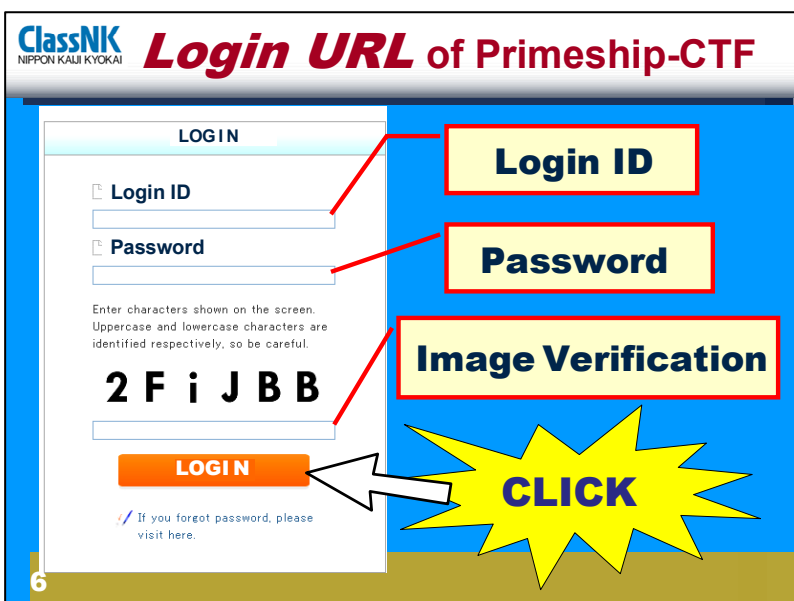
In order to establish this software in advanced form, several leading organizations of Japanese experts have joined to cooperate.



When using cloud system, every users can access the system from everywhere through internet without any installing special programm.



When using this software, at first the user should access to URL for PrimeShip-CTF. The URL of PrimeShip-CTF for shipbuilders is shown here.



After getting to URL, Login ID and Password which are to be informed by SVD of ClassNK head office in advance, should be input. After the input of Login ID and Password, Image verification is to be made.

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## Select Ship No.

PrimeShip-CTF for PSPC  
Login user: ClassNK Demo  
Number of ship under work: SNo.10001

HOME Ship under work changeover

Select the number of a ship

You can change over the number of ship to be worked.  
Select radio button for the number of a ship to be worked, and click "Change."  
After changing, confirm that changeover is normally completed referring to the following  
"Current number of ship under work" and "Number of ship under work" at left top of site, and proceed with your job.

**CLICK**

Number of ship under work changeover

Current worked ship number: SNo.10001

- SNo.10001
- SNo.10002
- SNo.10003
- SNo.10004
- 1375

Select

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Next, the screen for ship number selection will appear.

- (1) Ship number selection
- (2), (3) Then, selected ship number is displayed

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## Service Menu

**Coating Log Creation**

Shop Stage

Block Stage

- Form SSP
- Form CA
- Film thickness data
- Form DFT

Erection Stage

- Form SSP
- Form CA
- Film thickness data
- Form DFT

**Administrator Menu**

Overall basic setting

Basic setting for each ship number

**Report Administration**

Report printing

Report submission

Log format (English)

Log format (Japanese)

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Next, screen shows service menu in three basic fields.

One is administrator menu, the other is coating log preparation and report publishing control.

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## Administrator Menu

**Overall Basic Setting**

- Administrator Information
- Inspector/ Verifier
- Inspection site
- One Tome PW/ Login LOCK
- Access Record

**Basic Setting for each Ship Number**

- Ship Name
- Paint to use
- Block Name
- Pre-erec. Block Name
- Tank Name
- Reference Document

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User will first set up basic condition in administrator menu field.

First setup is for Overall Basic Setting

Second setup is for Basic setting for each ship number

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## Inspector Administration

**Inspector**

Inspector/supervisor registration number: 00000000

Inspector/supervisor: Inspector | Supervisor

\*User name: Tarou Yamada

\*Login ID: diensa01

\*Mail address: test@test.com

\*Password: diensa01

\*Password confirm input: diensa01

\*Rights:  Level A (Full operation/write/reviewing other user's report)  
 Level B (write/incapable of reviewing a report other than those created by oneself)

\*Name: 山田太郎

\*Sign registration:

**200 users available**

**Add Input Form**

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Administrator should first register the coating inspectors and verifiers as necessary, with their Login ID, Password and Signature.

To note that the administrator itself cannot be registered as an inspector/ supervisor again, since a Login ID can be registered only once.

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## Coating Log -SSP

**INPUT**

Steel Prep.

Surface Prep.

**OUTPUT**

FormOSP

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According to the list which was made by the administrator, all of necessary form sheets are to be prepared to be filled out. If new item becomes necessary to be added in the prepared list, the prepared list should be revised with backing to "Administration Menu".

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## Coating Log -CA

**INPUT**

1st Coat.

2nd Coat.

**OUTPUT**

FormCA Full coat

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It should be noted that input form and output form is usually different in style

In case of FormCA, i.e. the coating log for coating application, input sheets are separated for each coating process while output sheet combines into one sheet.

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# Shipyard's Verification

**INSPECTOR**

**VERIFIER**

**SELECT**

FormPSP Reports list

Inspection Year	Inspection site	Inspector	Supervisor	Status	Ship class	Exists
2011-07-02	ET Shell Blasting	Taro Yamada	Ukito Sugai	Acceptable	Shiden	Print
2011-08-01	ET Shell Blasting	Taro Yamada	Ukito Sugai	Acceptable	Shiden	Print
2011-08-01	ET Shell Blasting	Taro Yamada	Ukito Sugai	Acceptable	Shiden	Print
2011-08-01	ET Shell Blasting	Taro Yamada	Ukito Sugai	Acceptable	Shiden	Print
2011-08-02	ET Shell Blasting	Taro Yamada	Ukito Sugai	Acceptable	Shiden	Print
2011-08-02	ET Shell Blasting	Taro Yamada	Ukito Sugai	Acceptable	Shiden	Print
2011-08-02	ET Shell Blasting	Taro Yamada	Hajime Saito	Acceptable	Shiden	Print

**Enter Supervisor Sign**

Enter supervisor sign    Input into report submission list    Delete selected report

You cannot enter verifier sign unless you are logged in as a verifier.

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Report form should be signed first by the coating inspector, then by supervisor or verifier.

Regarding a subcontractor's coating job reported by the subcontractor's coating inspector, such report form should be verified by the shipbuilder's verifier.

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# Report Administration

**CLICK**

Report Administration

Report Printing

Report Submission

Log Format (English)

Log Format (Japanese)

Search Report

Select Form

Create PDF

PRINT

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The third service menu, the last menu is report administration.

After fixing the report form to print, it should be once convert to PDF by using "PrimoPDF" or other free software.

The output form in PDF format is available not only for printing but also for saving in computer.

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# Report Printing

FormCA - Block

Select	Inspection stage	Inspection site	Block Stage
<input checked="" type="checkbox"/>	block	CA_COAT	BN12(S)
<input checked="" type="checkbox"/>	block	CA_COAT	BN12(S)
<input checked="" type="checkbox"/>	block	CA_STRIPE	BN12(S)
<input checked="" type="checkbox"/>	block	CA_STRIPE	BN12(S)
<input type="checkbox"/>	block	CA_COAT	BN12(P)
<input type="checkbox"/>	block	CA_COAT	BN12(P)
<input type="checkbox"/>	block	CA_STRIPE	BN12(P)
<input type="checkbox"/>	block	CA_STRIPE	BN12(P)

Report List

Form CA Stripe Coat

Block Stage

Inspection Date / Time    2011-08-01 14:00    2011-08-01 14:00    2011-08-01 14:00

Inspector    Taro Yamada    Uki Sugai    Hajime Saito

Supervisor    Uki Sugai    Hajime Saito    Hajime Saito

Start    14:00    14:00    14:00

End    18:00    18:00    18:00

Manufacturer    OGIKAWA MARINE PAINTS LTD.    OGIKAWA MARINE PAINTS LTD.

Form CA Full Coat

Block Stage

Inspection Date / Time    2011-08-01 14:00    2011-08-01 14:00    2011-08-01 14:00

Inspector    Taro Yamada    Uki Sugai    Hajime Saito

Supervisor    Uki Sugai    Hajime Saito    Hajime Saito

Start    14:00    14:00    14:00

End    18:00    18:00    18:00

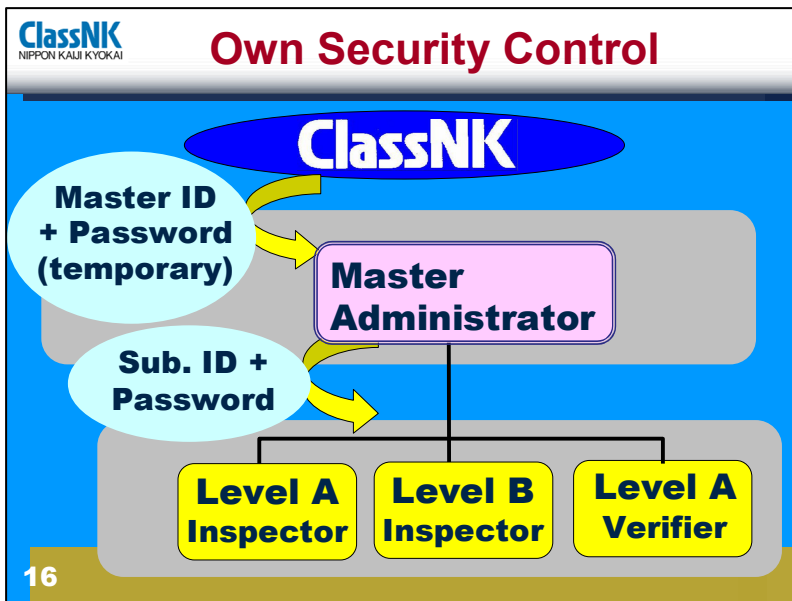
Manufacturer    OGIKAWA MARINE PAINTS LTD.    OGIKAWA MARINE PAINTS LTD.

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Report command is made by put check mark on the report list.

In this case, 4 reports is to be in one set.

It should be noted again, the original set of FormCAs of 4 sheets becomes printed out in 2 sheets.



Now, I would explain briefly about the preferable usability of this software.

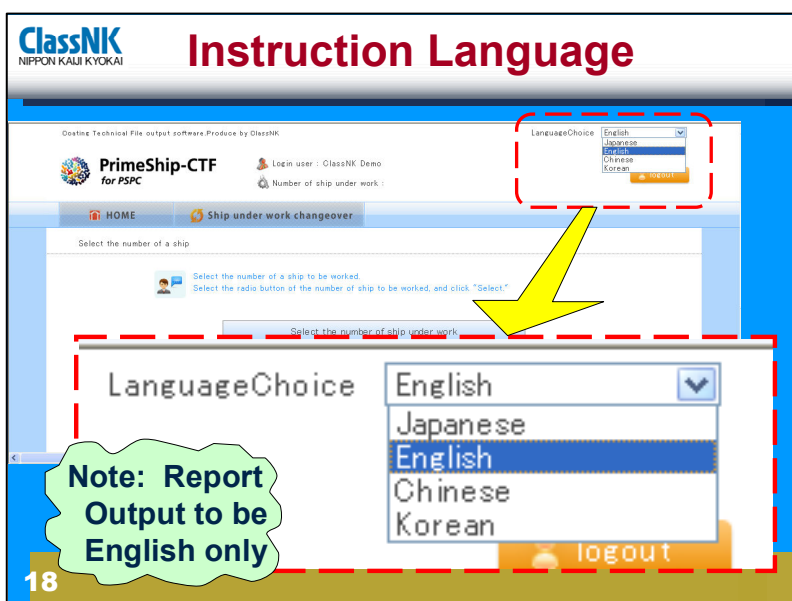
First, here shows the new concept of security system, that is, the security is to be controlled by each user's administrator respectively



The master administrator also have authority to setup the one time password and login lock.

One Time Password is additional password input before visiting site.

Login Lock is the setting to make nobody accessible to the site except the master administrator.



Next, about instruction languages.

New cloud system can be operated by Japanese, English, Chinese and Korean.

However, it should be noted that the output reports are printed always in English.

## Copy & Paste (1)

Copy all basic settings from other ship number.

S.No.10002  
 S.No.10003  
 S.No.10004  
 1375

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Next remarkable point is wide availability of “copy and paste” .

For “Basic Setting for each Ship Number” all data of former vessels are easily introduced in new vessel.

By using uppermost selection to copy all basic setting of a former vessel, all setting will be introduced into a new vessel.

## Copy & Paste (2)

Register block information

\*Maximum registerable number:1,000 items

Read information for another ship number

Administration No.	Block name	Area (m2)
1	10 BS-1	1500
2	11 BS-2	1650
3	21 SS-1	2100
4	22 SS-2	1850
5	23 SS-3	1900
6	30 UL-1	800
7	31 UC-1	450
8		
9		

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Another availability of “copy and paste” is to introduce a outer data file formatted in excel or csv format into form sheets.

Block list and film thickness measuring report will be prepared effectively by this function.

## Recommended Condition

<input type="checkbox"/>	<b>Browser</b>	<b>Explorer 7x, 8x Fire Fox 3.5 -</b>
<input type="checkbox"/>	<b>OS</b>	<b>Windows XP, 7</b>
<input type="checkbox"/>	<b>CPU</b>	<b>2 GHz -</b>
<input type="checkbox"/>	<b>Memory</b>	<b>1 GB -</b>
<input type="checkbox"/>	<b>Monitor</b>	<b>Resolution 1024 x 768 XGA -</b>
<input type="checkbox"/>	<b>HDD</b>	<b>30 GB -</b>
<input type="checkbox"/>	<b>Set Up</b>	<b>JavaScript / Cookie Effective</b>

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At last, here shows the recommendation about hardware arrangement conditions.



End

Total 22 Slides including front and back cover.