

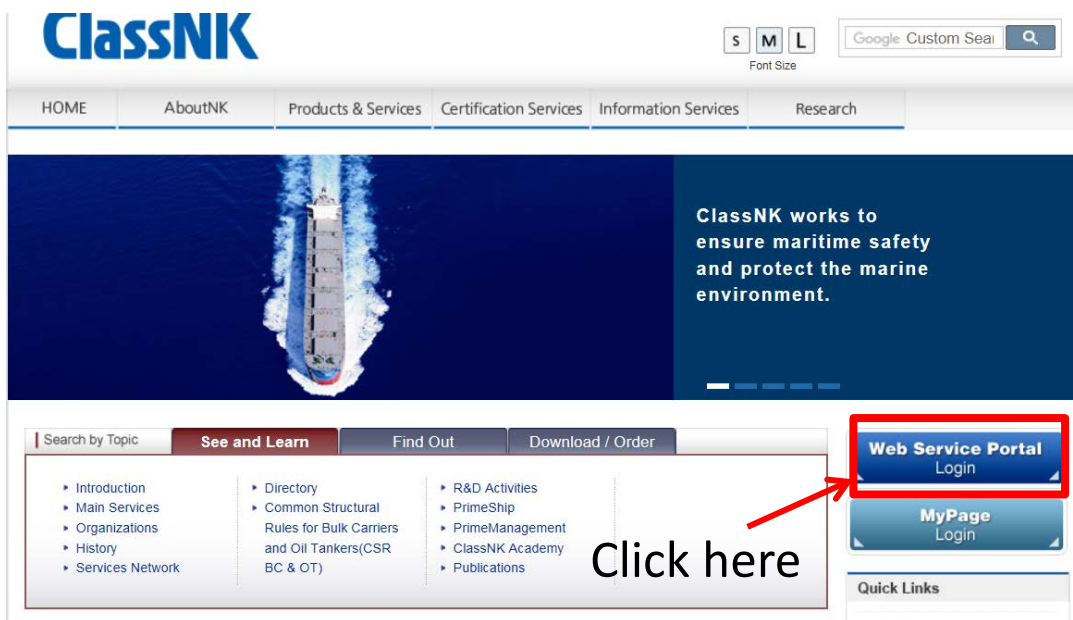
Quick start guide of ClassNK MRV Portal for compliance of IMO DCS For New User (No EU MRV)

July, 2019
ClassNK

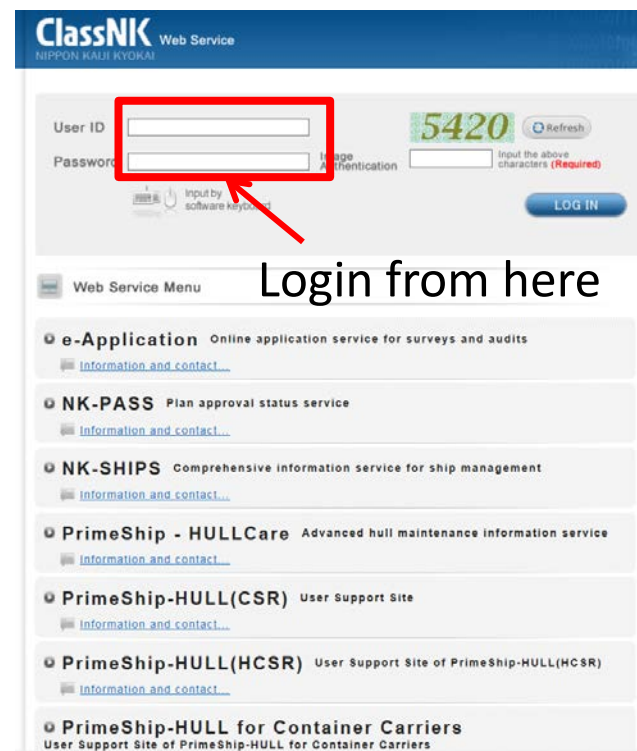
-For companies which have been already using ClassNK MRV Portal for EU MRV
Please go to page 13, and login and add the vessels for IMO DCS application.

-For companies which have not used ClassNK MRV Portal

Please access to our homepage and click “Web Service Portal” to apply on our NK Portal if you are already a NK-SHIPS user. And please proceed with registration as per page 2-12.



URL : <http://www.classnk.or.jp/hp/en/index.html>



For NK-SHIPS User

ClassNK Web Service
NIPPON KAIJI KYOKAI

日本語 English

Important Notice This is Web Service Portal Test site.

Web Service Menu LOG OUT

- e-Application** Online application service for surveys and audits
[Information and contact...](#) Go to Web Service
- NK-SHIPS** Comprehensive information service for ship management
[Information and contact...](#) Go to Web Service
- PrimeShip - HULLCare** Advanced hull maintenance information service
[Information and contact...](#) Go to Web Service
- PrimeShip - GREEN/EEOI** EEOI Calculation and Analysis System
[Information and contact...](#) Go to Web Service
- ClassNK MRV Portal** ClassNK MRV Portal
[Information and contact...](#) Go to Web Service

[Password Change](#)
[Password Management](#)

Microsoft Internet Explorer or Google Chrome or Firefox is required to use the following ClassNK web services. The website may be inoperable or may not display properly on other browser.

Topics More...

- 22 Aug 2018 **NEW**
Website updating for "PrimeShip-HULL(HCSR)"
- 07 Aug 2018 **NEW**
Website updating for "PrimeShip-HULL(HCSR)"
- 21 Jun 2018
Website updating for "PrimeShip-HULL(HCSR)"
- 05 Jun 2018
Website updating for "PrimeShip-HULL for Container Carriers"
- 09 May 2018

vascript:void(0);

Please apply for NK Portal from here.

For Non-NKSHIPS User

Quick Links	
Register of Ships	▶
Rules & Guidance	▶
Technical Information	▶
Management Systems	▶
Certification for Wind Turbine	▶
Port State Control	▶
Ballast Water Management Convention	▶
e-Certificate Verification	▶
Recruitment	▶

Related Links	
	▶
	▶
	▶
	▶

ClassNK offers software "ClassNK MRV Portal" which enables users to submit MP and ER smoothly as well as download MP templates and control monitoring data such as sending monitoring data and documentary evidence from ship or shore to the verifier. The company can utilize the input data gathered through this service for preparation and submission of ER. Submitting data through ClassNK MRV Portal leads to reduced costs of ClassNK certification services for EU MRV.

Please note that when the company deals with the regulation, it is required to develop MP in accordance with the company's procedures and monitor and confirm the accuracy of data, therefore just submission of data does not mean certification from the Society.

[ClassNK MRV Portal Terms and Conditions](#)

Application

"NK-SHIPS" users can apply for assessment and verification services from "ClassNK MRV Portal" in the [Web Service Portal](#).

For non-NK-SHIPS users, please apply for the assessment and verification services from the following link.

[Application for EUMRV \(For not NK-SHIPS users\)](#)

For non-NK-SHIPS users who would like to use ClassNK MRV Portal as trial, please apply from the following link.

[Application for ClassNK MRV Portal Trial \(For not NK-SHIPS users\)](#)

For those who cannot apply from the Web Service Portal nor above link, applications for the assessment and verification services are to be submitted to the Society using the form on this page by email or post.

For those who already applied and would like to apply additional ships, applications for additional ships are to be submitted to the Society using the form on this page by email or post.

Certification Activity	<ul style="list-style-type: none">• RULES FOR VALIDATION AND VERIFICATION OF GREENHOUSE GASES• PROCESS FOR HANDLING APPEALS AND COMPLAINTS• AUDIT FLOW CHART	PDF PDF PDF
------------------------	--	---

Please apply for NK Portal from here.

<http://www.classnk.or.jp/hp/en/authentication/eumrv/index.html>

Application Page

ClassNK MRV Portal

[TRIAL] Ver.1.4.1 - 2018/08/31

Operation Guide(Japanese) / Operation Guide(English)

Application

Applicant and Contact information

IMO No.	<input type="text"/>
Organization Name	<input type="text"/>
Address	<input type="text"/>
	City <input type="text"/>
	State/Province/Region <input type="text"/>
	Postcode/ZIP <input type="text" value="1040054"/>
	Country <input type="text" value="Japan"/> <input type="button" value="Q"/>
PIC	First Name <input type="text"/>
	Surname <input type="text"/>
	Position <input type="text"/>
	Department <input type="text"/>
	Tel <input type="text"/>
	Fax <input type="text"/>
	E-Mail <input type="text"/>
E-Mail Re-enter <input type="text"/>	

Please fill in an appropriate organization or departmental e-mail address.

Login ID for NK-SHIPS

- Have Login ID for NK-SHIPS Login ID :
- No Login ID for NK-SHIPS

Applicant & Billing Address *

- Same as applicant
- C/O
- Others

Organization Name	<input type="text"/>
Dept. / Section	<input type="text"/>
Address	<input type="text"/>
Contact	Tel <input type="text"/>
	Fax <input type="text"/>
	E-mail <input type="text"/>

*In case the billing address is different for each ship, please register the relevant information on the following page after completion of application.
User information - Ship list - "Edit" button - "Billing To" tab.

- Apply use of ClassNK MRV Portal on the consent to [the Terms of ClassNK MRV Portal](#).

Please input necessary information

ClassNK MRV Portal [TRIAL] Ver.1.4.1 - 2018/08/31 Operation Guide(Japanese) / Operation Guide(English)

Application

Applicant and Contact information

IMO No.	<input type="text" value="79914"/>
Organization Name	<input type="text"/>
Address	<input type="text" value="F"/>
	City <input type="text" value="Chuo-Ku"/>
	State/Province/Region <input type="text" value="Tokyo"/>
	Postcode/ZIP <input type="text" value="1040054"/>
	Country <input type="text" value="Japan"/> <input type="button" value="Q"/>
PIC	First Name <input type="text" value="Shimpei"/>
	Surname <input type="text" value="Watanabe"/>
	Position <input type="text" value="General Manager"/>
	Department <input type="text" value="Ship safety and environment Devision"/>
	Tel <input type="text" value="+81-3-5226-2076"/>
	Fax <input type="text" value="+81-3-5226-2077"/>
	E-Mail <input type="text" value="s_watanabe@classnk.or.jp"/>
E-Mail Re-enter <input type="text" value="s_watanabe@classnk.or.jp"/>	

Please fill in an appropriate organization or departmental e-mail address.

Login ID for NK-SHIPS

Have Login ID for NK-SHIPS Login ID :

No Login ID for NK-SHIPS

Applicant & Billing Address *

Same as applicant

C/O

Others

Organization Name	<input type="text"/>
Dept. / Section	<input type="text"/>
Address	<input type="text"/>
Contact	Tel <input type="text"/>
	Fax <input type="text"/>
	E-mail <input type="text"/>

*In case the billing address is different for each ship, please register the relevant information on the following page after completion of application.
User information - Ship list - "Edit" button - "Billing To" tab.

Apply use of ClassNK MRV Portal on the consent to [the Terms of ClassNK MRV Portal.](#)

Click and check “Terms and conditions”

Terms and condition will be pop up.

The screenshot shows the ClassNK MRV Portal interface. At the top, it displays 'ClassNK MRV Portal' and version information '[TRIAL] Ver.1.4.1 - 2018/08/31'. Below this, there are links for 'Operation Guide(Japanese)' and 'Operation Guide(English)'. The main content area is a registration form titled 'Application' with a sub-section 'Applicant and Contact'. The form includes fields for 'IMO No.' (79914), 'Organization Name' (Inui Glob...), 'Plaza To...', 'City', 'State/P...', 'Postcod...', 'Country', 'First Na...', 'Surnam...', 'Position', 'Depart...', 'Tel', 'Fax', 'E-Mail', and 'E-Mail'. A 'PIC' label is also present. A 'Terms and Conditions' pop-up window is overlaid on the form, containing the following text:

Terms and Conditions

Article 1 (Copyright and the data, etc.)

1. Copyright to the programs (web services and distribution programs) for the ClassNK MRV Portal service (this "Service", which does not include any services regarding any certification) and any other rights related to this Service shall belong to ClassNK (the "Society") and the development companies of this Service. Companies applying for EU-MRV/IMO DCS and users of this Service (collectively, the "Users") shall only have the non-exclusive right to use this Service in accordance with the terms and conditions herein (the "Terms and Conditions").
2. The Society may use a part of the service provided by Ship Data Center Co., Ltd. (the "ShipDC Service") to collect and store the data, which will be provided or transferred by the Users to the Society pursuant to their use of this Service. The data that the Users provide or transfer to the Society pursuant to their use of this Service will be stored in the data center managed by the Society relating to this Service (with respect to the data collected by using the ShipDC Service, in both the data center managed by the Society relating to this Service and the ShipDC Service). The Society will not assume the duty of care of a good manager with respect to the storage of such data, and will not warrant the completeness of such stored data and the availability for use of such stored data by the Users.
3. The Society and the Users shall use the data, provided or transferred by the Users to the Society pursuant to their use of this Service and stored in the data center managed by the Society relating to this Service and/or the ShipDC Service, only for the purpose of the EU-MRV/IMO DCS certification procedure, and shall not use it for any other purposes; provided, however, if an User enters into a separate contract with Ship Data Center Co., Ltd., by applying for the service in accordance with the terms and conditions set forth by Ship Data Center Co., Ltd. etc., such User may use such data stored in ShipDC Service for purposes other than EU-MRV/IMO DCS certification procedure in accordance with such separate contract.

At the bottom of the form, there is a note: 'Please fill in an appropriate organization or departmental e-mail address.' and a 'Confirm' button.

After checking, please click "Confirm"

ClassNK MRV Portal [TRIAL] Ver.1.4.1 - 2018/08/31 Operation Guide(Japanese) / Operation Guide(English)

Application

Applicant and Contact information

IMO No.	79914		
Organization Name			
Address	City	Chuo-Ku	
	State/Province/Region	Tokyo	
	Postcode/ZIP	1200021	
	Country	Japan	
PIC	First Name	Shimpei	
	Surname	Watanabe	
	Position	General Manager	
	Department	Ship safety and environment Division	
	Tel	+81-3-5226-2076	
	Fax	+81-3-5226-2077	
	E-Mail	googoojob+100@gmail.com	
E-Mail Re-enter	googoojob+100@gmail.com		

Login ID for NK-SHIPS

- Have Login ID for NK-SHIPS Login ID : IX0154
- No Login ID for NK-SHIPS

Applicant & Billing Address *

- Same as applicant
- C/O
- Others

Organization Name			
Dept. / Section			
Address			
Contact	Tel		
	Fax		
	E-mail		

*In case the billing address is different for each ship, please register the relevant information on the following page after completion of application.
User information - Ship list - "Edit" button - "Billing To" tab.

Apply use of ClassNK MRV Portal on the consent to the Terms of ClassNK MRV Portal.

Please click "Send"


A confirmation email

Registration email will be sent to your registered email

ClassNK MRV Portal [TRIAL] Ver.1.4.1 - 2018/08/31 Operation Guide(Japanese) / Operation Guide(English)

A e-mail has been sent to the input address.

Please finalize the registration by clicking the URL stated in the e-mail.



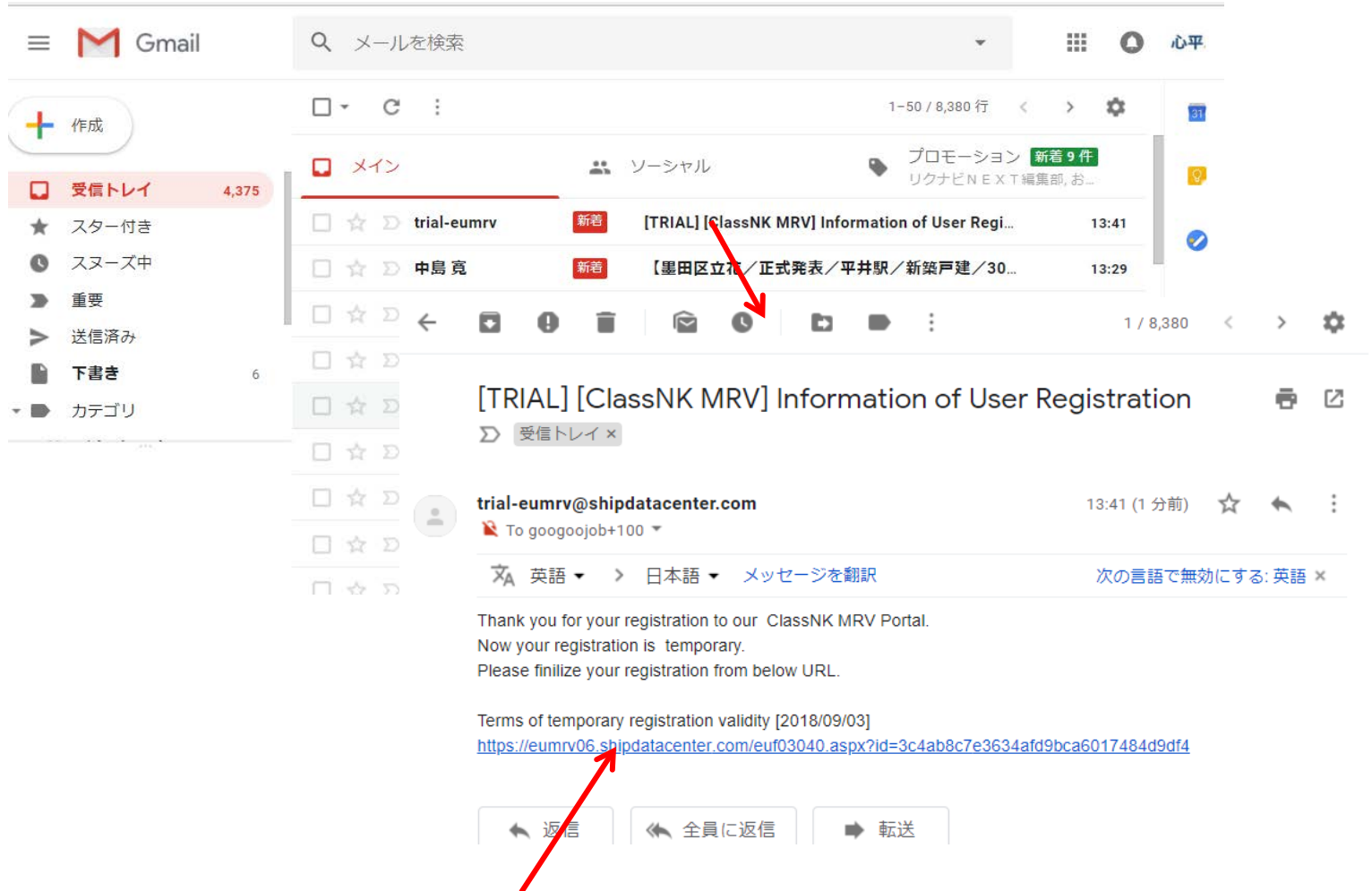
The screenshot shows a Gmail interface with the following elements:

- Search bar: メールを検索
- Left sidebar: 作成, 受信トレイ (4,375), スター付き, スヌーズ中, 重要, 送信済み, 下書き (6), カテゴリ
- Right sidebar: プロモーション (新着 9 件), リクナビNEXT編集部, お...
- Message list (1-50 / 8,380 行):

Sender	Subject	Time
trial-eumrv	[TRIAL] [ClassNK MRV] Information of User Regi...	13:41
中島 寛	【墨田区立花 / 正式発表 / 平井駅 / 新築戸建 / 30...	13:29
榎本祥子	転職会議の榎本祥子です。技術開発・構造解析・...	11:02
中島 寛	★新物件情報★【JR総武線 / 平井駅11分 / 注文...	8月30日
DAZN	渡邊様に今週末おすすめめの試合をピックアップ！ -!	8月30日
転職会議事務局	【NEW!】技術開発・構造解析・特許・調査の求...	8月30日
榎本祥子 (転職会議)	【残り1日】技術開発・構造解析・特許・調査で...	8月30日
榎本祥子 (転職会議)	違う職種にキャリアチェンジできるレアな求人40...	8月29日
中島 寛	【清浄白河・伴吉・菊川 / 限定1区画 / 注文住宅...	8月29日

A confirmation email

Registration email will be sent to your registered email

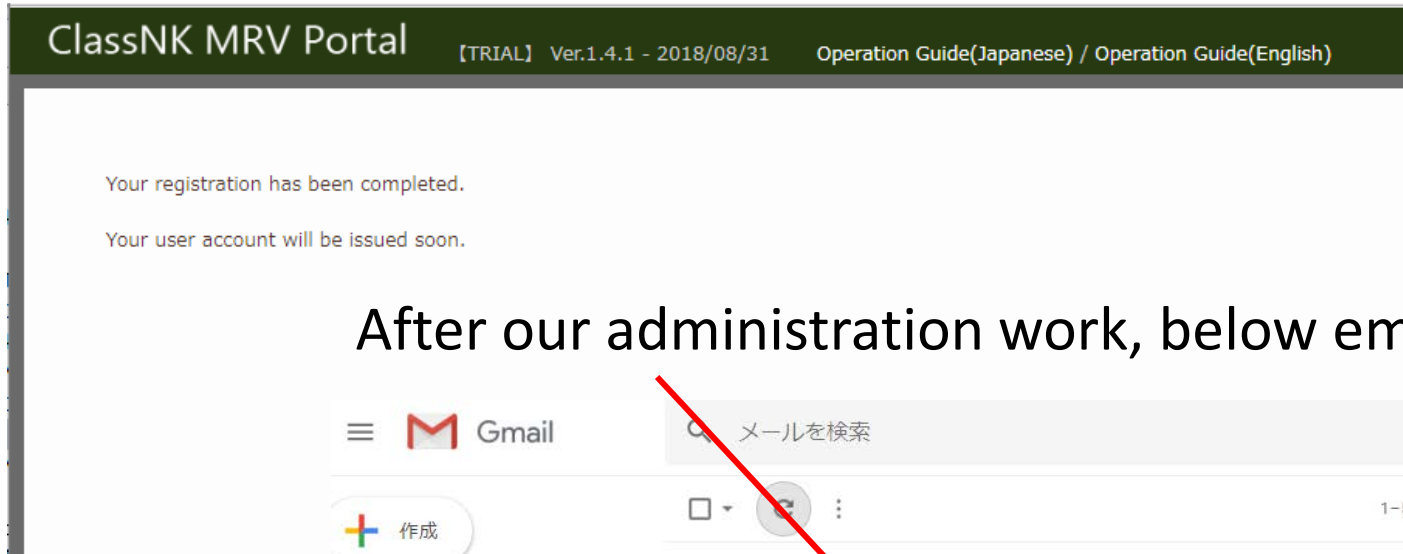


Please click URL in the email

A confirmation email

Registration shall be completed.

Please wait for a while (ClassNK will accept your application)



After our administration work, below email will come



A confirmation email

You can access ClassNK MRV Portal through URL on the below email

The image shows a Gmail interface on the left and a screenshot of the ClassNK MRV Portal website on the right. The email is from trial-eumrv@shipdatacenter.com and contains the following text:

[TRIAL] [ClassNK MRV] Completion of the registration for ClassNK MRV Portal

trial-eumrv@shipdatacenter.com 13:45 (0 分前)

To googoojob+100

英語 > 日本語 > メッセージを翻訳 次の言語で無効にする: 英語

Please be informed that your registration of ClassNK MRV Portal is complete.

Please log in web portal site by your NK-SHIP ID and Password from below URL;
<http://tri-portal.classnk.or.jp/portal/index.jsp>

The screenshot of the ClassNK MRV Portal website shows the following elements:

- Header: ClassNK MRV Portal [TRIAL] Ver.1.4.1 - 2018/08/31 User's Guide Video Manual
- Navigation: Monitoring, MP (Monitoring Plan), User Information
- Search: IMO No. [input], Ship [input], Status [input], Search
- Checkbox: Show the latest information/data only
- Table: Showing records per page: 50
- Table Headers: IMO_No, Ship, Plan Title, Revision, Status, Last update

A red arrow points from the URL in the email to the IMO No. input field in the website screenshot.

Initial Setting after Application

- Registration of detailed company data (EU MRV users can start from here)

ClassNK MRV Portal [TRIAL] Ver.1.4.1 - 2018/08/31 User's Guide Video Manual US000068 SQ Watanabe S

Monitoring
MP(Monitoring Plan)
User Information
Company Data
Ship List
Sub User List
Alert Setting

Applicant and Contact information

IMO No.

Organization Name

Address
City
State/Province/Region
Postcode/ZIP
Country

Top Management
First Name
Surname
Position

Management Representative for MRV
First Name
Surname
Position

PIC
First Name
Surname
Position
Department
Tel
Fax
E-Mail

Applied Regulation
 EUMRV
 IMO-DCS

Category of Certification (EUMRV)
 Monitoring Plan Assessment
 Emission Report (ER) Certification

Submission method of the Certification data
 Submit the Certification data by using ClassNK MRV Portal (Including data transferring by specific ablog system linking with ClassNK MRV Portal)
 Submit the Certification data without using ClassNK MRV Portal (Excel data, text data or hard copy, etc.)

Summary:

Period subject to ER Certification
 January 1, 2019 ~ December 31
 Every year since 2019

Applicant & Billing Address *
 Same as applicant
 C/O
 Others

Organization Name
Dept. / Section
Address
Tel
Fax
E-mail

*In case the billing address is different for each ship, please register the relevant information on the following page after completion of application.
User information - Ship list - "Edit" button - "Billing To" tab.

Signature image of Management Representative for MRV
(Image file format: JPG/TIF/GIF/PNG/BMP, Size: 944x236[pixel])

08.05.2017
Date Name and Signature of legally responsible person

Input company information

Check terms for certification

No need (for IMO only user)

Check "IMO DCS"

Check "...by using ClassNK MRV Portal"

[The Terms of ClassNK MRV Portal](#)

Print application information Save

Click save

Initial Setting after Application

- Registration of ship data and applied regulation

Ship List - Internet Explorer
https://eumrv06.shipdatacenter.com/portal/EUF07200.aspx

ClassNK MRV Portal [TRIAL] Ver.1.4.1 - 2018/08/31 User's Guide Video Manual US000068 SQ Watanabe Shimpa Logou

Monitoring
MP(Monitoring Plan)
User Information
Company Data
Ship List
Sub User List
Alert Setting

Ship List

List of registered ships

IMO No.	Ship name	Flag	Applied Regulation	
			EUMRV	IMO-DCS
0000002	NK Bulker	JPN	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Ship Detail

Print application information Edit Log Save Get NK's data Add Ship

Please add ships which are classed by other Classification Societies.

You can get your NK-SHIPS data from here for NK-classed ships.

Initial Setting after Application

- Registration of ship data and applied regulation

Ship Detail Get NK's data

Particulars Billing To

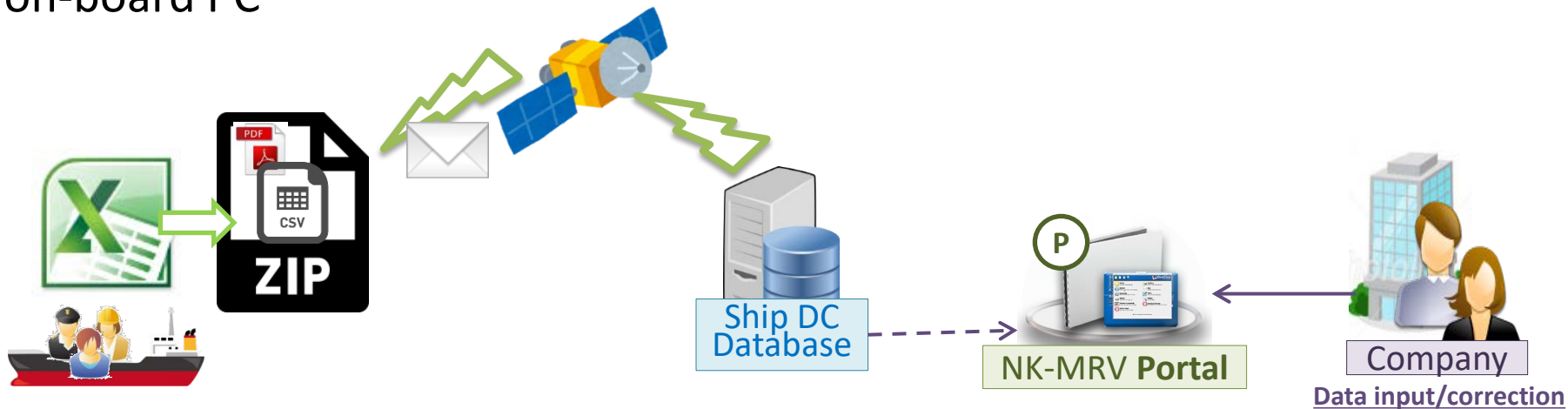
IMO No.	0000002		
Ship name	NK Bulker		
Applied Regulation	<input type="checkbox"/> EUMRV <input checked="" type="checkbox"/> IMO-DCS		
Distinctive number or letters (Call sign or Official No.)	5GETR	41220	
FLAG / PORT	Japan	Chiba	
Name of Ship owner	NK Shipping Co., Ltd.		
IMO No.(※)	43212	※Registered owner identification	
Management Company	NK Shipmanagement		
Type of ship(EUMRV)	Bulk carrier		
Type of ship(IMO-DCS)	BulkCarrier		
Deadweight	56000		
Gross tonnage	33000.00	Net tonnage	12000.00
Technical Efficiency (EEDI or n/a)	6	<input checked="" type="radio"/> EDDI <input type="radio"/> n/a	
Class			
Ice-class			
Additional identification parameters			

Delete Save

← Input EEDI on a ship's IEE cert, if applicable.

On-board reporting template of MRV Portal :

- On-board data reporting templates are automatically generated on MRV Portal web site with minimum setting
- Simple excel template
- One-Click packaging of supporting document and data for sending by email on-board PC



Merits of NK Portal:

- No need to install on-board applications
(Excluding the possibility of software bugs on PC)
- ZIP file can be sent by on-board E-mail system
(No internet connection required)

Preparation of Monitoring template

- Edit DCS monitoring format for each ship...

Fuel Type Used

HSFO	LSFO	MDO	MGO	LFO	LNG	LPGP	LPGB	MeOH	EeOH
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Cargo unit (if monitored)

Mass(MT)	Volume(m3)	Number of Containers	Number of Units	Lane metres (m)	Number of Passengers
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Other Voluntary Items

Voyage State	Loading condition	Fix
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Reporting system

System Name	Last update
<input type="radio"/> NK Standard excel template <input type="radio"/> Cooperated systems	
<input checked="" type="radio"/> NK Standard excel template <input type="radio"/> Cooperated systems	2018/08/31 14:56

Please choose fuel type for each ships

Please choose cargo type if you want to monitor EEOI (Voluntary)

Note : For EU MRV applied Ships, the current EU MRV template is sufficient and hence it will not be displayed under IMO DCS Report Template

Buttons: Save, All Download, All Download(Divide)

Preparation of Monitoring template

- Edit DCS monitoring format for each ship...

ClassNK MRV Portal [TRIAL] Ver.1.4.1 - 2018/08/31 User's Guide Video Manual US000068 SQ Watanabe Shimpa Logou

Monitoring
Status
Voyage Data *
MRV Voyage Data *
Report Data
API *
Report Template *
IMO-DCS Report Template
MP(Monitoring Plan)
User Information
Company Data
Ship List
Sub User List
Alert Setting

IMO No. Ship Search

Ship	Template *	Template(Divide) *	Fuel Type Used										Cargo unit (if monitored)					Ship
			HSFO	LSFO	MDO	MGO	LFO	LNG	LPGP	LPGB	MeOH	EeOH	Mass(MT)	Volume(m3)	Number of Containers	Number of Units	Lane metres (m)	
NK Bulker	Download	Download	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NK Bulker

Other Voluntary Items

Voyage State	Loading condition	Fix
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Reporting system

System Name	Last update
<input type="text"/>	
<input checked="" type="radio"/> NK Standard excel template <input type="radio"/> Cooperated systems	2018/08/31 14:56

Save All Download All Download(Divide)

Please choose report system (NK excel template or other cooperated systems)

You can voluntarily monitor voyage state (BF, RPM, M/E Output)

Please save when all data is fixed

Preparation of Monitoring template

- Download DCS monitoring format for each ship...

RV Portal [TRIAL] Ver.1.4.1 - 2018/08/31 User's Guide Video Manual US000068 SQ Watanabe Shimpa Logou

Ship	Template *	Template(Divide) *	Fuel Type Used										Cargo unit(if monitored)				Ship		
			HSFO	LSFO	MDO	MGO	LFO	LNG	LPGP	LPGB	MeOH	EeOH	Mass(MT)	Volume(m3)	Number of Containers	Number of Units		Lane metres (m)	Number of Passengers
NK Bulker	Download	Download	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NK Bulker

1. You can download format file (abt. 2MB) for on-board

2. You can download divided format files (3 x 700KB) for the case when an On-board email system has limitation on file size

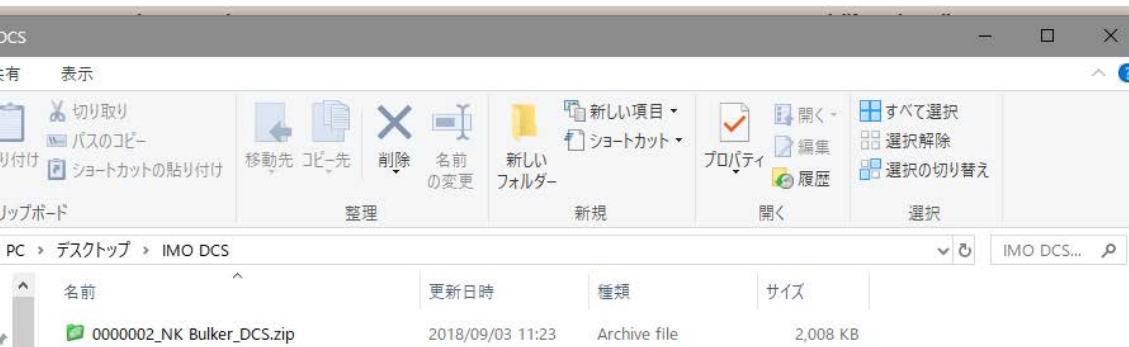
3. You can download all files from here

On-board reporting

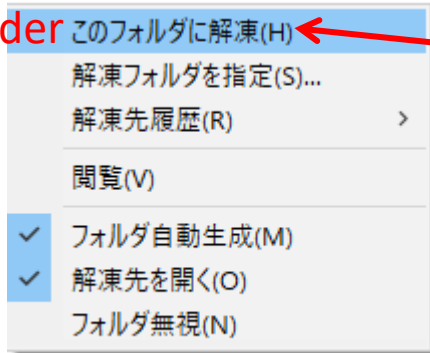
- Setting on board

Please send downloaded zip file to on-board.

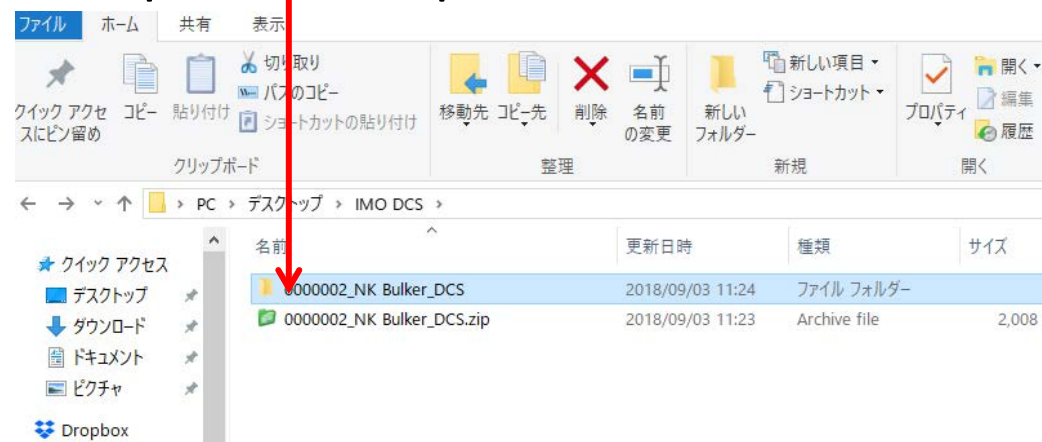
The zip file needs to be located on a local desktop or C drive as below;



Unzip in this folder



Decompress the zip file...



Software requirement (recommendation):

Windows 7 SP1 and above

Microsoft Excel 2010 and above

Configuration of file (please do not move “bin” files from this folder.)

The screenshot shows a Windows File Explorer window for the folder '0000002_NK Bulker_DCS'. A red box highlights the 'bin' folder and the '0000002_NK Bulker_DCS.xls' file. A red arrow points from the 'bin' folder to the Excel spreadsheet below.

The Excel spreadsheet is titled '0000002_NK Bulker_DCS.xls [互換モード] - Microsoft Excel'. It contains a table with the following data:

DCS		IMO No.	Name of ship		Validation					IMO DCS Monitoring Data					IMO DCS Supplemental data									
		Voyage Info		Time at the report (UTC/GMT)		Position at the report			Port information		Distance and time from last report		FOC from last report [MT]			ROB [MT]			Bunkered [MT]		Voyage stat			
#	Del	Sent	Voyage No.	Date	Time	Latitude	Longitude	Status (event)	Port name (at dep/arr)	UNLOCOD E	Distance travelled [nm]	Hours underway [hour]	HSFO	MDO	MGO	HSFO	MDO	MGO	HSFO	MDO	MGO	propeller revolution [RPM]	Ave Ou [k	
10	Format		X	yyyymmdd	0000 to 2359	0000.0000 to 9000.0000	N or S	00000.0000 to 180000.0000	E or W	X	XXXXXXXXXX	ABCDE	0000.0	0000.00	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	000.000	
11	Sample		1	20180106	0000	1843.8482	S	04835.0450	E	Arrival	Jakarta	IDJKT	6627.0	568.25	432.1	42.3	432.1	42.3	432.1	42.3	432.1	42.3	80	

On-board reporting

Sample input(Evidence attachment at first record (ROB) or Bunkering)

NK Bulker Validation Clear Add Row

Reporting basic data				IMO DCS Monitoring Data						IMO DCS Supplemental data						Voluntary data field				Evidence
Position at the report		Port information		Distance and time from last report		FOC from last report [MT]		ROB [MT]			Bunkered [MT]			Voyage state (Voluntary)		Loading Condition		Cargo Carried	File (BDN)	
Longitude	Status (event)	Port name (at dep/arr)	UNLOCODE	Distance travelled [nm]	Hours underway [hour]	HSFO	MDO	MGO	HSFO	MDO	MGO	HSFO	MDO	MGO	propeller revolution [RPM]	Ave. ME Output [kW]	Sea state [BF]	Laden or Ballast	Mass [MT]	BDN Filename (Please attach pdf or image files when fuel is bunkered.)
0000.0000 to 18000.0000	E or W	XXXXXXXXXX	ABCDE	0000.0	0000.00	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	000.000	00000	0 to 12	L or B	00000.0	XXXXXXXXXXXX.yyy
S 04835.0450	E	Arrival	Jakarta	IDJKT	6627.0	568.25	432.1	42.3	432.1	42.3	432.1	42.3	432.1	42.3	80	4000	4	L		abcdefghijklmnop.pdf
N 12614.2000	E	Departure	Taeian	KRTAN			3.03	0.00	1400.00			1461.11	0.00	0.00				B		
N 12606.7000	E	SOSP			7.0	1.30	1.99	0.00												
N 12545.2000	E	Noon			74.0	4.60	8.03	0.00							95.000	9223	4			
N 12731.6000	E	Noon			355.0	24.00	45.60	0.00							95.100	10082	5			
N 13029.9000	E	Noon			359.0	24.00	45.61	0.00							95.110	10084	5			
N 13329.8000	E	Noon			348.0	24.00	45.60	0.00							95.100	10082	5			
N 13623.2000	E	Noon			346.0	24.00	45.60	0.00							95.100	10082	5			
N 13913.8000	E	Noon			348.0	24.00	45.60	0.00							95.100	10082	4			
N 14200.6000	E	Noon			347.0	24.00	45.51	0.00							95.090	10081	4			
S 14441.4000	E	Noon			334.0	23.00	43.62	0.00							95.090	10082	4			
S 14738.4000	E	Noon			372.0	24.00	45.51	0.00							95.100	10081	4			
S 15141.3000	E	Noon			361.0	24.00	45.51	0.00							95.090	10081	4			
S 15254.1000	E	Noon			360.0	24.00	45.52	0.00							95.080	10083	4			
S 15356.5000	E	Noon			338.0	23.00	43.62	0.00							95.100	10082	4			
S 15346.0000	E	Noon													95.090	10081	4			
S 15201.1000	E	Noon													95.100	10081	4			
S 15224.4000	E	Drift																		
S 15207.0000	E	Drift																		
S 15146.1000	E	Arrival																		
S 15146.1000	E	Departure																		
S 15151.4000	F	Unknown																		

Browse

Select Evidence

PC > ドキュメント > ドキュメントの検索

名前	更新日時	種類	サイズ
Guide for MOL (j)	2018/01/09 16:31	ファイル フォルダ	
MRV	2018/05/29 13:42	ファイル フォルダ	
Outlook ファイル	2018/04/05 10:43	ファイル フォルダ	
test	2018/07/03 15:06	ファイル フォルダ	
コピー名簿2018編集版.xls	2018/01/07 13:49	ファイル フォルダ	
名簿2018編集版 (国交省関係者)	2018/01/07 13:33	ファイル フォルダ	
3.MRVP_ReportingProtocol_j_1.3.pdf	2018/04/06 9:38	Adobe Acrobat D...	1,577 KB
4.data-import API (20180306).pdf	2018/03/06 10:08	Adobe Acrobat D...	147 KB
Compressed (Zipped) Folder Access Deni...	2018/01/10 15:53	Adobe Acrobat D...	300 KB
Email.pdf	2018/03/27 13:12	Adobe Acrobat D...	512 KB
Resolution MEPC.203(62).pdf	2018/03/22 17:29	Adobe Acrobat D...	147 KB
9176565_20180109111145.zip	2018/01/16 15:05	Archive file	235 KB
9205976_20180111220002.zip	2018/01/12 8:25	Archive file	2 KB
9205976_20180118215959.zip	2018/01/19 14:56	Archive file	1 KB

Select BDN or logbook

File name (N): Email.pdf

開く(O)

Open

Voluntary data field	Evidence		
Sea state [BF]	Laden or Ballast	Mass [MT]	File (BDN)
0 to 12	L or B	00000.0	XXXXXXXXXXXX.yyy
4	L		abcdefghijklmnop.pdf
	B		C:\Users\0838\Documents\Email.pdf

Report file output

The screenshot shows an Excel spreadsheet with the following data:

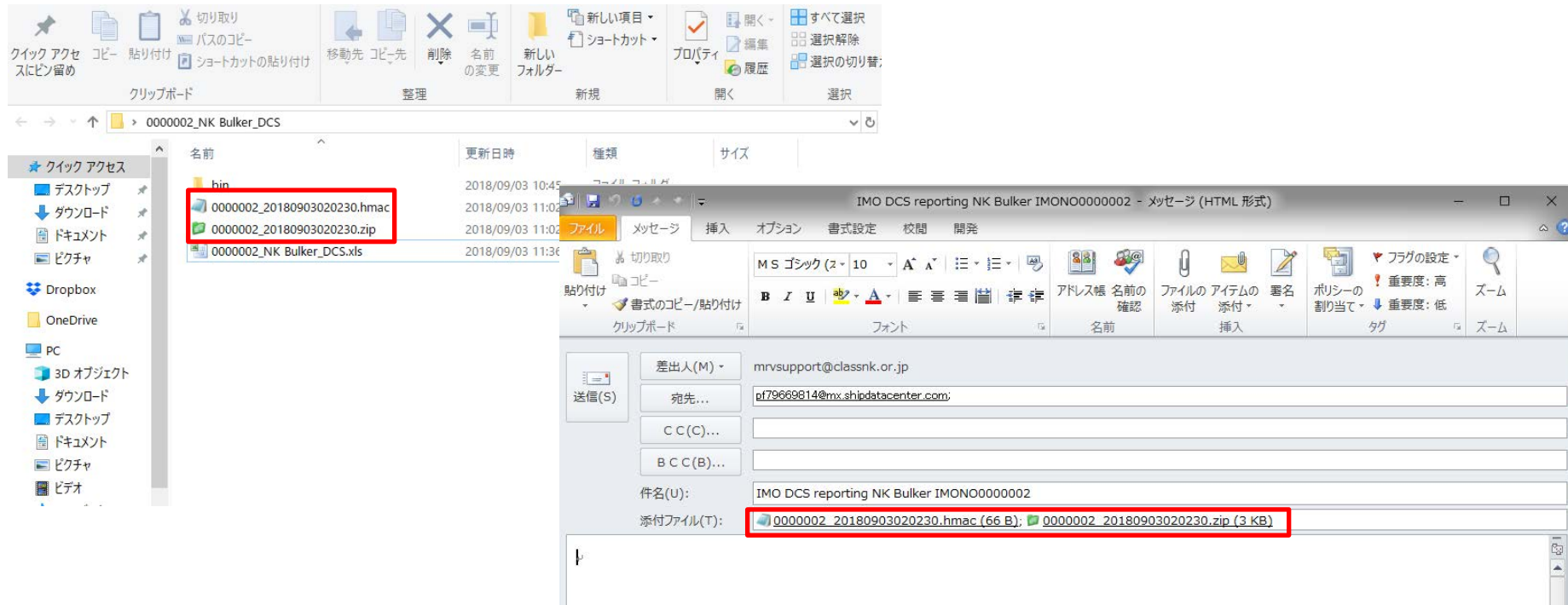
Report	IMO No.	0000002	Name of Ship	NK Bulker	Validation	Create zip	Ver.2	
Validation				Meta data	Version	Check data	Check file	Count
DCS	VoyageReport. BunkerReport		1	OK	OK	81	Events	
Create zip				Date	Time	Zip	Size(KB)	
2018/09/03	2018/9/3 2:02	0000002_20180903020230.zip	3.444336					

The screenshot shows a Windows File Explorer window with the following files:

名前	更新日時
bin	2018/09/03 1
0000002_20180903020230.hmac	2018/09/03 1
0000002_20180903020230.zip	2018/09/03 1
0000002_NK Bulker_DCS.xls	2018/09/03 1

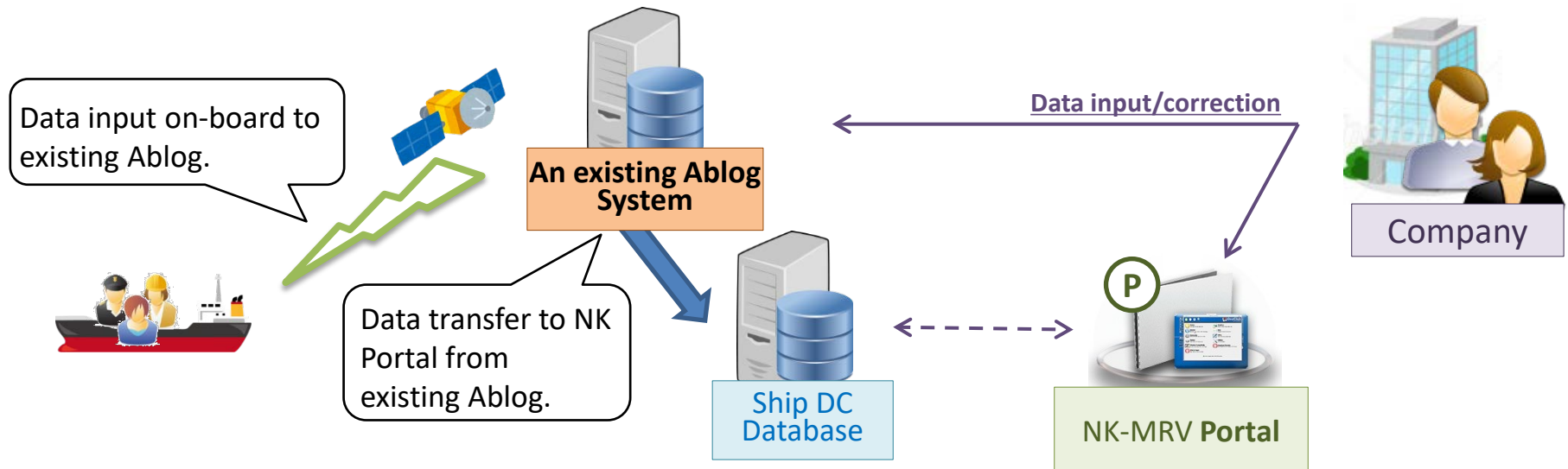
1. Go to “Report” sheet
2. Click “Validation” and “Create zip”
3. You can find zip/hmac file in the same folder with the excel sheet.

Report file transfer by email



1. Please attach the zip and hmac file to email (Do Not change filename.)
2. The mail to be sent to pf79669814@mx.shipdatacenter.com
3. Title and body can be blank.
4. Maximum file size is 7MB.

- Our standard data transmission protocol to NK is open to the public.
- Linkage with an Ablog-system enables a user to submit the monitoring data to NK by usually inputting Ablog only.

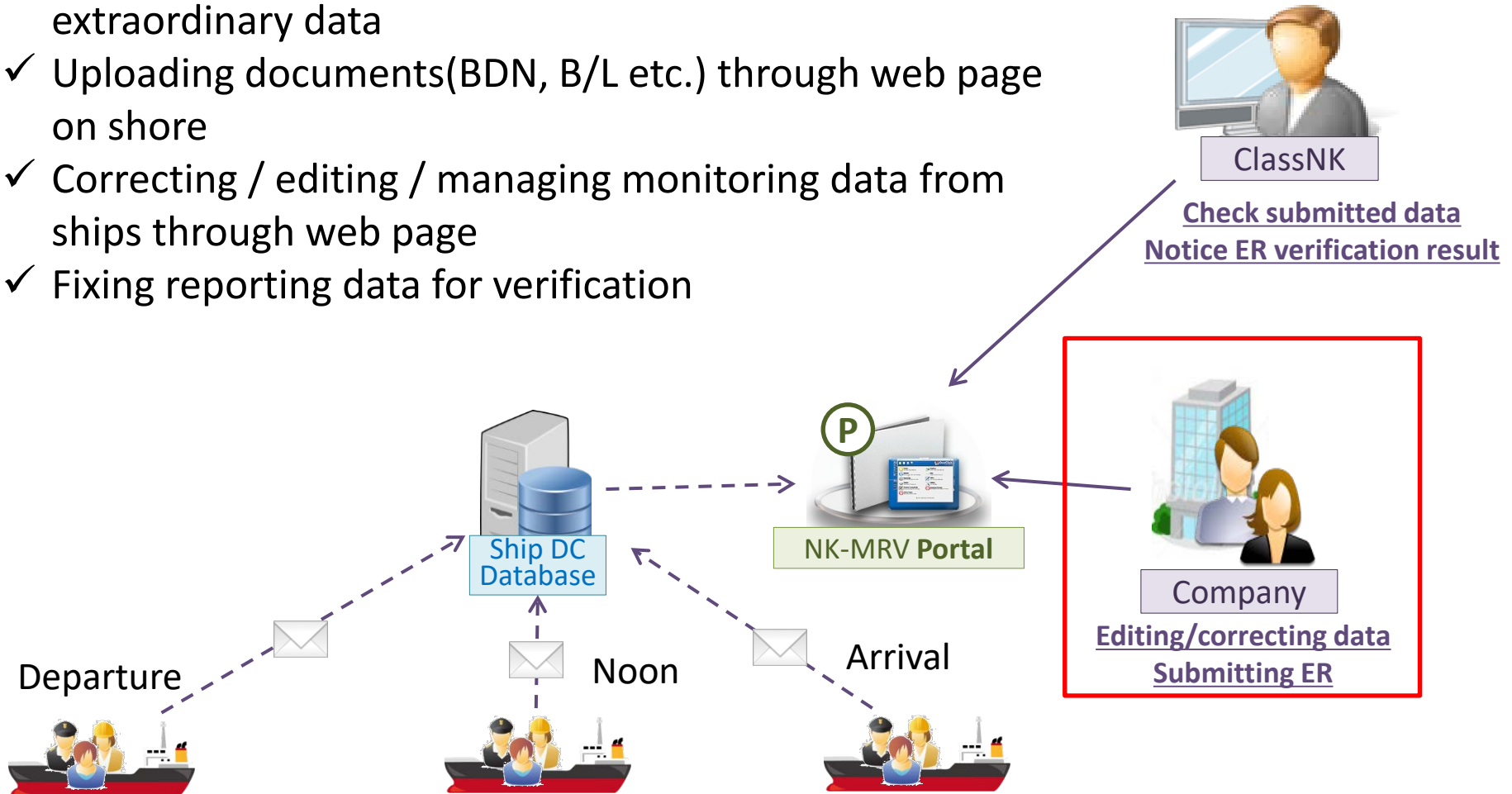


Merits of linkage with Ablog systems :

- Ship crews don't have to consider to input the data to MRV Portal.
- On-board duplicated work can be avoided.
- Ablog Data can be shared with proper IT security.

Function :

- ✓ Adding sub user login ID for each vessel
- ✓ Setting alert criteria for such as missing or extraordinary data
- ✓ Uploading documents(BDN, B/L etc.) through web page on shore
- ✓ Correcting / editing / managing monitoring data from ships through web page
- ✓ Fixing reporting data for verification



Data management on shore

You can see voyage data(port/cargo/distance and time/fuel) on “Voyage data” tab.

ClassNK MRV Portal Ver.1.3.0 - 2018/8/19 User's Guide Video Manual

Ship: NK Bulker Year: 2018

Detail of each voyage can be shown from “Detail” tabs

Error Mark	V/No.	Departure		Arrival		At Sea			In Port						
		Dep.Time(UTC)	Port	EU	Arr.Time(UTC)	Dep.Time(UTC)	Port	EU	Distance	Time	HSFO	MDO	MGO	HSFO	MDO
<input type="button" value="Edit"/> <input type="button" value="Detail"/>	36A	2018/01/31 21:06	Taeon		2018/02/16 14:54	2018/02/17 09:30	New Castle		4727.0	318.20	608.56	0.0	0.0	3.17	0.0
<input type="button" value="Edit"/> <input type="button" value="Detail"/>	36A	2018/02/17 09:30	New Castle		2018/03/06 03:30	2018/03/08 22:06	Taeon		4721.0	379.80	668.92	0.0	0.0	8.17	0.0
<input type="button" value="Edit"/> <input type="button" value="Detail"/>	37A	2018/03/08 22:06	Taeon		2018/03/22 09:42	2018/03/23 23:36	GLADSTONE		4192.0	297.90	547.68	0.0	0.0	6.9	0.0
<input type="button" value="Edit"/> <input type="button" value="Detail"/>	37A	2018/03/23 23:36	GLADSTONE		2018/04/10 02:12	2018/04/13 22:06	Taeon		4201.0	352.30	629.5	0.0	0.0	14.93	0.0
<input type="button" value="Edit"/> <input type="button" value="Detail"/>	38A	2018/04/13 22:06	Taeon						0	0	0.0	0.0	0.0	0.0	0.0



Voyage Data / Monitoring

Port: Cargo Distance and time Fuel

Ship speed estimated from Noon positions is over 20.0 knot.
Reported time spent at sea is inconsistent with Dep/Arr time

IMO No. 0000001 Ship Name NK Bulker

Distance 4727.0 nm (8734.4km) Time Spent at sea 318.20 h

Place	Rep.Time(UTC)	Lat./Long.	Distance (nm)	Time	Ave. RPM	Ave. Output (kw)	Sea State (BF)
Departure	2018/01/31 21:06	3654.8N,12614.2E	N.A.	N.A.			
SOSP	2018/01/31 22:24	3651.4N,12606.7E	7	1.3			
Noon	2018/02/01 03:00	3543.1N,12545.2E	74	4.6	95	9223	4
Noon	2018/02/02 03:00	3007.5N,12731.6E	355	24	95.1	10082	5
Noon	2018/02/03 03:00	2445.9N,13029.9E	359	24	95.11	10084	3
Noon	2018/02/04 03:00	1941.8N,13329.8E	348	24	95.1	10082	5
Noon	2018/02/05 03:00	1437.6N,13623.2E	346	24	95.1	10082	5
Noon	2018/02/06 03:00	933.2N,13913.8E	348	24	95.1	10082	4
Noon	2018/02/07 03:00	428.8N,14200.6E	347	24	95.09	10081	4
Noon	2018/02/08 02:00	23.7S,14441.4E	334	23	95.09	10082	4
Noon	2018/02/09 02:00	550.5S,14738.4E	372	24	95.1	10081	4
Noon	2018/02/10 02:00	957.4S,15141.3E	361	24	95.09	10081	4
Noon	2018/02/11 02:00	1546.2S,15254.1E	360	24	95.08	10083	4
Noon	2018/02/12 01:00	2118.6S,15356.5E	338	23	95.1	10082	4
Noon	2018/02/13 01:00	2740.6S,15346E	383	24	95.09	10081	4
EOSP	2018/02/13 21:30	3254.4S,15201.1E	339	20.5	95.1	10081	4
Drifting start	2018/02/13 22:42	3312.7S,15224.4E	22	1.2			
Drifting end	2018/02/16 11:06	3308S,15207E	8	0.8			
Arrival	2018/02/16 14:54	3253.3S,15146.1E	26	3.8			

N.A. : Not applicable (Not required for reporting)

Report Time (UTC) 2018/01/07 14:00

Event Status Noon

Report Lat./ Long. 2516.0000 N 14420.0000 E W

Voyage No. 201704 [Santos / QINGDAO]

Distance 139.0 nm Time Spent at sea 12.50 h

Distance through ice nm Time through ice h

Average propeller revolution 90,400 rpm

Average BHP 5542 kw

Sea State 4

Laden or Ballast Laden Ballast

FOC from last report [MTN]

HFO 11.120000

MDO

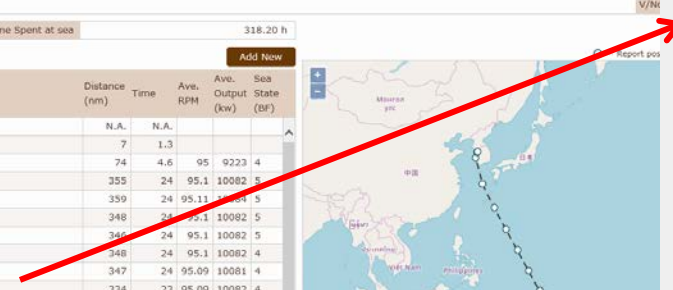
MGO 0.200000

FOC for cargo Heating [MTN]

FOC for Dynamic positioning [MTN]

Runkered [MTN]

Delete Save



You can correct wrong inputs.

BDN uploading procedure

ClassNK MRV Portal Ver.1.3.0 - 2018/8/19

Ship: NK Bulker
Year: 2018
 EU Port Only Exclude Submitted voyage

Showing records per page: 50 (1 - 5 / 5)

Departure				Arrival			
V.No.	Dep.Time(UTC)	Port	EU	Arr.Time(UTC)	Dep.Time(UTC)	Port	EU
36A	2018/01/31 21:06	Taeon		2018/02/16 14:54	2018/02/17 09:30	New Castle	
36A	2018/02/17 09:30	New Castle		2018/03/06 03:30	2018/03/08 22:06	Taeon	
37A	2018/03/08 22:06	Taeon		2018/03/22 09:42	2018/03/23 23:36	GLADSTONE	
37A	2018/03/23 23:36	GLADSTONE		2018/04/10 02:12	2018/04/13 22:06	Taeon	
38A	2018/04/13 22:06	Taeon					

Detail

ClassNK MRV Portal Ver.1.3.0 - 2018/8/19

Voyage Data / Monitoring [36A [Taeon-gun / Newcastle(AUS)]]

Port: [Taeon] Cargo: [] Distance and time: [] Fuel: []

IMO No. 0000001 Ship Name NK Bulker V.No. 36A

Place	Time(UTC)	FOC (MT)				ROB (MT)				
		HSFO	MDO	MGO	Ave. RPM	Ave.BHP	Sea State	HSFO	MDO	MGO
Departure [KRTAN]	2018/01/31 21:06	N.A.	N.A.	N.A.				1461.11		0.0
SOSP	2018/01/31 22:24	1.99	0.0	0.0				-	-	-
Noon	2018/02/01 03:00	8.03	0.0	0.0	95.000	9223	4	-	-	-
:00	45.6	0.0	0.0	0.0	95.100	10082	5	-	-	-
:00	45.61	0.0	0.0	0.0	95.110	10084	5	-	-	-
:00	45.6	0.0	0.0	0.0	95.100	10082	5	-	-	-
:00	45.6	0.0	0.0	0.0	95.100	10082	5	-	-	-
:00	45.6	0.0	0.0	0.0	95.100	10082	4	-	-	-
:00	45.51	0.0	0.0	0.0	95.090	10081	4	-	-	-
:00	43.62	0.0	0.0	0.0	95.090	10082	4	-	-	-
:00	45.51	0.0	0.0	0.0	95.100	10081	4	-	-	-
:00	45.51	0.0	0.0	0.0	95.090	10081	4	-	-	-

Time(UTC): 2018/02/17 00:00
Event Status: Departure
Report Lat./Long. [] []
Voyage No. 36A
Departure port []
ROB[MTN] at departure port []
Evidence of ROB []

Just drop file(s)

Add New

Fuel tab

Input date/event

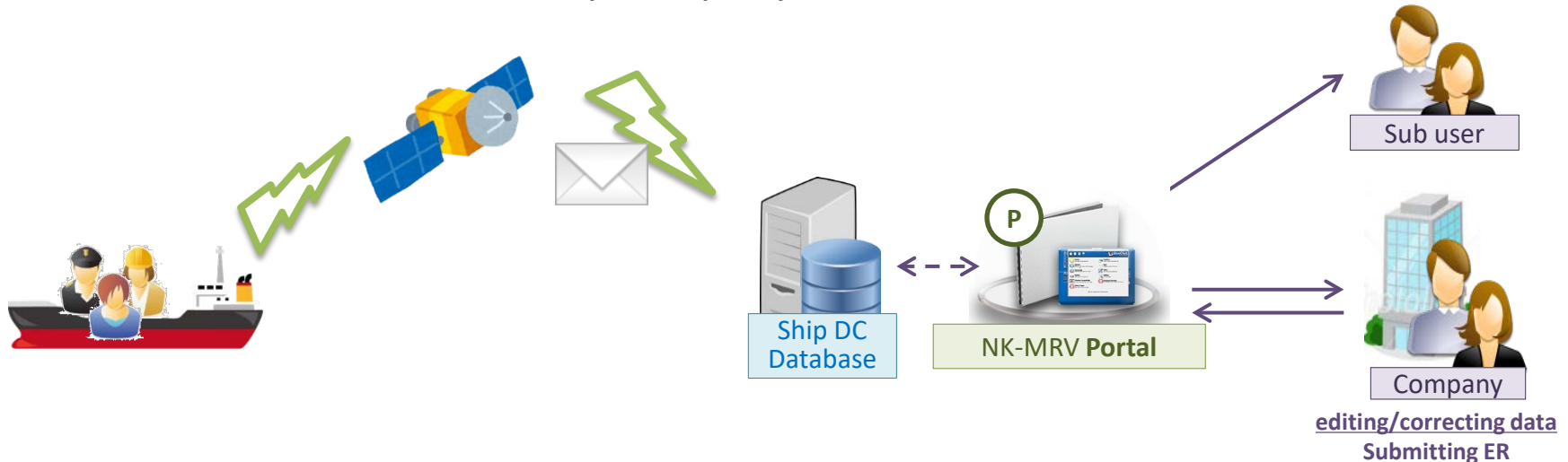
Add new

➤ **Function of Alert Criteria Setting for incorrect, missing or extraordinary data:**

- The function notifies the alerts to users for such as Data lack, wrong format, wrong order, unlikely value.

For example:

- [FOC check] Extraordinary FOC comparing with the accumulated data and/or estimation value from Engine SFOC (20% difference etc.)
- [Ship speed check] Extraordinary ship speed comparing with ship's spec. (over 25knot,etc)
- The criteria for alert is set by company's own standard on NK Portal site.



➤ Function of Alert Criteria Setting for missing or extraordinary data : Recommended alerts for IMO DCS ships

ClassNK MRV Portal [TRIAL] Ver.1.4.1 - 2018/08/31 User's Guide Video Manual US000068 SQ Watanabe Shippe Logou

Monitoring

- Status
- Voyage Data *
- MRV Voyage Data *
- Report Data
- API *
- Report Template *
- IMO-DCS Report Template
- MP(Monitoring Plan)
- Status
- List

User Information

- Company Data
- Ship List
- Sub User List
- Alert Setting**

Alert Setting

Valid	Error	Additional items	
<input checked="" type="checkbox"/>	Reported ROB is inconsistent with reported FOC	Divergence criteria (MT)	<input type="text" value="10"/>
<input type="checkbox"/>	Reported ship speed is over 20.0 knot.	Knot	<input type="text" value="20.0"/> Detail
<input type="checkbox"/>	Wrong order of events		
<input type="checkbox"/>	Period of the voyage is duplicated/isolated with the previous voyage		
<input checked="" type="checkbox"/>	ROB calculated by FOC has minus value.		
<input type="checkbox"/>	Reported FOC at sea is unusual value comparing to accumulated FOC which is already reported.	Divergence criteria (%) Times reported	<input type="text"/> <input type="text"/> Detail
<input type="checkbox"/>	Reported FOC in port is unusual value comparing to accumulated FOC which is already reported.	Divergence criteria (%) Times reported	<input type="text"/> <input type="text"/> Detail
<input type="checkbox"/>	Ship speed estimated from Noon positions is over 20.0 knot.	Knot	<input type="text" value="20.0"/> Detail
<input type="checkbox"/>	Reported time spent at sea is inconsistent with Dep/Arr timing	Hour	<input type="text" value="5.0"/>
<input type="checkbox"/>	The value of cargo carried is zero in spite of laden loading condition		
<input type="checkbox"/>	The value of cargo carried is not zero in spite of ballast loading condition		
<input type="checkbox"/>	The value of cargo carried is larger than maximum.	Mass (MT) TEU/Full TEU/Empty Unit Lane metres Passengers Volume	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Detail
<input type="checkbox"/>	Data lack		
<input type="checkbox"/>	Unlikely Value		

[Save](#)

➤ Monitoring data check by alert system

The alerts are listed on “Monitoring - Alert History” tab.

ClassNK MRV Portal Ver.1.3.0 - 2018/8/19 [User's Guide](#) [Video Manual](#) US000884 SQ Test Use [Logout](#)

Monitoring

- Alert History**
- Voyage Data *
- MRV Voyage Data *
- Pending Data *
- API *
- Report Template *

MP(Monitoring Plan)

User Information

Ship IMO No.

Showing records per page :
1 - 11 / 11

Ship	Report	Subject	
NK Bulker	Voyage	36A	Ship speed estimated from Noon positions is over 20.0 knot.
NK Bulker	Voyage	36A	Reported time spent at sea is inconsistent with Dep/Arr timing
NK Bulker	Voyage	36A	Reported ROB is inconsistent with reported FOC
NK Bulker	Voyage	36A	Reported ROB is inconsistent with reported FOC
NK Bulker	Voyage	37A	Reported ROB is inconsistent with reported FOC
NK Bulker	Voyage	37A	Ship speed estimated from Noon positions is over 20.0 knot.
NK Bulker	Voyage	37A	Unlikely Value
NK Bulker	Voyage	37A	Reported ROB is inconsistent with reported FOC
NK Bulker	Voyage	37A	Reported ROB is inconsistent with reported FOC
NK Bulker	Voyage	37A	Unlikely Value
NK Bulker	Voyage	37A	Reported ROB is inconsistent with reported FOC

➤ Monitoring data check by alert system

You can move detailed alert data by clicking each alert data.

ClassNK MRV Portal Ver.1.3.0 - 2018/8/19 [User's Guide](#) [Video Manual](#) US000884 5

Monitoring (Left Sidebar): Alert History, Voyage Data *, MRV Voyage Data *, Pending Data *, API *, Report Template *, MP(Monitoring Plan), User Information

Voyage Data / Monitoring (Breadcrumbs): << Prev 37A [Tae-an-gun / Gladstone] Next >> Back

Port: [] Cargo: [] Distance and time: [] **Fuel**: []

Alert Message: Reported ROB is inconsistent with reported FOC
Unlikely Value
-Time spent at sea

IMO No. 0000001 Ship Name NK Bulker V/No. 37A

Place	Time(UTC)	FOC (MT)			Ave. RPM	Ave.BHP	Sea Stat
		HSFO	MDO	MGO			
Departure [KRTAN]	2018/03/08 22:06	N.A.	N.A.	N.A.			
SOSP	2018/03/08 23:30	2.33	0.0	0.0	43.750	6720	
Noon	2018/03/09 03:00	6.27	0.0	0.0	89.900	8732	
Noon	2018/03/10 03:00	41.42	0.0	0.0	90.070	9134	
Noon	2018/03/11 03:00	42.4	0.0	0.0	90.690	9377	
Noon	2018/03/12 03:00	43.32	0.0	0.0	91.200	9382	
Noon	2018/03/13 03:00	44.04	0.0	0.0	91.560	9572	
Noon	2018/03/14 03:00	44.98	0.0	0.0	92.260	9907	
Noon	2018/03/15 03:00	45.95	0.0	0.0	93.060	9968	

Annual data aggregation and report

After a whole calendar year is finished or When flag/management is changed, users aggregate the reporting data and report to flag/RO through this system. Please go to “IMO DCS Annual Report – All /Newly Input” to make a DCS Annual Report.

Annual Report List - Internet Explorer
https://eumrv06.shipdatacenter.com/portal/EUF06310.aspx

ClassNK MRV Portal [TRIAL] Ver.1.6.5 - 2019/07/17 User's Guide Video Manual US000678 SQ Minatoya Shinji Logout

Monitoring
MP(Monitoring Plan)
EU Emission Report
IMO DCS Annual Report
Ongoing AR *1 new items.
ALL / Newly input
User Information

Year Start Date End Date Flag
Ship IMO No. Status Search

Showing records per page : 50 1 - 7 / 7

Year	Start Date	End Date	Flag	IMO No.	Ship	Status *	Last update
2019	2019/01/01	2019/08/01	MHL			Settled	2019/07/19 16:21
2018	2018/01/01	2018/12/31	JPN			Verified	2019/07/17 11:06
2018	2018/01/01	2018/12/31	JPN			Verified	2019/07/11 15:24
2019	2019/06/07	2019/12/31	VUT			Report to Flag	2019/07/19 15:46
2019	2019/01/01	2019/06/06	AND			Settled	2019/07/19 13:21
2019	2019/01/01	2019/12/31	PAN			Settled	2019/07/19 16:19
2019	2019/01/01	2019/12/31	SGP			Draft	2019/07/01 15:15

IMO DCS Annual Report input

Annual data aggregation and report

Please click “IMO DCS Annual Report input” to start.

The screenshot shows the ClassNK MRV Portal interface. The top navigation bar includes the text "ClassNK MRV Portal", version information "[TRIAL] Ver.1.6.5 - 2019/07/17", and links for "User's Guide" and "Video Manual". The user's name "US000678 SQ Minatoya Shinji" and a "Logout" button are also visible.

The left sidebar contains a menu with the following items: "Monitoring", "MP(Monitoring Plan)", "EU Emission Report", "IMO DCS Annual Report", "Ongoing AR *1 new items.", "ALL / Newly input", and "User Information".

The main content area features a search form with the following fields: "Year" (dropdown), "Start Date" (calendar icon), "End Date" (calendar icon), "Flag" (text input), "Ship" (text input), "IMO No." (text input), and "Status" (dropdown). A "Search" button is located to the right of the "Status" field.

Below the search form, there is a table with the following columns: "Year", "Start Date", "End Date", "Flag", "IMO No.", "Ship", "Status*", and "Last update". The table contains 8 rows of data:

Year	Start Date	End Date	Flag	IMO No.	Ship	Status*	Last update
2019	2019/01/01	2019/08/01	MHL			Settled	2019/07/19 16:21
2018	2018/01/01	2018/12/31	JPN			Verified	2019/07/17 11:06
2018	2018/01/01	2018/12/31	JPN			Verified	2019/07/11 15:24
2019	2019/06/07	2019/12/31	VUT			Report to Flag	2019/07/19 15:46
2019	2019/01/01	2019/06/06	AND			Settled	2019/07/19 13:21
2019	2019/01/01	2019/12/31	PAN			Settled	2019/07/19 16:19
2019	2019/01/01	2019/12/31	SGP			Draft	2019/07/01 15:15

At the bottom right of the page, there is a button labeled "IMO DCS Annual Report input" which is highlighted with a red rectangle.

Annual data aggregation and report

Please select year, reporting period and ship to generate the report.

The screenshot displays the ClassNK MRV Portal interface. The main page shows a search form with fields for Year, Start Date, End Date, Flag, Ship, IMO No., and Status. A modal dialog box titled "IMO DCS Annual Report / Newly input" is overlaid on the page. This dialog box contains the following fields:

- Year: 2019 (dropdown menu)
- Start Date: 2019/01/01 (calendar icon)
- End Date: 2019/10/10 (calendar icon)
- Ship: TEST888 (dropdown menu)
- Flag: Panama (search icon)

A red rectangular box highlights the Year, Start Date, and End Date fields. Below the dialog box is a button labeled "IMO DCS Annual Report input". The background page shows a list of records with columns for "Last update" and a "Showing records per page" dropdown set to 50.

A new draft report will be shown.

The screenshot shows the ClassNK MRV Portal interface. The browser address bar displays <https://eumrv06.shipdatacenter.com/portal/EUF06400.aspx>. The page title is "ClassNK MRV Portal" with version information "[TRIAL] Ver.1.6.5 - 2019/07/17" and navigation links for "User's Guide" and "Video Manual". A user is logged in as "US000678 SQ Minatoya Shin".

The main content area is titled "IMO DCS Annual Report" and includes buttons for "Back to list", "Submit", and "Delete". Below the title are tabs for "Project", "DCS Reporting Format", "Voyage List", "Raw Data", and "Documents/SOC".

The "Workflow" section contains a table:

Status	Draft
Last Update	2019/07/19 16:49

The "Reporting period (Year : 2019)" section includes a "Save" button and date pickers for "Start date" (2019/01/01) and "End date" (2019/12/31).

The "Ship Information" section contains the following details:

Ship Name	MARU	IMO No.	3648775
Company Name	SHIP DATA CENTER CO., LTD.		
Flag	Japan		

The "Comment" section is a large empty text area.

Annual data aggregation and report

Please check a ship's particulars and necessary information for reporting at "DCS Reporting Format" tab.

You can edit ship particulars from "Ship detail" button.

Consumption and relevant aggregation data is shown on the page below.

ClassNK MRV Portal [TRIAL] Ver.1.6.5 - 2019/07/17 User's Guide Video Manual US000678 SQ Minatoya Shi Logo

Monitoring < MP(Monitoring Plan) EU Emission Report IMO DCS Annual Report Ongoing AR *2 new items. ALL / Newly input User Information

IMO DCS Annual Report Back to list Submit Delete

Project **DCS Reporting Format** Voyage List Raw Data Documents/SOC

* marked items are mandatory input. Please input on below display or from "Ship Detail" button. Ship Detail Check Reload Save

Reporting period Start date 2019/01/01 End date 2019/12/31

Ship Particulars

Name of ship * MARU
IMO No. *
Company *	SHIP DATA CENTER CO., LTD.
FLAG / PORT *	Japan / Kagoshima
Ship type *	Tanker
Gross tonnage *	66071
Net tonnage *	37726
Deadweight *	120015
EEDI (if applicable) (gCO2/t.nm)	
Ice class (if applicable)	
Power output (rated power)(kW)	12210
Auxiliary Engine(s) *	0 (Please input the total output of all the Auxiliary Engines. e.g. 550 kW x 3 = 1650 kW)

Consumption Data

	Actual reported value
Distance Travelled (nm)	7916
Hours underway (h)	819
Diesel/Gas Oil (Cf:3.206)	55
LFO (Cf:3.151)	
HFO (Cf:3.114)	1482
LPG(Propane)	

Annual data aggregation and report

You can see each voyage record of the reporting period at “Voyage Data” tab.
You can see the detail of each voyage clicking the line of the voyage.

IMO DCS Annual Report [Back to list] [Submit] [Delete]

Project: DCS Reporting Form: **Voyage List** Raw Data Documents/SOC

Ship: k Year: 2019

Showing records per page: 50 1 - 14 / 14

Departure				Arrival			
V/No.	Dep.Time(UTC)	Port	L/U EU	Arr.Time(UTC)	Dep.Time(UTC)	Port	L/U EU
012L	2019/02/27 05:35	KOZMINO	<input checked="" type="checkbox"/>	2019/03/02 18:45	2019/03/05 08:45	KIKUMA	<input checked="" type="checkbox"/>
012L	2019/03/05 08:45	KIKUMA	<input checked="" type="checkbox"/>	2019/03/11 05:00	2019/03/14 04:36	KOZMINO	<input checked="" type="checkbox"/>
013L	2019/03/14 04:36	KOZMINO	<input checked="" type="checkbox"/>	2019/03/17 23:40	2019/03/19 03:00	SAKAI(JXTG)	<input checked="" type="checkbox"/>
013L	2019/03/19 03:00	SAKAI(JXTG)	<input checked="" type="checkbox"/>	2019/03/20 10:15	2019/03/22 04:50	KIIRE	<input checked="" type="checkbox"/>
013K309	2019/03/22 04:50	KIIRE	<input checked="" type="checkbox"/>	2019/03/23 06:05	2019/03/27 06:30	IWAKUNI	<input checked="" type="checkbox"/>
013K309	2019/03/27 06:30	IWAKUNI	<input checked="" type="checkbox"/>	2019/03/28 03:45	2019/03/29 08:50	KIIRE	<input checked="" type="checkbox"/>
013K310	2019/03/29 08:50	KIIRE	<input checked="" type="checkbox"/>	2019/03/30 08:20	2019/04/03 04:10	IWAKUNI	<input checked="" type="checkbox"/>
013K310	2019/04/03 04:10	IWAKUNI	<input checked="" type="checkbox"/>	2019/04/04 00:15	2019/04/05 04:20	KIIRE	<input checked="" type="checkbox"/>
013K311	2019/04/05 04:20	KIIRE	<input checked="" type="checkbox"/>	2019/04/07 00:05	2019/04/09 01:40	NEGISHI	<input checked="" type="checkbox"/>
013K311	2019/04/09 01:40	NEGISHI	<input checked="" type="checkbox"/>	2019/04/11 04:45	2019/04/12 06:00	KIIRE	<input checked="" type="checkbox"/>
013K312	2019/04/12 06:00	KIIRE	<input checked="" type="checkbox"/>	2019/04/13 23:25	2019/04/15 04:50	OITA	<input checked="" type="checkbox"/>
013K312	2019/04/15 04:50	OITA	<input checked="" type="checkbox"/>	2019/04/19 20:45	2019/04/24 14:50	KOZMINO	<input checked="" type="checkbox"/>
014B	2019/04/24 14:50	KOZMINO	<input checked="" type="checkbox"/>	2019/04/28 02:45	2019/05/01 00:00	SAKAI(JXTG)	<input checked="" type="checkbox"/>
014L	2019/05/01 00:00	SAKAI(JXTG)	<input checked="" type="checkbox"/>	2019/05/02 01:20		KIIRE	<input checked="" type="checkbox"/>

Annual data aggregation and report

You can also check all the records on “Report Raw Data” tab
*If you use “Voyage type report”, the data is not shown here.

ClassNK MRV Portal [TRIAL] Ver.1.6.5 - 2019/07/17 User's Guide Video Manual US000678 SQ Minatoya Shinji Logout

IMO DCS Annual Report

Back to list Submit Delete

Project DCS Reporting Format Voyage List **Raw Data** Documents/SOC

Ship [] Type VoyageReport Date 2019/01/01 - 2019/12/31 Search

Gray-out Time data has been deducted from aggregated hours underway because no distance sailed has been reported. Showing records per page : 50 1 - 29 / 29

V/No.	Place	Rep.Time(UTC)	Port	Lat./Long.	L/U	EU	Lader
012L	Departure	2019/02/27 05:35	KOZMINO	RU 4200N,13301E	<input checked="" type="checkbox"/>		Lader
012L	Arrival	2019/03/02 18:45	KIKUMA	JP 3403N,13252E	<input checked="" type="checkbox"/>		
012L	Departure	2019/03/05 08:45	KIKUMA	JP 3403N,13252E	<input checked="" type="checkbox"/>		Ballas
012B	Arrival	2019/03/11 05:00	KOZMINO	RU 4200N,13301E	<input checked="" type="checkbox"/>		
013L	Departure	2019/03/14 04:36	KOZMINO	RU 4200N,13301E	<input checked="" type="checkbox"/>		Lader
013L	Arrival	2019/03/17 23:40	SAKAI(JXTG)	JP 3433N,13526E	<input checked="" type="checkbox"/>		
013L	Departure	2019/03/19 03:00	SAKAI(JXTG)	JP 3433N,13526E	<input checked="" type="checkbox"/>		Ballas
013K309	Arrival	2019/03/20 10:15	KIIRE	JP 3123N,13034E	<input checked="" type="checkbox"/>		
013K309	Departure	2019/03/22 04:50	KIIRE	JP 3123N,13034E	<input checked="" type="checkbox"/>		Lader
013K309	Arrival	2019/03/23 06:05	IWAKUNI	JP 3412N,13215E	<input checked="" type="checkbox"/>		
013K309	Departure	2019/03/27 06:30	IWAKUNI	JP 3412N,13215E	<input checked="" type="checkbox"/>		Ballas
013K310	Arrival	2019/03/28 03:45	KIIRE	JP 3123N,13034E	<input checked="" type="checkbox"/>		
013K310	Departure	2019/03/29 08:50	KIIRE	JP 3123N,13034E	<input checked="" type="checkbox"/>		Lader
013K310	Arrival	2019/03/30 08:20	IWAKUNI	JP 3412N,13215E	<input checked="" type="checkbox"/>		
013K310	Arrival	2019/03/30 08:20	IWAKUNI	JP 3412N,13215E	<input checked="" type="checkbox"/>		
013K310	Departure	2019/04/03 04:10	IWAKUNI	JP 3412N,13215E	<input checked="" type="checkbox"/>		Ballas
013K311	Arrival	2019/04/04 00:15	KIIRE	JP 3123N,13034E	<input checked="" type="checkbox"/>		
013K311	Departure	2019/04/05 04:20	KIIRE	JP 3123N,13034E	<input checked="" type="checkbox"/>		Lader
013K311	Arrival	2019/04/07 00:05	NEGISHI	JP 3524N,13939E	<input checked="" type="checkbox"/>		
013K311	Departure	2019/04/09 01:40	NEGISHI	JP 3524N,13939E	<input checked="" type="checkbox"/>		Ballas
013K312	Arrival	2019/04/11 04:45	KIIRE	JP 3123N,13034E	<input checked="" type="checkbox"/>		

At “Document/SOC” tab, you can upload necessary evidence documents. Please click “Submit”.

The screenshot shows the 'ClassNK MRV Portal' interface. The main content area is titled 'IMO DCS Annual Report' and has three tabs: 'Project', 'DCS Reporting Format', and 'Voyage List'. The 'Documents/SOC' tab is selected. Below the tabs, there is a section titled 'Relevant files of IMO-DCS Emission Report' which is currently empty. At the bottom of the page, there is a file upload area with the text 'Drop Files to upload (or click)' and a 'Save' button. A red box highlights the 'Submit' button in the top right corner of the main content area. A text overlay on the left side of the screenshot reads: 'After the verification is completed, SoC will be shown here.'

Annual data aggregation and report

You will find the application window for DCS annual report verification. Please confirm and tick the items and billing address and submit.

The screenshot displays the 'ClassNK MRV Portal' interface. The main header includes the portal name, version information ('[TRIAL] Ver.1.6.5 - 2019/07/17'), and user guides. The left sidebar lists navigation options such as 'Monitoring', 'MP(Monitoring Plan)', 'EU Emission Report', 'IMO DCS Annual Report', and 'User Information'. The central content area is titled 'IMO DCS Annual Report' and features buttons for 'Back to list', 'Submit', and 'Delete'. A modal window titled 'Application for data verification of IMO DCS' is open, containing the following fields and options:

- To: NIPPON KAIJI KYOKAI
Ship Management Systems Department
Date: 19 Jul 2019
- I, the undersigned applicant, apply for verification of ship fuel oil consumption data (IMO DCS), attached hereto, of the ship "~~XXXXXXXXXX~~" in accordance with the following requirements, and for the issuance of a Statement of Compliance:
- Regulation 22A.3 of MARPOL Annex VI: annual data verification for a whole calendar year
 - Start date (dd/mm/yyyy): 01/01/2019
 - End date (dd/mm/yyyy): 31/12/2019
- Regulation 22A.4,5 or 6 of MARPOL Annex VI: data verification for a specific period due to a flag change and/or company change during a calendar year
 - Start date (dd/mm/yyyy):
 - End date (dd/mm/yyyy):
- The undersigned also confirms that the company will be pleased to submit further documents/data for the verification of the annual reported data, where necessary.
- The undersigned confirms the billing information for this verification service*:
BILLING CONTACT
- Comment: [Text area]

A 'Submit' button is located at the bottom right of the modal window.

Annual data aggregation and report

When a discrepancy is found through our verification process, the report will be sent back on the “On-going AR” tab.

Please confirm a verifier’s comment and revise/submit the report accordingly.

The screenshot displays the ClassNK MRV Portal interface. At the top, the user is identified as 'US000678 SQ Minatoya Shinji' with a 'Logout' option. The main navigation menu on the left includes 'Monitoring', 'MP(Monitoring Plan)', 'EU Emission Report', 'IMO DCS Annual Report', 'Ongoing AR *2 new items.', 'ALL / Newly input', and 'User Information'. The 'IMO DCS Annual Report' section is active, showing a table of reports. A blue arrow points from the 'Sendback' status in the table to the detailed report view below.

Year	Start Date	End Date	Flag	IMO No.	Ship	Status *	Last update
2019	2019/01/01	2019/12/31	JPN	3648776	KAIMON MARU	Sendback	2019/07/19 17:02
2019	2019/01/01	2019/12/31	SGP			Draft	2019/07/01 15:15

The detailed view of the 'IMO DCS Annual Report' shows the following information:

- Project:** DCS Reporting Format
- Workflow:** Status: Sendback, Last Update: 2019/07/19 17:02
- Reporting period (Year : 2019):** Start date: 2019/01/01, End date: 2019/12/31
- Ship Information:** Ship Name: KAIMON MARU, IMO No.: 3648776, Company Name: SHIP DATA CENTER CO., LTD., Flag: Japan
- Comment:** NK Please upload BDN on xx/yy/zzzz at Singapore 2019/07/19 17:02; NK Please upload BDN on XX/XX/XXXX at Singapo 2019/07/19 17:01 re

You can download SoC here.(After the verification is completed.)
(Some flags issue SoC by themselves.)

Monitoring ▾

MP(Monitoring Plan) ▾

EU Emission Report ▾

IMO DCS Annual Report ▾

Ongoing AR *1 new items.

ALL / Newly input

User Information ▾

IMO DCS Annual Report Back to list Submit Cancel

Project DCS Reporting Format Voyage List Raw Data **Documents/SOC**

Relevant files of IMO-DCS Emission Report

[VerificationLetter_SHIP DATA CENTER CO., LTD._KAIMON MARU_JPN_2019.pdf](#)

You can upload additional documents such as B/L, BDN or Logbook here if you have missed uploading in the "Voyage Data" tab or when requested from a verifier.

Save

End