

Ini	ClassNK								
<ul> <li>Registration</li> </ul>	on of ships da	ita ar	nd a	applied re	egu	ulati	on		
ClassNK MRV Por	rtal <sub>ver.1.7.2 - 2019/12/18</sub>	🔓 User's Gu	ide 💿 ۱	Video Manual					🖴 US000678 SQ Minatoya Shir 🕐 Logo
Monitoring ~	Ship List				_				
MP(Monitoring Plan)	List of registered ships		*****				***************************************		
EU Emission Report Y			Applied	d Regulation					
IMO DCS Annual Report 💦 💙			EUMRV	Type of Ship(EUMRV)		IMO-DCS	Type of Ship(IMO-DCS	5)	
User Information *	IMO No. Ship name	Flag			~			~	
Company Data	0000001 NK Bulker	JPN		Bulk carrier	~	Ø	Bulk Carrier	~	Ship Detail Edit MP
Ship List	0000002 NK Tanker	PAN	Z	Oil tanker				×	Ship Detail Edit MP
Sub User List	0000003 NK MARU	PAN	8	General cargo ship	×	N	General Cargo Ship	<u> </u>	Ship Detail Edit MP
Alert Setting	111111 NK Flower	JPN		1.00 analas	~	M	Bulk Carner	×	Ship Detail
	Print application informat	ion Ec	lit Log				classed Societi	add sn d by oth es.	Get NK's data (B) Add Ship
			You this	can get yo button for	our <sup>-</sup> Nł	NK-S <-clas	HIPS data ssed ships	by /	
									3

Ship Detail	- T-			(8)
IMO No.	0000001			
Ship name	NK Bulker			_
Applied Regulation	ZEUMRV ZIMO-DCS			
FLAG / PORT	Japan	Q Hiroshima	Q	
Call sign	CALL	Official number	OFFI	
Name of Ship owner	NK Shipping S.A			
Address of Ship owner				
IMO No.(%)	0000000	*Registered owner id	entification	
Management Company	NK Shipmanagement			
Type of ship(EUMRV)	Bulk carrier			
Type of ship(IMO-DCS)	Bulk Carrier			
Deadweight	80000			
Gross tonnage	40000.00	Net tonnage	10000.00	Lon the chin's
Technical Efficiency	10.20	• EEDI O EIV		i on the ship s
Class	Nippon Kalji Kyokai	Q	IEE cert, if	f applicable.
Ice-class	~			
				~



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### 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)











					(	On-	bo	arc	d r	тер	or	ti	n	5								(	la	SS	N	K
Sa	Sample input Please input FOC, Distance, Time since the last report.																									
A E F DCS	G IMO No.	H 0000002	I Name of	J	K NK Bul	L M	N	0	∣ P Validatio	n Cle		s dd Ro <del>w</del>		/	, D	AD	AE	AM	AN	A0	AW	**	AY	AZ	ва	
					Reporti	ing basic data		-			IMO DCS N	lonitoring	g Data	1		IMO	DCS Supp	lemental d	lata			Volu	ntary data f	eld		Evidence
	Voyage Info Voyage Info UTC/GMT) Position at the report		Port inform	nation	Distance and time from last report		FOC from last report [MT]			ROB [MT]		Bunkered [MT]		1	Voya	ge state (Volu	unary)	Loading Condition	Cargo Carried	File (BDN)						
# Del Sen	Voyage No.	Date	Time	Latitude	•	Longitude	Status (event)	Port name (at dep/arr)	UNLOCC	Distance travelled [nm]	Hours underway [hour]	HSFO	MDO	MGD	HSFO	MDO	MGO	HSFO	MDO	MGD	propeller revolution [RPM]	Ave. ME Output [kW]	Sea state [BF]	Laden or Ballast	Mass [MT]	(Please attact
Format	x	yyyymmdd	0000 to 2359	0000.0000 to 9000.0000	N or S	00000.0000 to 18000.0000	w x	XXXXXXXXXXXXX	ABCDI	0.0000	0000.00	0000.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0000.0	0000.0	000.000	00000	0 to 12	L or B	0.00000	000000000000000000000000000000000000000
Sample 1	1	20180106	0000	1843.8482	S	04835.0450 E	Arrival	Jakarta	IDJKT	6627.0	568.25	432.1	42.3	0.00	432.1	42.3		432.1	42.3	0.00	80	4000	4	L		abcdefghijkl.p
2 1 1	36A	20180131	2224	3651.4000	N	12606.7000 E	SOSP		0000	7.0	1.30	1.99	9 0.00	0.00	1400.00			1401.11	0.00	0.00				-		
4 T T	36A 36A	20180201	0300	3007.5000	N	12545.2000 E 12731.6000 E	Noon			355.0	24.00	45.60	0.00	0.00							95.000	10082	4			
	36A 36A	20180203	0300	2445.9000	N	13029.9000 E 13329.8000 E	Noon			359.0	24.00	45.61	0.00	0.00							95.110 95.100	10084	5			
	36A	20180205	0300	1437.6000	N	13623.2000 E	Noon			346.0	24.00	45.60	0.00	0.00							95.100	10082	5			
9 1 1	36A	20180206	0300	0428.8000	N	14200.6000 E	Noon			346.0	24.00	45.50	1 0.00	0.00							95.090	10082	4			
10 F F	36A 36A	20180208	0200	0023.7000	S	14441.4000 E 14738.4000 E	Noon			334.0	23.00	43.62	2 0.00	0.00							95.090 95.100	10082	4			
12 Г Г	36A	20180210	0200	0957.4000	s	15141.3000 E	Noon			361.0	24.00	45.51	1 0.00	0.00							95.090	10081	4			
13 F F 14 F F	36A 36A	20180211 20180212	0200	1546.2000 2118.6000	S	15254.1000 E 15356.5000 E	Noon			360.0	24.00	45.52	2 0.00 2 0.00	0.00							95.080 95.100	10083	4			
15 F F	36A 364	20180213	2130	2740.6000	S	15346.0000 E 15201.1000 E	Noon			383.0	24.00	45.51	1 0.00	0.00							95.090	10081	4			
17 Г Г	36A	20180213	2242	3312.7000	s	15224.4000 E	Drifting sta	rt		22.0	1.20	1.77	7 0.00	0.00												
18 I I 19 F F	36A 36A	20180216	1106	3253.3000	S	15207.0000 E 15146.1000 E	Arrival	New Castle	AUNT	26.0	3.80	9.22	7 0.00	0.00				852.55	0.00	0.00						
20 F F 21 F F	36A 36A	20180217 20180217	0930	3253.3000	S	15146.1000 E 15151.4000 E	Departure	New Castle	AUNT	0.0	18.60	3.17	7 0.00 7 0.00	0.00				849.38	0.00	0.00				L	113102	
22 Г Г	36A	20180218	0100	3055.4000	S	15314.3000 E	Noon			152.0	13.30	25.20	0.00	0.00							91.540	10073	5			
-De -Yo (Fre	-Dep./Noon/Noon/Arr., ets. inputs are shown hereYou can also input only Dep. and Arr. without other events. (Frequency of monitoring depends on company's choice.)																									
																									1	1







- 2. The mail to be sent to pf79669814@mx.shipdatacenter.com
- 3. Title and body can be blank.
- 4. Maximum file size is about 7MB.

## Data linkage with existing Ablog systems ClassNK

- 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 usual inputing Ablog only.



### Merits of linkage with Ablog systems :

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



## Data management on shore

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

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### Data management on shore

BDN uploading	procedure							
ClassNK MRV Portal ver.1.3	3.0 - 2018/8/19 🚺 User's Guide 🕟 Video Manua	ı			A US000	1884 SQ Test Us Usga		
Monitoring C Ship [ Status Voyage Data *	NK Bulker	: Submitted voyage			S	earch		
MRV Voyage Data *				5	Showing records per pa	age : 50 💌		
Pending Data * API * Report Template *	Detail V/No. Departure Dep.Time(UTC)	Port EU /	Arrival Arr.Time(UTC)	Dep.Time(UTC)	Port	EU D		
MP(Monitoring Plan)	2018/01/31 21:06	Taean	2018/02/16 14:54	2018/02/17 09:30	New Castle			
User Information	Detail 0 50 2018/02/17 09:30	New Castle	2018/03/06 03:30	2018/03/08 22:06	Taean			
Edit	Detail () 37A 2018/03/08 22:06	Taean	2018/03/22 09:42	2018/03/23 23:36	GLADSTONE			
	Detail 3/A 2018/05/23 23:36	Taean	2018/04/10 02:12	2018/04/13 22:06	faean			
in	Monitoring Status Viviere Dela * HEV Voyage Data * APT	Voyage Data / Monitor Port Ca IMO No. 0000001 Pace Departure (IRTAN) S05P Noon	Time         Time(UTC)           2018/01/31 21:06         2018/01/31 22:04           2018/01/31 22:04         2018/01/31 22:04	Put Put Fue Put Foc (MD) NA NA NA 1.99 0.0 4.03 0.00	CC Prov 36A (Tabor MGD Ave. R5M N.A. 0.0 0.0 95.00	Ave.BHP Sea Star	V/Next >> V/No. BOB (MT) 1461.11 4 5	Cleck to link District to link District to link Add Herr MGD 0.0 0
Time(UTC)	2018/02/17		1:00	45.61 0.0 45.6 0.0	0.0 95.11	0 10084	5 *	
Event Status	s Departure Input da	ate/event	1:00	45.6 0.0	0.0 95.10	0 10082	5 -	-
	• NOS	@EOW	1:00	45.6 0.0 45.51 0.0	0.0 95.10	0 10082	4 -	-
Report Lat./	*Format : ddmm.mmmm	Format : dddmm.mmmm	1:00	43.62 0.0	0.0 95.05	0 10082	4 -	-
Voyage No.	36A		2	45.51 0.0	0.0 95.05	0 10081	4 4	Vdd now
Departure p	ort	EU Port L/U				N.A	: Not applicable (Not reg	ured for reporting)
	TN] at departure port							Add New
Evidence of	ROB		SFO	м	00	MGO		
	Jus	t drop file(s)		90	MDO	MGO		Add New
	~	(or click) Delete	Save					18



## Data management on shore

# > 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 DUser's Guide @ Video Manual lert Setting Reported ROB is inconsistent with re ROB calculated by FOC has minus value 2 Reported FOC at sea is unusual value comparing to accumulated FOC which is already reported Detail Divergence criteria (% Reported FOC in port is unusual value comparing to accumulated FOC which is already r Detail Ship speed estimated from Noon positions is over 20.0 knot. Knot Detail istent with Dep/Arr timing spitc of laden loading con orted time spent at sea is inc e of cargo carried is zero in spite of lad The value of cargo carried is not zero in spite of ballast loading condition TEU/Ful TEU/Err The value of cargo carried is larger than max Detail Lane metre Data lack Unlikely Value

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## Data management on shore

### > Transmitted data check by alert system

The alerts are listed on "Monitoring - Alert History" tab.

	 Ship		D No.	
Alert History				
Voyage Data *				Search
				Showing records per page : 50
Pending Data *				1 - 11 /
\PI *	Ship	Report		Subject
	NK Bulker	Voyage	36A	Ship speed estimated from Noon positions is over 20.0 knot.
eport Template *	NK Bulker	Voyage	36A	Reported time spent at sea is inconsistent with Dep/Arr timing
(Monitoring Plan)	NK Bulker	Voyage	36A	Reported ROB is inconsistent with reported FOC
er Information	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

## Data management on shore

### > Transmitted data check by alert system

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

ClassNK MRV Po	rtal ver.1.3.0	2018/8/19	🏂 User's G	uide (	🕞 Video Manu	al			<u>+=</u> (	JS000884
Monitoring Y	Voyage Dat	a / Monitoring	I	-	<< Prev 37A	[Taean-gun / G	iladstone]	▼ Ne	xt >>	Bac
Alert History Voyage Data *	Port	Cargo	Dist	ance an	d time	Fuel				Q
MRV Voyage Data * Pending Data * API *	Reported Ro Unlikely Val -Time spe	DB is inconsiste ue ent at sea	nt with repo	ted FO	2					
Report Template *	IMO No.	0000001	Ship Name	NK Bu	lker				V/No.	37A
MP(Monitoring Plan) Y										Add I
User Information Y					FOC (MT)					
	Place	T	Fime(UTC)		HSFO	MDO	MGO	Ave. RPM	Ave.BHP	Sea Stat
	Departure [	KRTAN]	2018/03/08	22:06	N.A	. N.A	. N.A.			
	SOSP		2018/03/08	23:30	2.33	.00	0.0	43.750	672	.0
	Noon		2018/03/09	03:00	6.27	0.0	0.0	89.900	873	2
	Noon		2018/03/10	03:00	41.42	2 0.0	0.0	90.070	913	4
	Noon		2018/03/11	03:00	42.4	0.0	0.0	90.690	937	7
	Noon		2018/03/12	03:00	43.32	2 0.0	0.0	91.200	938	2
	Noon		2018/03/13	03:00	44.04	0.0	0.0	91.560	957	2
	Noon		2018/03/14	03:00	44.98	3 0.0	0.0	92.260	990	7
	Noon		2018/02/15	03.00	45 05		0.0	03 060	006	<u>R</u>

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