

Quick start guide of ClassNK MRV Portal for compliance of IMO DCS Data aggregation and reporting

January, 2020
ClassNK

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Confirmation of reported data

First, please confirm if all voyage data in the reporting period are properly stored.
Please go to “Monitoring – Voyage Data” tab and select each ship and click “Search”.

If data including Departure and Arrival statuses are reported, the data will be organized into the form of voyages. If data without Dep./Arr. are reported, such as only Noons, you can confirm the data in Report Raw Data tab.

ClassNK MRV Portal Ver.1.6.9 - 2019/11/17 User's Guide Video Manual US000678 SQ Minatoya Shingi Logout

Monitoring
Alert History
Voyage Data*
Report Raw Data
API*
EU MRV Report Template*
IMO-DCS Report Template
EEOI
MP(Monitoring Plan)
EU Emission Report
IMO DCS Annual Report
User Information

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

Showing records per page : 50 1 - 7 / 7

		Departure			Arrival		
Error Mark	V/No.	Dep.Time(UTC)	Port	L/U EU	Arr.Time(UTC)	Dep.Time(UTC)	
<input type="button" value="Edit"/> <input type="button" value="Detail"/>	36A	2017/12/31 21:06	Taeon	<input type="checkbox"/>		2017/12/31 21:06	
<input type="button" value="Edit"/> <input type="button" value="Detail"/>	36A	2017/12/31 21:06	Taeon	<input type="checkbox"/>	2018/01/16 14:54	2018/01/17 09:30	
<input type="button" value="Edit"/> <input type="button" value="Detail"/> <input type="button" value="Error"/>	36A	2018/01/17 09:30	New Castle	<input type="checkbox"/>		2018/01/17 09:30	
<input type="button" value="Edit"/> <input type="button" value="Detail"/> <input type="button" value="Error"/>	36A	2018/01/17 09:30	New Castle	<input checked="" type="checkbox"/> <input type="radio"/>	2018/02/04 03:30	2018/02/06 22:06	
<input type="button" value="Edit"/> <input type="button" value="Detail"/>	37A	2018/02/06 22:06	Taeon	<input type="checkbox"/>	2018/03/09 02:12	2018/03/12 22:06	
<input type="button" value="Edit"/> <input type="button" value="Detail"/> <input type="button" value="Error"/>	38A	2018/03/12 22:06	Taeon	<input type="checkbox"/>		2019/02/21 23:36	
<input type="button" value="Edit"/> <input type="button" value="Detail"/> <input type="button" value="Error"/>	37A	2019/02/21 23:36	GLADSTONE	<input type="checkbox"/>			

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How to delete unnecessary data

If you find data are duplicated, please click “Delete duplicate data”.

The screenshot shows the ClassNK MRV Portal interface. At the top, there's a search bar with 'Ship' set to 'NK Bulker' and a 'Search' button. Below the search bar is a table with columns for 'Error Mark', 'V/No.', 'Departure' (with sub-columns for 'Dep.Time(UTC)' and 'Port'), and 'Arrival' (with sub-columns for 'L/U EU', 'Arr.Time(UTC)', and 'Dep.Time(UTC)'). The table contains several rows of data, with some rows having red error marks. At the bottom of the table area, there are buttons for 'Import Voyage Data', 'Pre check output', 'Delete duplicate data' (highlighted with a red box), and 'Add New'.

How to delete unnecessary data

All the duplicated data will be deleted.

*This function can only delete the duplicated data completely the same. (e.g. If Dates, Distance, Time are same, but FOC is different, then the data will not be deleted.) In such cases, please delete the data in Report Raw data tab.

The screenshot shows the ClassNK MRV Portal interface. At the top, there's a search bar with 'Ship' set to 'NK Bulker' and a 'Search' button. Below the search bar is a table with columns for 'Error Mark', 'V/No.', 'Departure' (with sub-columns for 'Dep.Time(UTC)' and 'Port'), and 'Arrival' (with sub-columns for 'L/U EU', 'Arr.Time(UTC)', and 'Dep.Time(UTC)'). The table contains several rows of data, with some rows having red error marks. A red box highlights a row of data: V/No. 36A, Departure 2018/01/17 09:30, Port New Castle, Arrival L/U EU checked, Arr.Time(UTC) 2018/02/04 03:30, and Dep.Time(UTC) 2018/01/17 09:30. At the bottom of the table area, there are buttons for 'Import Voyage Data', 'Pre check output', 'Delete duplicate data', and 'Add New'.

How to delete unnecessary data

If there are still more unnecessary data, please go to “Report Raw Data” tab.
Please check the data to be deleted, then click “Delete checked data”.

*If you use “Voyage type report” for the ships to which EU MRV apply, the data is not shown here.

del	Error Mark	Send.Time(UTC)	Place	Rep.Time(UTC)	Lat./Long.	V/No.	HSFO	MDO
<input type="checkbox"/>	!	2019/02/14 07:45	Noon	2018/01/12 01:00	2118.6S,15356.5E	36A		43.62
<input type="checkbox"/>	!	2019/02/14 07:45	Noon	2018/01/13 01:00	2740.6S,15346E	36A		45.51
<input type="checkbox"/>	!	2019/02/14 07:45	EOSP	2018/01/13 21:30	3254.4S,15201.1E	36A		38.87
<input type="checkbox"/>	!	2019/02/14 07:45	Drifting start	2018/01/13 22:42	3312.7S,15224.4E	36A		1.77
<input type="checkbox"/>	!	2019/02/14 07:45	Drifting end	2018/01/16 11:06	3308S,15207E	36A		9.22
<input type="checkbox"/>	!	2019/02/14 07:45	Arrival	2018/01/16 14:54	3253.3S,15146.1E	36A		5.87
<input checked="" type="checkbox"/>		2019/02/14 07:45	Departure	2018/01/17 09:30	3253.3S,15146.1E	36A		3.17
<input type="checkbox"/>		2019/02/14 07:45	Departure	2018/01/17 09:30	3253.3S,15146.1E	36A		3.17
<input type="checkbox"/>		2019/02/14 07:45	SOSP	2018/01/17 11:42	3257.7S,15151.4E	36A		3.27
<input type="checkbox"/>		2019/10/30 11:54	Arrival	2018/01/18 00:00		36A		0.0
<input type="checkbox"/>		2019/02/14 07:45	Noon	2018/01/18 01:00	3055.4S,15314.3E	36A		25.2
<input type="checkbox"/>		2019/02/14 07:45	Noon	2018/01/19 01:00	2622.3S,15345.2E	36A		45.51
<input type="checkbox"/>		2019/02/14 07:45	Noon	2018/01/20 02:00	2115.9S,15355.2E	36A		47.32
<input type="checkbox"/>		2019/02/14 07:45	Noon	2018/01/21 02:00	1604.8S,15258.2E	36A		45.48

Annual data aggregation and report

Please confirm whether all the data in the reporting period are OK.
If there is lack of voyage data, please send voyage data through email or “Import voyage data” button.

Error Mark	V/No.	Departure	Arrival
		Dep.Time(UTC) Port	L/U EU Arr.Time(UTC) Dep.Time(UTC)
<input type="checkbox"/>	0008A	2019/01/21 12:10	<input checked="" type="checkbox"/> 2019/01/22 07:45 2019/01/22 10:00
<input type="checkbox"/>	0008A	2019/01/22 10:50	<input checked="" type="checkbox"/> 2019/01/23 22:35 2019/01/25 00:00
<input type="checkbox"/>	0008A	2019/01/25 02:40	<input checked="" type="checkbox"/> 2019/01/28 06:35 2019/01/28 21:00
<input type="checkbox"/>	0008A	2019/01/28 21:50	<input type="checkbox"/> 2019/01/31 09:00 2019/01/31 13:00
<input type="checkbox"/>	0008A	2019/01/31 13:20	<input checked="" type="checkbox"/> 2019/02/01 02:55 2019/02/01 06:00
<input type="checkbox"/>	0008A	2019/02/01 09:05	<input type="checkbox"/> 2019/02/13 06:45 2019/02/13 19:00
<input type="checkbox"/>	0008A	2019/02/13 19:05	<input checked="" type="checkbox"/> 2019/02/17 19:40 2019/02/18 12:00
<input type="checkbox"/>	0008A	2019/02/18 12:00	<input checked="" type="checkbox"/> 2019/02/20 06:05 2019/02/20 22:35
<input type="checkbox"/>	0008A	2019/02/20 22:35	<input checked="" type="checkbox"/> 2019/02/22 17:35 2019/02/23 12:00
<input type="checkbox"/>	0008A	2019/02/23 12:25	<input checked="" type="checkbox"/> 2019/03/08 21:55 2019/03/09 08:00
<input type="checkbox"/>	0008A	2019/03/09 08:25	<input type="checkbox"/> 2019/03/09 21:55 2019/03/11 06:00
<input type="checkbox"/>	0008A	2019/03/11 08:45	<input type="checkbox"/> 2019/03/29 17:45 2019/03/30 14:00
<input type="checkbox"/>	0008A	2019/03/30 14:15	<input type="checkbox"/> 2019/04/04 02:00 2019/04/04 17:00

Annual 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.

The screenshot shows the ClassNK MRV Portal interface. The left sidebar menu has 'ALL / Newly input' highlighted with a red box. The main content area displays a search form and a table of annual reports.

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 main content area, there is a button labeled 'IMO DCS Annual Report input'.

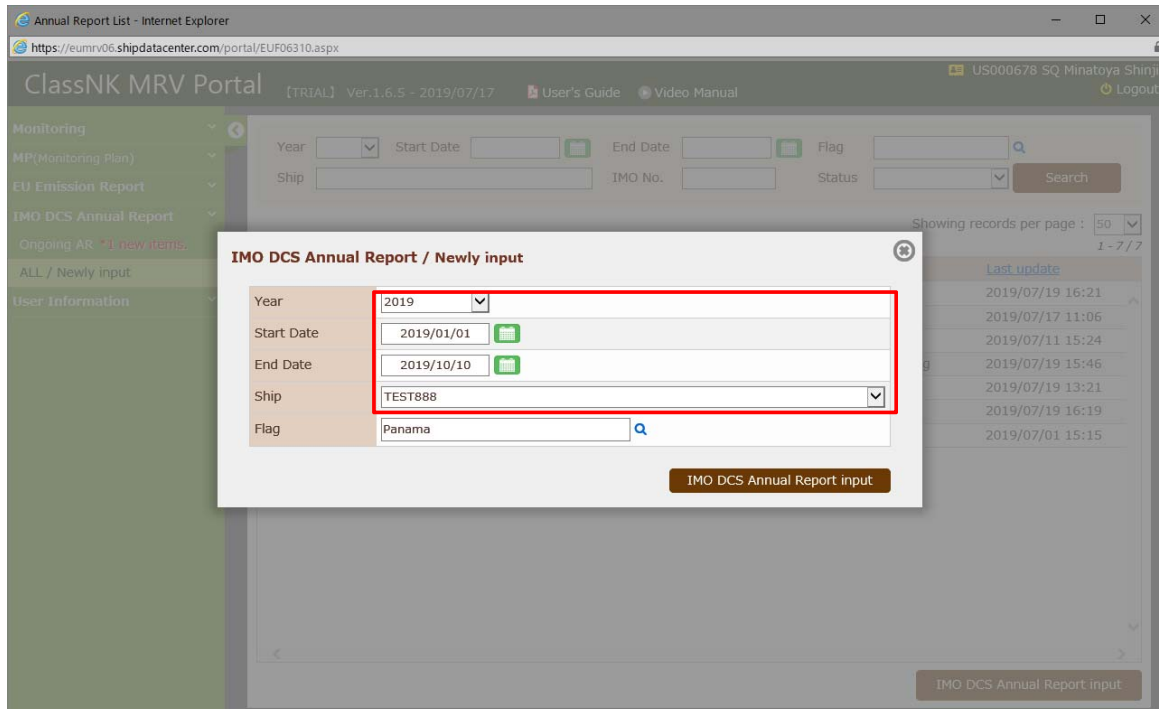
Annual Report

Please click “IMO DCS Annual Report input” to newly prepare an Annual Report.

The screenshot shows the ClassNK MRV Portal interface. The left sidebar menu has 'ALL / Newly input' selected. The main content area displays a search form and a table of annual reports. At the bottom right of the main content area, the button 'IMO DCS Annual Report input' is highlighted with a red box.

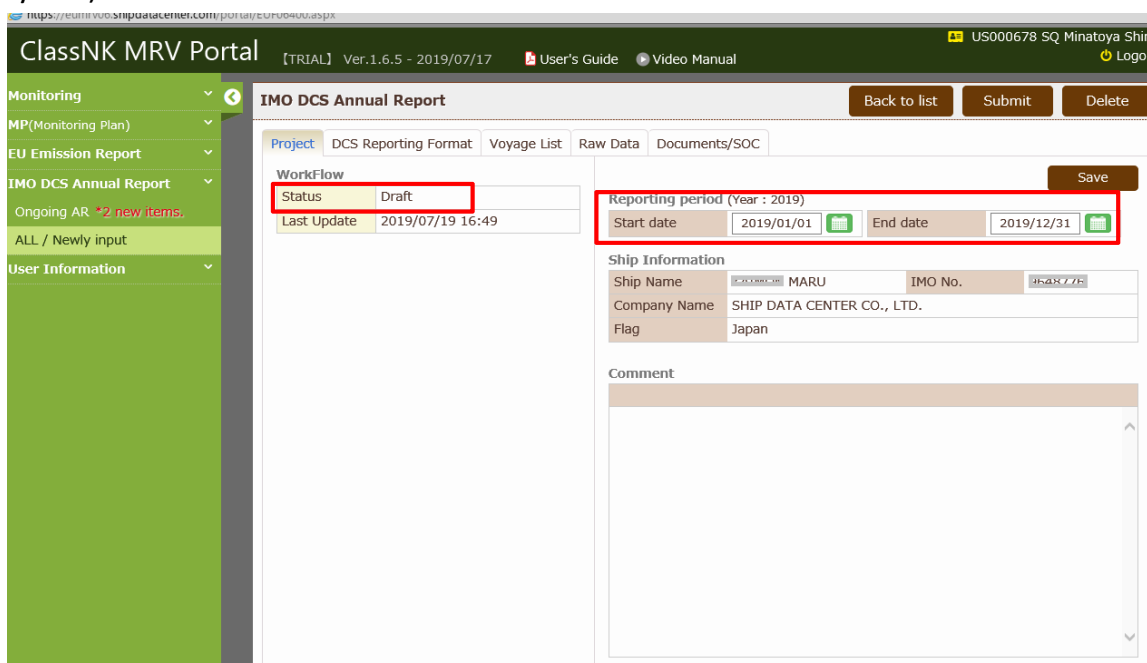
Year	Start Date	End Date	Flag	IMO No.	Ship	Status *	Last update
2019	2019/01/01	2019/08/01	MHL			Settled	2019/07/19 16:21
2018	2018/01/01	2018/12/31	JPN			Verified	2019/07/17 11:06
2018	2018/01/01	2018/12/31	JPN			Verified	2019/07/11 15:24
2019	2019/06/07	2019/12/31	VUT			Report to Flag	2019/07/19 15:46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

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



Annual Report (Project tab)

A new draft report will be prepared.
You can change the reporting period on this tab. (For when Flag/Company is changed during a year.)



Annual Report (DCS Reporting Format tab)

Please check the ship's particulars and necessary information for reporting at "DCS Reporting Format" tab. You can edit ship particulars from "Ship detail" button. Total values of the annual data are shown in the lower half of the page.

Annual Report (Voyage List tab)

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

*If you report data without Departure and Arrival statuses, the data will not be shown in this tab. (Page 2)

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

Annual Report (Raw Data tab)

You can also check all the reported records on “Report Raw Data” tab.

*If you use “Voyage type report” for the ships to which EU MRV apply, the data is not shown here.

V/No.	Place	Rep.Time(UTC)	Port	Lat./Long.	L/U	EU	Lade
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"/>		Ballast
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"/>		Ballast
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"/>		Ballast
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"/>		Ballast
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"/>		Ballast
013K312	Arrival	2019/04/11 04:45	KIIRE	JP 3123N,13034E	<input checked="" type="checkbox"/>		

Annual Report (Documents/SOC tab)

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

After the verification is satisfactorily completed, SoC will be shown here.

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

Drop Files to upload (or click) Save

Annual Report (Application form)

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

ClassNK MRV Portal [TRIAL] Ver.1.6.5 - 2019/07/12 User's Guide Video Manual US000678 SQ Minatoya

IM0 DCS Annual Report [Back to list] [Submit] [Delete]

Application for data verification of IMO DCS

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 "XXXXXXXXXXXX" 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

Submit

How to change a billing information

If you wish to change the billing address, uncheck the "Use Default" mark, then, please select the radio box and input necessary information.

Application for data verification of IMO DCS

BILLING CONTACT

Use default

Same as applicant

C/O

Others

Organization Name: C/O SHIP DATA CENTER CO., LTD.

Dept. / Section: TID

Address: 1028567 4-7, KIOI-CHO, CHIYODA-KU, TOKYO, Japan

Contact: Tel: 043-294-5467
Fax: 043-294-6760
E-mail: tom-harada@classnk.or.jp

Purchase order No.
 Not Applicable
 Applicable Purchase order No.:

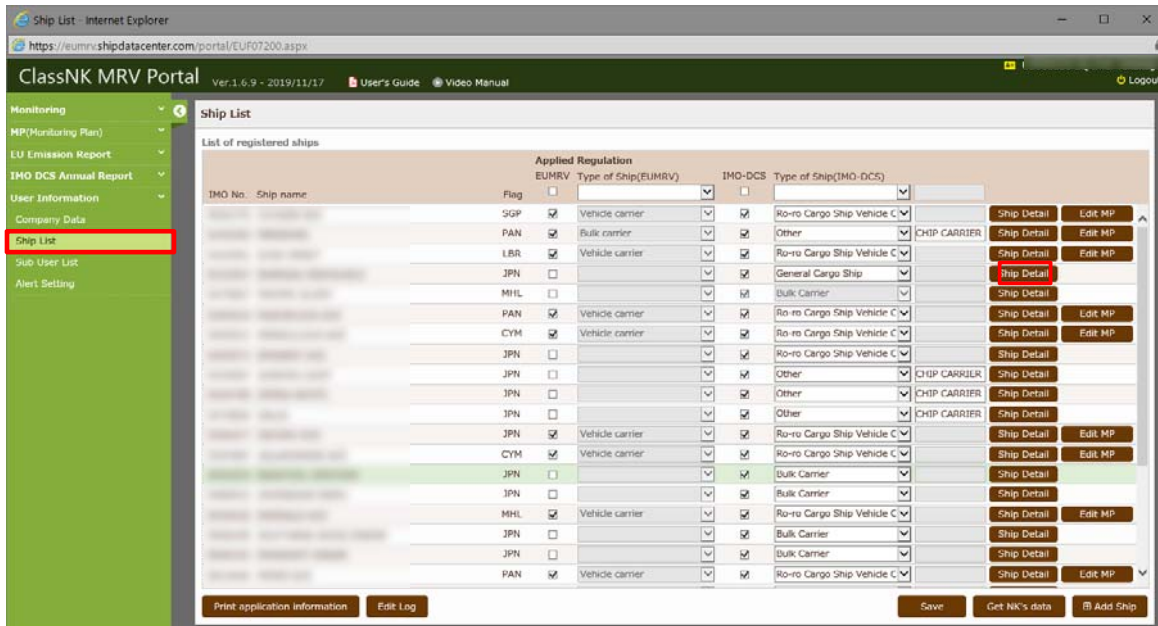
Sincerely,
Ship Manager: SHIP DATA CENTER CO., LTD.

Comment

Submit

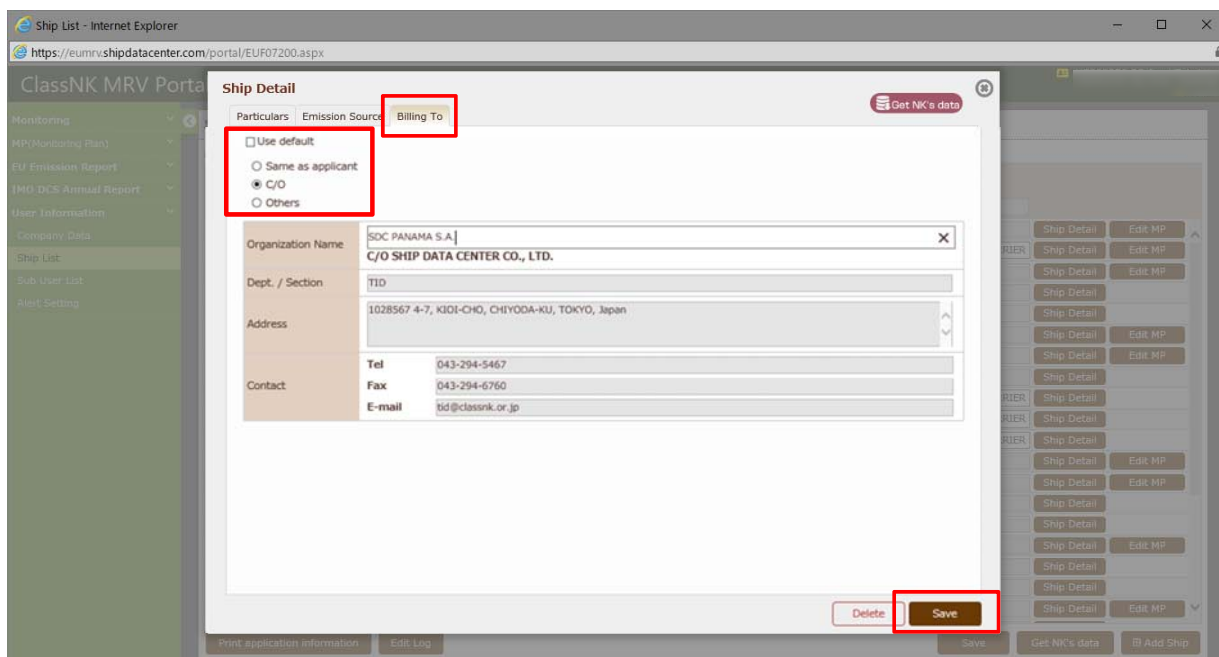
How to change a billing information

You can also set the billing information for each vessel in “User Information – ship list” tab. Please click “Ship detail”.



How to change a billing information

Please uncheck the “Use Default” mark, then, please select the radio box and input necessary information. After finishing this step, please submit DCS report. Please make sure whether the billing information is correct.



Annual Report (verifier's comments)

When a discrepancy is found through our verification process, the report will be sent back as its status is "Send back".

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

The screenshot shows the ClassNK MRV Portal interface. At the top, it displays the user's name 'US000678 SQ Minatoya Shinji' and a 'Logout' button. The left sidebar contains navigation options: Monitoring, MP(Monitoring Plan), EU Emission Report, IMO DCS Annual Report, Ongoing AR (*2 new items), ALL / Newly input, and User Information. The main content area shows a table of reports with columns: Year, Start Date, End Date, Flag, IMO No., Ship, Status, and Last update. Two records are visible: one for JPN with status 'Sendback' and another for SGP with status 'Draft'. A blue arrow points from the 'Sendback' status in the table to the detailed view of that report. The detailed view shows the 'IMO DCS Annual Report' form with tabs for Project, DCS Reporting Format, Voyage List, Raw Data, and Documents/SOC. The 'Status' is 'Sendback' and the 'Last Update' is '2019/07/19 17:02'. The 'Reporting period (Year : 2019)' is set from '2019/01/01' to '2019/12/31'. The 'Ship Information' section includes Ship Name, IMO No. (RPH0229), Company Name (SHIP DATA CENTER CO., LTD.), and Flag (Japan). A red box highlights the 'Comment' section, which contains two entries: 'NK Please upload BDN on xx/yy/zzzz at Singapore 2019/07/19 17:02' and 'NK Please upload BDN on XX/XX/XXXX at Singapo 2019/07/19 17:01 re'.

Annual Report (download of SOC)

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

The screenshot shows the ClassNK MRV Portal interface for the 'IMO DCS Annual Report'. The 'Documents/SOC' tab is selected, showing a list of 'Relevant files of IMO-DCS Emission Report'. Two files are listed: 'VerificationLetter_k_..._Ltd_..._JPN_2019.pdf' and 'SOC_..._Co.,Ltd_..._JPN_2019.pdf'. The second file is highlighted with a red box. Below the list, there is a text area with the instruction: '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.' and a 'Save' button.

Fin