

EEXI Calculation program (User manual)

February 2022



1. Function composition

The KR-GEARs EEXI program consists of a Main page, Calculation page and log page. The main functions are shown in the table below.

1.1 Main page

☆ 🖩 🖻 😔	LOGOUT
Function	Details
	• Ships registered on the EEXI calculation page are shown as a
	list
Main nago	• You can check the status of drawing approval of the
Main page	submitted EEXI Technical File / Onboard management Manual
	• Displays the type of vessel and the drawing approval status
	of the registered ships on EEXI calculation page in a graph.

1.2 Calculation page



Function	Details			
	• Create basic information of the ship and link necessary data			
Ship Darticular	when calculate EEXI			
	• In case of KR registered vessel, data field registered in KR e-			
	fleet is automatically linked.			
	• Calculate ship speed at 75% or 83% (EPL) of MCR according			
	to the ship's speed-power table, and configure it to be			
Ship Speed	graphed.			
	• If there is no speed-power table, the speed calculation is			
	derived according to the alternative method of EEXI			

	calculation guidelines. Also you can manually enter the ship			
	speed directly.			
	Calculated attained and required EEXI value			
Colculation	 Check the result value used for calculation 			
Calculation	• Input the necessary data for application of dual fuel or			
	correction factors			
	• Application letter for drawing approval of EEXI Technical file			
Application	and Onboard management can be fill out only for KR			
Application	registered vessels.			
	Creation of EEXI technical file and Onboard management plan			

1.3 Log page



2. Login (https://gears.krs.co.kr)

1) If you have a KR E-fleet (for Ship Owner) & KR EDAS (for Ship Builder or Designer) registration account, you can log in through the corresponding ID/PW.

If you have any inquiry regarding the use of this program, please contact decarbonization@krs.co.kr.

		SUBVEV	AUDIT	EDAS		DSC KD		EADe 9
12	APPLICATION	SURVET	AUDIT	EDAS	PREPARATION GOIDE -6	PSC KR	ROLES KRO	EARS TO
110 Vesse Survey Flee	els <mark>6,755,779</mark> T.GTT at	6	Processing 21 Ves Survey Application	sels	O Major NC 14 Audit Fleet	Minor NC	Audit(Content of Audit Applied Content of	ompany) 1 Audit(Ship cation
Survey Flee	et Status				CAudit Fleet Status	s(ISM)		
			Not Du	<u>*</u>) e 73				Not Due 104
			Due	37				Due 7

KR e-Fleet Main



KR EDAS Main

2) If you don't have a KR E-fleet & KR EDAS registration account, you can create an ID/PW by sending the request E-mail to decarbonization@krs.co.kr.



And then you can use KR GEARs after login.

3) After log in KR GEARs, select the EEXI function and click the NEXT button

Please select the function want to use.



3. Main page

3.1 Main page

1) On the main page, a list of ships registered in the calculation page and drawing approval status for each ship is displayed.

In addition, the current status of ship type and drawing approval is displayed as a graph.



<Main page>

2) Ships registered on the EEXI calculation page appear on the SHIP LIST, and the drawing approval status can be filtered through the Filter button.

HIP LIS	т						Filter
Search					=	Filter Search	EEXI Status
0.	Ship Name	IMO No.	Complete	Update	EEXI Status	OMM Status	Processing
	SR COMBINATION 2	2030000	SP SS C AP	2021-12-27	PROCESSING	PROCESSING	Completion
	Application test	5980000	SP SS C AP	2021-12-27	PROCESSING	PROCESSING	OMM Status
	AppTest	1523634	SP SS C AP	2021-12-22	PROCESSING		Standby



3) You can check the status of ship types registered on the EEXI calculation page and drawing approval in a graph.

<Ship type chart>



<Drawing approval status>

4. Create a new ship / Ship Particulars

4.1 Create a new ship

1) In case of KR registered ships, you can add a create ship registered to the KR e-fleet through the e-fleet button.

In the case of ship creation through the e-fleet button, main input data such as ship name, IMO No, principal particulars are automatically entered into the input field.

1	GEARs	iparting lijs"						
Q	Search Ship	Name	e-flee	t IVEV	DELETE	CAF	RGO LIST TEST	V EPL
No	Ship Name	A .	Complete ()	Update 🝦	Ship	Particular Ship	o Speed
1	class for te	ste	SP SS C	AP	2022-01-25	*	e-fleet	
2	bcchoi-fj-re	friger	SP SS C	AP	2022-02-14		Make Drawings & Subr	it for approval
-	GEARs						make prawings a cash	
Q S	earch Ship Name	e-feet NEV	GELETE	Applicat	tion test		MO NO. 553453	5 Shiphype Bulk carrier
No	Ship Name \$	Complete	Update \$	Ship Par	e-fleet list			
3)	Application test	10 H 2 M	2021-12-28		Available		Selected	SHE
2	class for test (32 33 (4) 20	2021-12-28		Search for	Q tF	Search for Q IF	
3	PAPERCERT1	an an is in	2021-12-29	BA	Select All		No Data	
-4Î	CERT TEST CRR	DE SS C AP	2021-12-17	SI	ECERTIAFS2		5	
:5)	PROS3333	10 55 C 40	2021-12-17	Co	CG1 TEST 2	inet 2		
0.00	000 0000000		0004 40 47		HWTEST2	esi		
6	OPPLINE (EST3 (29 33 IS AL	2323+12-17	Del	CARGO LIST TEST			
7	ECERTTEST	10 31 C 40	2021-12-15		CRRTEST3			
5	ECERTIAFS	M XX 5 86	2021-12-15		0/6 selected ships		0/0 selected ships	
9	ECERTTEST7	10 33 C 20	2021-12-15	GE			Apply Close	
10	ECERT	10 11 C M	2021-12-20	Sh				
्रम	PROS0030	IP SS C AP	2021-12-15	B			1 1	
12	ECERTSCTEST	100 35 X W	2021-12-15	Hull	No		IMO No	

2) In case of ships not registered in KR, you can add a create ship through the NEW button.

Ţ	GEARs	porting Sys*					
Q	Search Ship I	Name	e-fice	t NEW DE	LETE	CARGO LIST T	EST VEPL
No	Ship Name	Å.	Complete (j	Updat	ie 🛔	Ship Particular	Ship Speed
1	class for tes	st 🖻	SP SS C	AP 2022-0	01-25	≭ e-fieet	
2	bcchoi-fj-ref	riger	SP SS C	AP 2022-	02-14	Make Drawing	s & Submit for approval
*	GEARs						
Q, S	earch Ship Name	e-fickt INEV	DELETE	Application test			IMO No. 5634535 Shiphype: Bulk carrier
No	Ship Name \$	Complete	Update \$	Ship Particular	Create Ship		
4	Application test	190-115 (C. 180)	2021-12-28		Please enter the	vestel information.	SAVE:
2	class for test	N 31 30 90	2021-12-28	DARIC INFO	Ship Name		
3	PAPERCERTI	***	2021-12-29	Ship Name			
4	CERT TEST CRR	9 55 C 40	2021-12-17	Application test	IMO No.		
ð.	PR053333 (SP 33, C 49	2021-12-17	Contract Date	Ship Type		
6	OFFUNETESTS	-	2021-12-17		Select	Ŧ	
ž	ECERTTEST	9 35 C AP	2021-12-15	Delivery Date		CANCEL CONTINUE	
â	ECERTIAPS	W SS C AP	2021-12-15				
ş	ECERTTEST7	PR 31 C 40	2021-12-15	GENERAL INFOR	IMATION		
10	ECERT	9 XX 8 M	2021-12-20	Ship Owner		Shipbuilder	
31	PR050030		2021-12-15				
12	ECERTSCIEST	W XX X M	2021-12-15	Hull No.		IMO No.	

4.2 Ship Particular

1) Please activate the toggle button to YES for creation of EEXI Technical File and Onboard Management Manual and approval submission.

🔀 e-fleet			s
Make Drawing	s & Submit for approva	al	
Make Drawing	s & Submit for approvation of the second sec	al oval Function 🗊	YES
Make Drawing	s & Submit for approv.	al	* mark is required data for application of EEXI Technical file/

2) Enter the input data by referring to the color of the field description on the right.

o Particular	Ship Speed	Calculation	Make Drawings & Submit for approval	ſ	Ship Particular
e-fleet				SAVE	The Configuration of the field is as follows.
BASIC INFO.					Required field Output value field
Ship Name *			Call Sign		If you modify the value of the linked field, it can be changed together.
CRRTEST3					
Contract Date			Keel laid Date		
		Ċ.	Ó		
Delivery Date					
				-	
GENERAL INFORM					
Ship Owner * 💽			Shipbuilder * e		
KOREAN REGISTER	R OF SHIPPING		BUILDER		
Hull No. * 🔳			IMO No. * 🔳		
00005			1000000		

3) The configuration of field colors is as below table.

No	Color	Description			
1	Green	- Required data			
		- Automatically linked field			
2	Blue	- Required data			
		- Required filed for EEXI calculation			
3	Red	- The result value calculated when click the calculate button.			
4	(*) mark	- Required data			
		- Required field for make drawings(EEXI technical file/OMM)			

Particular Ship Speed Calculati GENERAL INFORMATION Shipbuilder 2021-02-05	Hul No.	Ship Particular Ship Speed Calcu SHIP SPEED CALCULATION TYPE	lation
GENERAL INFORMATION Shipbulder 2021-02-05	Hui No.	SHIP SPEED CALCULATION TYPE	SAGE OKCOM
GENERAL INFORMATION Shipbuilder 2021-02-05	Hull No.	SHIP SPEED CALCULATION TYPE	
Shipbuilder 2021-02-05	Hull No.		
2021-02-05	12	Spring Drawn Caram at EEDI drawabl	Should Desser Doint at EEDI drawhit
		Speed-Power Point at Design draught	Alternative Speed calculation
IMO No.	Ship Type		HERET
000001	Tanket		
		Engine Power at MCR _{im} (kW)	Ship Speed at 83% of MCR _{(m} (knot)
		1300	6.895
PRINCIPAL PARTICULARS		SPEED POWER CURVE	
Length overall(m)	Length between perpendiculars(m)	at LEDY OTEN CONTE	
500	30	360	
Breadth, moulded(m)	Depth, moulded(m)		
50	40	192	
Summer load line draught, moulded(m)	Deadweight at Summer load line draught(ton)	100	
12	81200	10 ·····	

- 4) In case of KR registered ships, data from e-fleet automatically linked and in this case the e-fleet icon is displayed on the right. (🔳)
 - 4-1) If the data registered in the e-fleet matches the data entered in EEXI field, the icon (<a>[e]) is activated.
 - 4-2) If the data registered in the e-fleet changed by manually input, the icon (🕑) is activated.
 - 4-3) e-fleet data could be synchronized again by clicking the e-fleet button at the top.

GEARs			
Q Search Ship Name	e-Beet NEW DELETE	class for test (vm)	IMO No 123456 Ship type Containersh
No Ship Name \$	Complete Update \$	Ship Particular Ship Speed C	alculation Application
1 Application test	3P 33 C AP 2021-12-28	X = dest	SAVE
2 class for test 🖲	5# 55 C AP 2021-12-28	GENERAL INFORMATION	
3 PAPERCERT1	B BP 35 C AP 2021-12-29	Ship Owner *	Shipbuilder* 🗑
4 CERT TEST CRR	R IP 35 C AP 2021-12-17	KOREAN REGISTER OF SHIPPING	12345
5 PROS3333	SP 35 C AP 2021-12-17	Hull No. * @	MO.No. * (B)
6 OFFUNETEST3	38 C AP 2021-12-17	1664 Ship Type *	123456 ICE Class #
7 ECERTTEST	54 55 C AP 2021-12-15	Containership	N/A *
B ECERTIAFS	3P 33 C AP 2021-12-15		
9 ECERTTEST7	3P 88 C AP 2021-12-15	PRINCIPAL PARTICULARS	
10 ECERT	19 35 C AP 2021-12-20	Length overall(m) *	Length between perpendiculars(m) *
11 PROS0030 🗑	SP 35 C AP 2021-12-15	123:	125.22
12 ECERTSCIEST	2021-12-15	Breadth, moulded(m) *	Depth, moulded(m) * 🗃
		22.72	12.1

5) In the case of EPL applied ships, data is entered by activating the EPL button.

If you click the EPL(Engine Power Limit) button in the MAIN ENGINE category, additional fields are created for inputting limited power(hereafter referred to as MCRlim) and SFC(hereafter referred to as SFClim) values, and the EPL button next to the ship name is activated.

EST SHIP	V EPL			IMO No	0000001 Ship type
hip Particula	r Ship	Speed Calcul	ation		
MAIN EN				Fuel Type	e Diesel/Gas Oil 💌
No.	Power at MCR(kW)	SFC at 75% MCR(g/kWh)	RPM at MCR(RPM)	Fuel Type	Diesel/Gas Oil 👻
No.	Power at MCR(kW) 10000	SFC at 75% MCR(g/kWh) 160	RPM at MCR(RPM)	Fuel Type	Diesel/Gas Oil 👻
No.	Power at MCR(kW) 10000	SFC at 75% MCR(g/kWh) 160	RPM at MCR(RPM)	Fuel Type	Diesel/Gas Oil Manufacturer
No.	Power at MCR(KW) 10000	SFC at 75% MCR(g/kWh) 160	RPM at MCR(RPM)	Fuel Type	e Diesel/Gas Oil 👻 Manufacturer

	ST 🗸 EPL]		IMO No 098	7654 Ship ty	pe Refrigerated	d cargo ca
hip Particular	Ship Speed	Calcul	ation	Make Drawing	gs & Submit	for approva	al
e-fleet							SA
MAIN ENGINE	V EPL						
MAIN ENGINE	V EPL				Fuel Type	Diesel/Gas Oi	
MAIN ENGINE SFC at 75% MCR(g/kWh)	V EPL	SFC at 83% MCR _{lim}	RPM at MCR(RPM)	RPM at MCRlim(RPM)	Fuel Type Serial No.	Diesel/Gas Oi	M
MAIN ENGINE SFC at 75% MCR(g/kWh) 190	MCR _{lim} (kw)	SFC at 83% MCR _{im}	RPM at MCR(RPM) 30	RPM at MCRIim(RPM)	Fuel Type Serial No.	Diesel/Gas Oi Type 123	M
MAIN ENGINE SFC at 75% MCR(g/kWh) 190	MCR _{lim} (kw)	SFC at 83% MCR _{lim}	RPM at MCR(RPM) 30	RPM at MCRlim(RPM)	Fuel Type	Diesel/Gas Oi Type 123	M
MAIN ENGINE SFC at 75% MCR(g/kWh) 190	MCR _{lim} (kw)	SFC at 83% MCR _{lim}	RPM at MCR(RPM) 30	RPM at MCRIim(RPM)	Fuel Type	Diesel/Gas Oi Type 123	M

6) If you click the next tab (Ship Speed) without completing the required data input on the Ship Particular tab, a warning message asking you to enter the data value is displayed and an error message is displayed in the description on the right. Clicking on an error will move you to the corresponding input field.

L	 Please fill out the form to move to the next page. 	×
TEST SHIP VEPL		IMO No 1234598 Ship type tanker
Ship Particular Ship	Speed Calculation	
		SAVE
Particular Ship Speed Ca	alculation	Error data 🚺
Particular Ship Speed C.	alculation	Error data 1 Deadweight at Summer load line draught(ton) Deadweight is required data.
Particular Ship Speed C. Breadth, moulded(m)	Calculation	Error data Deadweight at Summer load line draught(ton) Deadweight is required data.
Particular Ship Speed C	Depth, moulded(m)	Error data 1 Deadweight at Summer load line draught(ton) Deadweight is required data.
Particular Ship Speed C Breadth, moulded(m) Summer load line draught, moulded(m) Gross ton(ton)	Calculation SAVE Depth, moulded(m) Deadweight at Summer load line draught(ton) This is a required field.	Error data 1 Deadweight at Summer load line draught(ton) Deadweight is required data.

7) If you input all the required data and press SAVE button, you can move to the next tab(Ship Speed) with a message "The data saved successfully"

IEST SHIP			IMO No 1236547	Ship type tank
Ship Particular Sh	ip Speed Cal	culation		
Breadth, moulded(m)		Depth, moulded(m)	i i i i i i i i i i i i i i i i i i i	SAVE
Summer load line draug	nt, moulded(m)	Deadweight at Sun	imer load line draught(ton)	

5. Ship Speed

 On the Ship Speed tab, ship speed and graph are derived according to the input values of the Speed-Power table. In cases where the Speed-Power curve is not available or the sea trial report does not contain the EEDI or design load draft condition, ship speed can be obtained from alternative speed calculation.

Also, you can manually input the ship speed value directly and save it. By pressing the select button, you can activate the desired calculation formula.

	FPL				IMO No	0000001		Ship typ	e Tanke
Ship Particular	Ship Speed	Calculation							
						SA	WE	CAL	
SHIP SPEED CA	ALCULATION TYPE								
SHIP SPEED CA	ALCULATION TYPE		Speed-Pov	wer Point a	it EEDI d	raught			
SHIP SPEED CA	ALCULATION TYPE er Curve at EEDI draught er Point at Design draught		Speed-Pov Alternative	wer Point a Speed cal	it EEDI d	raught			

2) Speed-Power Curve at EEDI draught

If you input the speed-power table with select Speed Power Curve at EEDI draught and click the calculation button, the ship speed is automatically calculated and displayed in the red field with speed-power curve.

ST SHIP	V EPL			IMO No 0000001 Ship type Ta
ip Particula	r Ship Spee	d Calcul	ation	
				SAVE
SHIP SPE	d-Power Curve at EED	rPE I draught n draught		 Speed-Power Point at EEDI draught Alternative Speed calculation
Engine Po	ower at MCR			Ship Speed at 75% of MCR
10000			7	13.778
SPEED-P	OWER TABLE	oad Draft		
NO.	Speed(knots)	Power(KW)		
	11	4000		
1	0.0			
1	12	5016		
1 2 3	12	5016 6336		

hip Particular	Ship Speed	Calculati	оп	
				SAVE CALCULATE
SHIP SPEED	CALCULATION TYPE	Ξ		
Speed-P	ower Curve at EEDI dr	aught		Speed-Power Point at EEDI draught
Speed-H	ower Point at Design d	raught		Alternative Speed calculation
Engine Powe	r at MCR _{lim} (kW)			Ship Speed at 83% of MCR _{lim} (knot)
8000			-	13.229
			2	
SPEED-POW	ER TABLE			
	At Summer Load	Draft		
No.	Speed(knots)	Power(kW)		
1	11	4000		
2	12	5016		
3	13	6336		
4	14	7876		
hip Particular	Ship Speed	Calculati	on	
				SAVE CALCULATE
-				
6	15	9725		
All values	in the table must be er	itered for calculation		
SPEED-	POWER CURVE			
9725				
8750				
7976				
7876				
7876 8 0 6336				
7876 5336 5016				
7876 6336 5016 4000				
7876 6336 5016 4000	1	12	13	50 14 14.5 15

When EPL is activated, ship speed calculated reflecting the MCRlim.

3) Speed-Power Point at EEDI draught

This option can be selected when there is only one point result value, not a speed-power curve(several points).

The field values are defined as the below table.

ltem	Definition
Vs,EEDI	Sea trial service speed under the EEDI draught

Ps,EEDI Power of the main engine corresponding to Vs,EEDI

If you click the calculation button after input Vs,EEDI and Ps,EEDI values, the ship speed is automatically calculated and displayed in the red field, and a point plotted on the speed-power curve.

TEST SHIP	V EPL		IMO No 0000001 Ship type Tanker
Ship Particular	Ship Speed	Calculation	
			SAVE CALCULATE
SHIP SPEED	CALCULATION TYPE		
Speed-P	ower Curve at EEDI draught	. Г	Speed-Power Point at FEDI draught
Speed-P	ower Point at Design draugh	nt L	Alternative Speed calculation
			RESET
Engine Powe	r at MCR		Ship Speed at 75% of MCR
10000			9.086
Vacco			PSEEDI
W The law has 1 at			5,EED
10			10000
10	V EPL		10000 IMO No 0000001 Ship type Tanker
TEST SHIP	Ship Speed	Calculation	10000 IMO No 0000001 Ship type Tanker
TEST SHIP	Ship Speed	Calculation	10000 IMO No 0000001 Ship type Tanker
TEST SHIP	Ship Speed	Calculation	10000 IMO No 0000001 Ship type Tanker
Ship Particular	CALCULATION TYPE	Calculation	10000 IMO No 0000001 Ship type Tanker
Ship Particular Ship Speed-P Speed-P Speed-P	CALCULATION TYPE	Calculation	10000 IMO No 0000001 Ship type Tanker SAVE CALCULATE • Speed-Power Point at EEDI draught Alternative Speed calculation RESET
Ship Particular Ship Speed-P Speed-P Engine Powe	CALCULATION TYPE ower Curve at EEDI draught ower Point at Design draught	Calculation	10000 IMO No 0000001 Ship type Tanker SAVE CALCULATE
Ship Particular Ship Speed-P Speed-P Engine Powe 9500	CALCULATION TYPE ower Curve at EEDI draught ower Point at Design draught	Calculation	10000 IMO No 0000001 Ship type Tanker SAVE CALCULATE Speed-Power Point at EEDI draught Alternative Speed calculation RESET Ship Speed at 83% of MCR _{tim} (knot) 9.238
Ship Particular Ship SPEED Speed-P Speed-P Engine Powe 9500	CALCULATION TYPE ower Curve at EEDI draught ower Point at Design draught r at MCR _{lim} (kW)	Calculation	10000 IMO No 0000001 Ship type Tanker SAVE CALCULATE CALCULATE Speed-Power Point at EEDI draught Alternative Speed calculation RESET Ship Speed at 83% of MCR _{lim} (knot) 9.238 PS EEDI

				SAVE CALCI
Vs EEDI		Pscen		
10		10000		
SPEED-PO	WER CURVE			
19000				
14250				
9500				
8		 • (9.238, 7885.000)		
4750				
0				
0	5	9	14	18

4) Speed-Power Point at Design draught

This option can be selected when the speed-power curve of design draught is available only for containers, bulk carriers or tankers.

The field values are defined as the below table.

item	Definition
Vs,service	Sea trial service speed under the design load draught
DWTs,service	Deadweight under the design load draught
Ps,service	Power of the main engine corresponding to Vs,service
k	Scale coefficient

If you click the calculation button after input Vs,service and Ps,service, DWTs,service values, the ship speed is automatically calculated and displayed in the red field, and a point plotted on the speed-power curve.

EST				
hip F	Particular	Ship Speed	Calculation	
				SAVE CALCULATE
:	SHIP SPEED CA	LCULATION TYPE		
	 Speed-Powe Speed-Powe 	er Curve at EEDI draug er Point at Design drau	aht	Speed-Power Point at EEDI draught Alternative Speed calculation
	C			RESET
	Facility Device at	MCD		Ship Speed at 75% of MCD
ĺ	11500	MCK		9.392
`	V _{S,SERVICE}			Ps,service
	10			10000
l	DWT _{S,SERVICE}			
	80000			
TEST		PL.		IMO No 0000001 Ship type Tank
Ship F	Particular	Ship Speed	Calculation	
	SHIP SPEED CA	CULATION TYPE or Curve at EEDI draug or Point at Design drau	ght ight	Speed-Power Point at EEDI draught Alternative Speed calculation
Γ	SHIP SPEED CA Speed-Power Speed-Power Engine Power at	Curve at EEDI draug er Curve at EEDI draug er Point at Design drau MCR _{lim} (kW)	ght	Speed-Power Point at EEDI draught Alternative Speed calculation RESET Ship Speed at 83% of MCR _{lim} (knot) 8,607
	SHIP SPEED CA Speed-Powe Speed-Powe Engine Power at 8000	ALCULATION TYPE er Curve at EEDI draug er Point at Design drau MCR _{lim} (kW)	ght ight	Speed-Power Point at EEDI draught Alternative Speed calculation RESET Ship Speed at 83% of MCR _{lim} (knot) 8,607
[SHIP SPEED CA Speed-Power Speed-Power Engine Power at 8000	MCR _{lim} (kW)	ght ight	Speed-Power Point at EEDI draught Alternative Speed calculation RESET Ship Speed at 83% of MCR _{Bm} (knot) 8.607 Ps.SERVICE 10000
	ShiP SPEED CA Speed-Powe Speed-Powe Engine Power at 8000 Vs.SERVICE 10	MCR _{lim} (kW)	ght ight	Speed-Power Point at EEDI draught Alternative Speed calculation RESET Ship Speed at 83% of MCR _{lim} (knot) 8,607 Ps,SERVICE 10000
	SHIP SPEED CA Speed-Power Speed-Power Engine Power at 8000 Vs.service 10 DWTs.service 80000	MCR _{lim} (kW)	ght ight	Speed-Power Point at EEDI draught Alternative Speed calculation
	ShiP SPEED CA Speed-Powe Speed-Power Engine Power at 8000 Vs.service 10 DWTs,service 80000	MCR _{tim} (kW)	ght ight	Speed-Power Point at EEDI draught Alternative Speed calculation
hip Pa	SHIP SPEED CA Speed-Power Speed-Power Engine Power at 8000 Vs,service 10 DWTs,service 80000 articular	ALCULATION TYPE or Curve at EEDI draug or Point at Design drau MCR _{lim} (kW)	Calculation	Speed-Power Point at EEDI draught Alternative Speed calculation RESET Ship Speed at 83% of MCR _{itm} (knot) 8.607 Ps,service 10000
hip Pa	SHIP SPEED CA Speed-Power Speed-Power Engine Power at 8000 Vs.SERVICE 10 DWTs.SERVICE 80000 articular	MCR _{tim} (kW)	Calculation	Speed-Power Point at EEDI draught Alternative Speed calculation ELEET Ship Speed at 83% of MCR _{Bim} (knot) 8.607 Ps,SERVICE 10000 LOUIDE
hip Pa	SHIP SPEED CA Speed-Power Speed-Power Engine Power at 8000 Vs.SERVICE 10 DWT9.SERVICE 80000 articular S.SERVICE	MCR _{im} (KW)	Calculation	Speed-Power Point at EEDI draught Alternative Speed calculation
hip Po	ShiP SPEED CA Speed-Power Speed-Power Engine Power at 8000 Vs.SERVICE 10 DWTs.SERVICE 80000 articular	MCR _{lim} (kW)	Calculation	Speed-Power Point at EEDI draught Alternative Speed calculation
hip Pa	SHIP SPEED CA Speed-Power Engine Power at 8000 Vs,SERVICE 10 DWTS,SERVICE 10 articular (S,SERVICE 10 DWTS,SERVICE	MCR _{lim} (kW)	Calculation	Speed-Power Point at EEDI draught Alternative Speed calculation
hip Pa	SHIP SPEED CA Speed-Power Engine Power at 8000 Vs.sERVICE 10 DWTs.SERVICE 80000 articular 10 DWTs.SERVICE 10 0 WTs.SERVICE 10 0 0 0 0 0 0 0 0 0 0 0 0 0	ALCULATION TYPE or Curve at EEDI draug or Point at Design drau MCR _{lim} (kW) Ship Speed	Calculation	Speed-Power Point at EEDI draught Alternative Speed calculation
hip Pa	SHIP SPEED CA Speed-Power Speed-Power Engine Power at 8000 Vs,SERVICE 10 DWTs,SERVICE 10 SSERVICE 10 DWTS,SERVICE 10 DWTS,SERVICE 10 SPEED-POWER	ALCULATION TYPE or Curve at EEDI draug or Point at Design drau MCR _{lim} (kW) Ship Speed	Calculation	Speed-Power Point at EEDI draught Alternative Speed calculation
hip Pa	SHIP SPEED CA Speed-Power Speed-Power Engine Power at 8000 Vs.SERVICE 10 DWTs.SERVICE 80000 articular /s.SERVICE 10 DWTs.SERVICE 80000 SPEED-POWER 80000	ALCULATION TYPE or Curve at EEDI draug or Point at Design drau MCR _{lim} (kW) Ship Speed	Calculation	Speed-Power Point at EEDI draught Alternative Speed calculation RESET Ship Speed at 83% of MCR _{Bm} (knot) 8.607 Ps.SERVICE 10000 SAVE CALCULATE PS.SERVICE 10000
hip Pr	SHIP SPEED CA Speed-Power Engine Power at 8000 V9.SERVICE 10 DWT9.SERVICE 10 DWT5.SERVICE 10 DWTS.SERVICE 10 DWTS.SERVICE 10 DWT5.SERVICE 10	ALCULATION TYPE or Curve at EEDI draw, or Point at Design draw MCR _{lim} (kW) Ship Speed	Calculation	Speed-Power Point at EEDI draught Alternative Speed calculation
hip Pa	SHIP SPEED CA Speed-Power Speed-Power Engine Power at 8000 Vs,SERVICE 10 DWTs,SERVICE 80000 articular (S,SERVICE 10 DWTs,SERVICE 10 SPEED-POW 16000 12000	ALCULATION TYPE or Curve at EEDI draug or Point at Design drau MCRim(KW) Ship Speed	Calculation	Speed-Power Point at EEDI draught Alternative Speed calculation
hip Pa	SHIP SPEED CA Speed-Power Speed-Power Engine Power at 8000 Vs,sERVICE 10 DWTs,SERVICE 80000 articular 's,SERVICE 10 DWTs,SERVICE 10 0 SPEED-POWE 1000 1	ALCULATION TYPE or Curve at EEDI draug or Point at Design drau MCRum(kW) Ship Speed FER CURVE	apht aght Calculation	Speed-Power Point at EEDI draught Alternative Speed calculation
bip Pa	SHIP SPEED CA Speed-Power Engine Power at 8000 V9.SERVICE 10 DWTS.SERVICE	ALCULATION TYPE or Curve at EEDI draw mCRtim(kW) Ship Speed /ER CURVE	apht gabt	Speed-Power Point at EEDI draught Alternative Speed calculation

5) Alternative Speed calculation

This option can be selected where the Speed-Power curve is not available or the sea trial report does not contain the EEDI or design load draft condition.

If you click the calculation button after Engine Power at MCR, the ship speed is automatically calculated and displayed in the red field, and a point plotted on the speed-power curve.

hip Particul	ar	Ship Speed	Calculation		
				SAVE CALCUL	ATE
SHIP SP	EED CAL	CULATION TYPE			
O Spe	ed-Power	Curve at EEDI draught		Speed-Power Point at EEDI draught	
O Spe	ed-Power	Point at Design draught		 Alternative Speed calculation 	
				RESET	
Engine F	ower at M	CR		Ship Speed at 75% of MCR	
10000				13.158	
EST SUID	- EDI			14/0 No (000001 L. Ship has 2	Tapl
EST SHIP	VEPL			INC NO COUCON I Ship type	lan
hip Particula	ar	Ship Speed	Calculation		
				SAVE	LATE
SHIP SPI		ULATION TYPE			
O Spee	ed-Power	Curve at EEDI draught		Speed-Power Point at EEDI draught	
O Spee	e <mark>d-</mark> Power I	Point at Design draught		Alternative Speed calculation	
				RESET	
Engine P	ower at M	CR _{lim} (kW)		Ship Speed at 83% of MCR _{lim} (knot)	
8000				12.635	
nip Particula	ır	Ship Speed	Calculation		
				SAVE	ATE
Engine Po	ower at M	CR _{lim} (kW)		Ship Speed at 83% of MCR _{lim} (knot)	
8000				12.635	
SPEE	D-POWE	R CURVE			
160	000				
120	000				
15					
NO ₂				• (12.635, 6640.000)	
40	000				
	0			1	

When the Use Speed Power Curve at EEDI draught is selected, if you adjust the Engine Power at MCR and pressing the arrow, then corresponding speed value can be calculated.

(Conversely, if you press the arrow after adjusting the speed, the corresponding Engine Power at MCR value can be calculated)

EST SHIP 💽	ER.		IMO No 0000001 Ship type Tank
hip Particular	Ship Speed	Calculation	
			SAVE CALCULATE
SHIP SPEED C	ALCULATION TYPE		
Speed-Pow	ver Curve at EEDI draught		Speed-Power Point at EEDI draught
O Speed-Pow	ver Point at Design draught		 Alternative Speed calculation
			RESET
Engine Power a	it MCR		Ship Speed at 75% of MCR
1000d			13 778

If the user knows the speed value, you can directly input the speed value manually.

TEST SHIP VEPL			IMO No 00	000001 Ship type Tanker
Ship Particular	Ship Speed	Calculation		
				SAVE CALCULATE
SHIP SPEED CAL	CULATION TYPE			
Speed-Power	Curve at EEDI draught		Speed-Power Point at EEDI drau	ught
Speed-Power	Point at Design draught		Alternative Speed calculation	
				RESET
Engine Power at M	CR		Ship Speed at 75% of MCR	
10000		2	14	

6. Calculation

Based on the ship's specifications entered on the Ship Particular tab and ship's speed calculated on the Ship Speed tab, the EEXI result value can be calculated on the Calculation tab.

 When you click the calculate button, the attained and required EEXI value is calculated through the information entered on the Ship Particular / Ship Speed tab, and the result used in the calculation is displayed in the pop-up.

20021			TION	
3.72 g-CO ₂ /ton nm Attained EEXI	3.92 g-CO ₂ /ton.nm Required EEXI	Parameter	Unit	Value
		MCR _{ME}	kW	10,000
		Capacity	DWT	81,200
REQUIRED EEXI CUR	VE	Vref	kn	12.166
		P _{ME}	kW	7,500
20		PAE	kW	500
16		CFPilotfuel		3.206
14 12 12		CFAE Pillotfuel	06	3.206
4 EX (9-CC		CFLNG	(*)	2.75
attaine a		-		

When EPL is applied, EEXI is calculated as the EPL applied value.

2) If the Attained EEXI value is less than or equal to the Required EEXI value, In the pop-up window, the text 'EEXI SATISFACTION' is displayed with a green light. Conversely, if the Attained EEXI value is greater than the Required EEXI value, In the pop-up window, the text 'EEXI UNSATISFACTION' is displayed with a red light.



3) Check the Dual checkbox in Main Engine / Auxiliary Engine, values that were not required data become required data, indicating data entry, and creating an additional information window.

TEST SI	HIP				IN	IO No 1236547	Ship type tanker
Ship Part	icular	Ship Speed	Calculatio	n			
						SA	VE CALCULATE
MAI	N ENGINE (S)						
			Fuel type	Diese /Gas Oil 👻	Fuel type (pil	ot fuel) Selec	t *
D	ual Pow	ver at MCR (kW) S	FC at 75% MCR(g/	kWh) SFC (LN	G for Dual fuel) g/kWh]	SFC (Pilot fue fuel)[g/k	el for Dual Wh]
	☑ 15000	80)		I.		1.
AUX	ILIARY ENGI	NE (S)					
			Fuel type	Diesel/Gas Oil -	Fuel type (pil	ot fuel) Selec	t ·
D	ual Pow	erat MCR (kW) S	FC at 50% MCR(g/	kWh) SFC (LN	G for Dual fuel) g/kWh]	SFC (Pilot fue fuel)[g/k	el for Dual Wh]
	600	22	20				
	-						

EST SHIP			IMO No 1236547 Ship type tank		
Ship Particular	Ship Speed	Calculation			
				SAVE CALCULAT	
ADDITIONAL INF	ORMATION				
ADDITIONAL INF	Tank Volume	Density	Low calorific value	Filling rate	
ADDITIONAL INF	Tank Volume	Density	Low calorific value	Filling rate	
LNG HFO	Tank Volume	Density 450 991	Low calorific value 48000 40200	Filling rate 0.95 0.98	

4) At the Bottom of the calculation tab, there is a function to calculate the correction factor applied to each specific ship type. Add and reset is possible with the +/- icon.

CORRECTION FACTOR					
f _{icsr} 🛨 🗖	fc 🛨 🔤				
1.049					

5) If you click the +button next to the correction factor, a window where you can calculate the correction factor appears. After input the required data, press the calculate button to automatically calculate the correction factor, and click the SAVE button to save the calculated value.

nker				🗐 Ligh	t weight	
sr : ships under common s	tructural rules(CSR)			Ship's ligh	t weight	
Light weight(ton)	Deadweight(ton)		ficsr	Unit to	Range	100 - 500000
450000	150000	1.24				
			CALCULATE			

6) If you save all the additionally input data and click the CALCULATE, the values are reflected and EEXI is re-calculated

			SAVE	CALCULATE	This pag Ship par	e is for EEXI calcu ticular and ship sp	ulations. weed information we are automatic
RESULT				• EEXI SATISFAC	CTION		s as follow
3.68 g-CO ₂ /ton.nm	3.92 g-CO ₂ /ton.nm	-6.02 %	20 %	Parameter	Unit	Value	1
Attained EEXI	Required EEXI	Difference	Applied Reduction I	MCR _{ME}	kW	10,000	
				Capacity	DWT	81,200	linked field
REQUIRED EEXI CUR	VE	- 1	Reference line • Attained El	Vref	kn	12.166	iniked new
				P _{ME}	kW	7,500	
20				P _{AE}	kW	500	
18				CFPilotfuel	~	3.206	
ille 14				CFAE Pillotfuel	4	3.206	
12 12 10 8 6				CFLNG		2.75	

7) If you click the SAVE button after checking the calculated value, the REPORT button is activated. When you click the REPORT button, a report reflecting the calculation result is output.

			EEXI F	RESULT		R	R
Ship I	Name	IMC) No.	Ship	Туре	D\	ΝT
bc-TEST	-general	8877665		General ca	General cargo ship		000
CALCULATED	PURSUANT	TO DD OF CALCULATIC	IN OF THE ATTAIN	ED ENERGY EFFICIE	NCY EXISTING S	HIP INDEX (Res. ME	PC.333(76))
	MCR (or EPL)	Att, EEXI	Req. EEXI	Att. / Req1 (%)	Vref	SFC for M/E	SFC for A/E
Before EPL	20,000	9.63	7.27	32.46	18.307	190.00	215.00
After EPL	10,000	6.77	7.27 30.00%	6.88	15.029	190.00	215.00
The calculated	Att. EEXI value ()	Before EPL) of the owner should fir	e ship is not satis nd the cost-effer	sfied with the Reg. (ctive solutions such	EEXI value. As a) as EPL or ESD	a result of the calc	ulation, the ship
14 13 A 12 t 11 t 10 19 n8 e7 d 6			Attained	1 & Required EE	<1	– Refere ■ Attaine	nce Line Id EEXI
E5 E4 X3 2 1 0 0	10,000 2	0,000 30,000) 40.000 Capacit	50.000 60.000 y (DWT or GT)	70,000	80,000 90.0	00 100.004
- EEXI value is o ENERGY EFFI - Format of this	OF CALCULA calculated acco CIENCY EXISTIN document is of	TION rding to IMO GUI IG SHIP INDEX (E nly summary of E	DELINES ON TH EEXI). EEXI calculation r	E METHOD OF CAU	LCULATION OF ot format of EE	THE ATTAINED	

- KOREAN REGISTER

7. Make drawings & Submit for approval

You can submit an application for the EEXI Technical File and Onboard Management Manual on the this tab, and filling out, saving, and submitting the application letter for drawing approval is performed separately for each tab.

1) Click the tab where you want to fill out the application form and enter the required data.

EEXI .				
	Technical file	Onboard N	Management Manual	
×	e-fleet			
APF	LICATION INF	ORMATION		
Date	*			Name of Company * e
20:	21-12-28			KOREAN REGISTER OF SHIPPING
Nam	ie of Person in	charge *		Tel. No *
E-m	ail *			Document No.
Drav	ving No. *			Revision No.

2) Attach the necessary files to submit the application. (Only PDF files can be attached)

			Application
EEXI Technical file	Onboard N	fanagement Manual	
Contract e-fieet			SAVE EXPORT REPORT SUBMIT
FILE ATTACH			
EEXI Technical File			
		6	

3) When writing the Onboard Management Manual, if the application information is the same as the data written in the EEXI Technical File, you can synchronize the data by clicking the 'LOAD EEXI tech.file' button.

	Calculation	Application
EEXI Technical file Onboard	i Management Manual	
Coad EEXI tech file		
APPLICATION INFORMATION		
Date *		Name of Company * e
2021-12-28	-	KOREAN REGISTER OF SHIPPING
Name of Person in charge *		Tel. No *
Name		Tel. No
		Document No.
E-mail *		
E-mail * 123@123.123		123
E-mail * 123@123.123 Drawing No. *		123 Revision No.
E-mail * 123@123.123 Drawing No. * 123		123 Revision No. 123

4) When you click the Save button, the Export report button is activated, and when you click the button, a drawing is created based on the created data.

Bardinglan Alt. Ave. 1			
Parucular Ship Speed	Calculation	Application	
EEXI Technical file Onboard	Management Manual		
e-fieet		SAVE	
APPLICATION INFORMATION			
Date *		Name of Company *	
2021-12-01	-	123	
Name of Person in charge *		Tel. No *	
12		123	
E-mail *		Document No.	
123@123.123		132	
Drawing No. *		Revision No.	
123		123	
Mobile No.			
123-123-1234			
		-	
		×	
ISWG-GHG 8/WP.1		×	
ISWG-GHG 8WP.1 Annex 2, page 8 APPEN	DIX	×:	
ISWG-GHG 8WP.1 Annex 2, page 8 APPEN SAMPLE OF EEXI T	DIX ECHNICAL FILE		
ISWG-GHG 8WP.1 Annex 2, page 8 APPEN SAMPLE OF EEXI T 1 Data 1.1 General information	DIX ECHNICAL FILE	×	
ISWG-GHG 8/WP.1 Annex 2, page 8 APPEN SAMPLE OF EEXI T 1 Data 1.1 General information Shipowner	DIX ECHNICAL FILE XXX Shipping	Line	
ISWG-GHG 8/WP.1 Annex 2, page 8 APPEN SAMPLE OF EEXI T 1 Data 1.1 General information Shipowner Shipowner Hull no.	DIX ECHNICAL FILE XXX Shipping XXX Shippulding C 12345	Line	
ISWG-GHG 8/WP.1 Annex 2, page 8 APPEN SAMPLE OF EEXI T 1 Data 1.1 General information Shipowner Shipowner Hull no. IMO no. Ship type	DIX ECHNICAL FILE XXX Shipping XXX Shipbuilding C 12345 94112XX Bulk carrier	Line company	
ISWG-GHG 8/WP.1 Annex 2, page 8 APPEN SAMPLE OF EEXI T 1 Data 1.1 General information Shipowner Shipowner Hull no. IMO no. Ship type 1.2 Principal particulars	DIX ECHNICAL FILE XXX Shipping XXX Shipping XXX Shipping 12345 94112XX Bulk carrier	Line	
ISWG-GHG 8/WP.1 Annex 2, page 8 APPEN SAMPLE OF EEXI T 1 Data 1.1 General information Shipowner Shipowner Shipowner IMO no. Ship type 1.2 Principal particulars Length overall	DIX ECHNICAL FILE XXX Shipping XXX Shippulding C 12345 04112XX Bulk carrier 250.0 m	Line company	
ISWG-GHG 8/WP.1 Annex 2, page 8 APPEN SAMPLE OF EEXI T 1 Data 1.1 General information Shipowner Shipown	DIX ECHNICAL FILE XXX Shipping XXX Shippulding C 12345 94112XX Bulk carrier 250.0 m 240.0 m 40.0 m	Line ompany	
ISWG-GHG 8WP.1 Annex 2, page 8 APPEN SAMPLE OF EEXI T 1 Data 1.1 General information Shipbuider Hull no. Shipbuider Hull no. Ship type 1.2 Principal particulars Length between perpendiculars Breadth, moulded Depth, moulded Depth, moulded	DIX ECHNICAL FILE XXX Shipbuilding C XXX Shipbuilding C 12345 04112XX Bulk carrier 250.0 m 40.0 m 40.0 m 20.0 m	Line company	
ISWG-GHG 8WP.1 Annex 2, page 8 APPEN SAMPLE OF EEXI T 1 Data 1.1 General information Shipouner Shipouner Shipouner Hull no. Ship type 1.2 Principal particulars Length between perpendiculars Breadth, moulded Depth, moulded Summer toad line draught, moulded Summer toad line draught, moulded	DIX ECHNICAL FILE XXX Shippulding C XXX Shippulding C 12345 04112XX Bulk carrier 250.0 m 240.0 m 40.0 m 150.000 ton 150.000 ton	Line company	
ISWG-GHG 8WP.1 Annex 2, page 8 APPEN SAMPLE OF EEXI T 1 Data 1.1 General information Shipbumer Shipbulder Hull no. Shipbutge 1.2 Principal particulars Length between perpendiculars Breadth, moulded Depth, moulded Depth, moulded Depth, moulded Depth, moulded Depth, moulded Depth, moulded Depth, moulded Depth, moulded Depth, moulded Summer load line draught, moulded Summer load line draught in draught 1.3 Main engine	DIX ECHNICAL FILE XXX Shippuilding C XXX Shippuilding C 12345 94112XX Bulk carrier 250.0 m 240.0 m 40.0 m 14.0 m 150,000 ton	Line company	
ISWG-GHG 8WP.1 Annex 2, page 8 APPEN SAMPLE OF EEXI T 1 Data 1.1 General information Shipbounter Shipbuilder Shipb	DIX ECHNICAL FILE XXX Shipbuilding (12345 941125X Bulk carrier 250.0 m 240.0 m 14.0 m 150.000 ton XXX Industri	Line iompany	
ISWG-GHG 8/WP.1 Annex 2, page 8 APPEN SAMPLE OF EEXI T 1 Data 1.1 General information Shipbounder Hull no. Ship bype 1.2 Principal particulars Length between perpendiculars Breadth, moulded Depth, moulded Depth, moulded Depth, moulded Deadweight at summer load line draught 1.3 Main engine Manufacturer Type Maximum continuous rating (MCRee)	DIX ECHNICAL FILE XXX Shipping XXX Shippulding 12345 04112XX Bulk carrier 250.0 m 240.0 m 14.0 m 150,000 ton XXX Industrii 6,3700 15.000 kW x #80	Line company s	
ISWG-GHG 8/WP.1 Annex 2, page 8 APPEN SAMPLE OF EEXI T 1 Data 1.1 General information Shipowner Shipowilder Hull no. Ship bype 1.2 Principal particulars Length overall Length between perpendiculars Breadth, moulded Depth, mo	DIX ECHNICAL FILE XXX Shipping XXX Shippulding 12345 04112XX Bulk carrier 250.0 m 240.0 m 20.0 m 150.000 ton 150.000 ton 15.000 kW x 80 9,940 kW x 70	Line company s s	
ISWG-GHG 8/WP.1 Annex 2, page 8 APPEN SAMPLE OF EEXI T 1 Data 1.1 General information Shipowner Shipowider Hull no. Ship type 1.2 Principal particulars Length overall Length overall Length between perpendiculars Breadth, moulded Depth, mou	DIX ECHNICAL FILE XXX Shipping XXX Shipping XXX Shipping 12345 04112XX Bulk carrie 250.0 m 240.0 m 20.0 m 150.000 ton 150.000 ton 5.940 kW x 70	Line company s s	
ISWG-GHG 8WP.1 Annex 2, page 8 APPEN SAMPLE OF EEXI T 1 Data 1.1 General information Shipouner Shipouner Shipouner Hull no. IMO no. Ship type 1.2 Principal particulars Length between perpendiculars Breadth, moulded Depth, moulded Berph moulded Summer toad line draught in draught 1.3 Main engine Manufacturer Type Maximum continuous rating (MCRee) Limited maximum continuous rating with the Engine Power Limitation installed (MCRee.m)	DIX ECHNICAL FILE XXX Shipbuilding C 12345 04112XX Bulk carrier 250.0 m 240.0 m 40.0 m 40.0 m 150,000 ton 150,000 ton 150,000 kW x 80 9,940 kW x 80 9,940 kW x 80 166.5 g/kW	Line iompany s s s s	
ISWG-GHG 8WP.1 Annex 2, page 8 APPEN SAMPLE OF EEXI T 1 Data 1.1 General information Shipbowner Shipbowner Shipbowner Shipbowner Shipbowner Hull no. IMO no. Ship type 1.2 Principal particulars Length between perpendiculars Breadth, moulded Depth, moulded Depth, moulded Beadweight at summer load line draught 1.3 Main engine Manufacturer Type Maximum continuous rating (MCRox) Limited maximum continuous rating with the Engine Power Limitation installed (MCRox:m) SFC at 75% of MCRus; or 83% of MCRus; m SFC at 75% of MCRus; or 83% of MCRus; m	DIX ECHNICAL FILE XXX Shippulding C XXX Shippulding C 12345 04112XX Bulk carrier 250.0 m 240.0 m 40.0 m 150.000 ton 150.000 tw x 80 9.940 kW x 70 166.5 g/tW 1 Diesel Oil	Line ompany s s	
ISWG-GHG 8WP.1 Annex 2, page 8 APPEN SAMPLE OF EEXI T 1 Data 1.1 General information Shipbuker Hull no. Shipbuker Hull no. Shipbuye 1.2 Principal particulars Length between perpendiculars Breadth, moulded Depth, moulded Depth, moulded Depth, moulded Depth, moulded Depth, moulded Summer load line draught, moulded Depth, moulded Depth, moulded Summer load line draught, moulded Depth, moulded Summer load line draught, moulded Deadweight at summer load line draught 1.3 Main engine Manufacturer Type Type Deadweight at summer load line draught Second State State State State State State State State	DIX ECHNICAL FILE XXX Shippulding C XXX Shippulding C 2240.0 m 240.0 m 240.0 m 240.0 m 14.0 m 150,000 ton 150,000 til 370A 570A 15,000 kW x 80 9,940 kW x 70 196.5 g RW 1 Diesel Oil	Line iompany s s s ps npm rpm n n	
ISWG-GHG 8/WP.1 Annex 2, page 8 APPEN SAMPLE OF EEXI T 1 Data 1.1 General information Shipowner Shipbuilder Hull no. IMO no. Ship type 1.2 Principal particulars Length between perpendiculars Length between perpendiculars Breadth, moulded Depth, moulded Depth, moulded Depth, moulded Depth, moulded Beadweight at summer load line draught 1.3 Main engine Manufacturer Type Maximum continuous rating (MCRae) Limited maximum continuous rating with the Engine Power Limitation installed (MCRae) Maximum continuous rating with the Maximum continuous rating with the	DIX ECHNICAL FILE XXX Shipbuilding C 2295 94112XX Bulk carrier 250.0 m 240.0 m 40.0 m 150,000 ten 150,000 ten 50,000 ten 150,000 ten 150,000 ten 150,000 kW x 70 150,000 kW x 70 166.5 g/kW 1 Diesel Oil XXX Industri	Line company s s s s s s s s s s s s s s s s s s s	
SWG-GHG &WP.1 Innex 2, page 8 APPEN SAMPLE OF EEXI T Data 1 General information Shipowner Shipowner Shipowner Paul Ino. IMO no. Ship type 2 Principal particulars Length overall Summer foad line draught 3 Main engine Manufacturer Type Maximum continuous rating (MCRae) SFC at 75% of MCRae, or 83% of MCRae, or 83% of MCRae, or 84% Fuel type 4 Auxiliary engine Manufacturer Type Maximum continuous rating (MCRae, or 84%) SFC at 75% of MCRae, or 83% of MCRae, or 84% Fuel type	DIX ECHNICAL FILE XXX Shipping XXX Shippulding C 12345 04112XX Bulk carrier 250.0 m 240.0 m 40.0 m 40.0 m 150,000 ton 150,000 ton 150,000 ton 15,000 kW x 80 9,940 kW x 70 166.5 g/kW 10 Diesel Oil XXX Industri 5,3200 600 kW x 900	Line iompany s s s s s s s s s s s s s s s s s s s	

5) When drawing creation is complete, you can submit an application by clicking the SUBMIT button. The drawing and application are submitted together when you click the SUBMIT button.

	opeed	on Application
EEXI Technical file	Onboard Management Ma	nual
e-fieet		
APPLICATION INFORM	ATION	
Date *		Name of Company *
2021-12-01	0	123
Name of Person in charg	e *	Tel. No *
12		123
E-mail *		Document No.
123@123.123		132
Drawing No. *		Revision No.
123		123
Mahila Ma		
Application Preview		×
Application Preview		SUBMIT PRINT
Application Preview PAPERC	ERT1	SUBMIT PRINT
Application Preview PAPERC Doc No	ERT1 132	SUBMIT PRINT
Application Preview PAPERC Doc No Date	ERT1 132 2021-12-01T15:00:00	SUBMIT PRINT
Application Preview PAPERC Doc No Date Subj. IMO No.	ERT1 132 2021-12-01T15:00:00 Drawing submission for appr 2030000	SUBMIT PRINT
Application Preview PAPERC Doc No Date Subj. IMO No. We are ple Please reti any.	ERT1 132 2021-12-01T15:00:00 Drawing submission for appr 2030000 ased to submit the drawing and irm the drawing and or docum	SUBMIT PRINT
Application Preview PAPERC Doc No Date Subj. IMO No. We are ple Please ret any. DWG. No.	ERT1 132 2021-12-01T15:00:00 Drawing submission for appr 2030000 ased to submit the drawing an arm the drawing and or docum	SUBMIT PRINT
Application Preview PAPERC Doc No Date Subj. IMO No. We are ple Please reti any. DWG. No. 123	ERT1 132 2021-12-01T15:00:00 Drawing submission for appr 2030000 assed to submit the drawing and irm the drawing and or docum REV. No. 123	SUBMIT PRINT
Application Preview PAPERC Doc No Date Subj. IMO No. We are ple Please retu any. DWG. No. 123 If you wish	ERT1	SUBMIT PRINT SVal.
Application Preview PAPERC Doc No Date Subj. IMO No. We are ple Please retiany. DWG. No. 123 If you wish 12	ERT1	SUBMIT PRINT Dvat.
Application Preview PAPERC Doc No Date Subj. IMO No. We are ple Please retu any. DWG. No. 123 If you wish 12 Tel E-mail	ERT1	SUBMIT PRINT Sval.

GEA	Rs							ଜ	9 E 9 0
SHIP L	IST						SHIP TYPE CHART		< 3
Search					=	Filter Search		-	
No,	Stip Name	880 No.	Complete	Update	EEXO Status	OMM Status			
	PAPERCERT1	999999	y n c #	2021-12-27	PROCESSING	PROCESSING		45.74	
	Application test	5980000	9 31 C 10	2021-12-27	PROCESSING	PROCESSING	515	98	
	AppTest	1523634	9 33 C 30	2021-12-22	PROCESSINO		51N T	otal Ship	
							TOP 5.	1274	
							Ship Type	Nanber	Percentage
							O Bulk carrier	35	35.7%
							o Tanker	12	12.2%
							 LNG carrier 	8	8.2%
							 General cargo ship 	7	7.1%
							 Gas camer 	6	6.1%

6) The progress of drawing approval can be checked by being linked to the main page.

8. EEXI User Log

On the log tab, you can check the user's history of using the EEXI program, and the history is divided into SEARCH, INSERT, SAVE, and DELETE.

Filter Search C	ompany Name	2021-12-31 🖬 - 202	21-12-31 🖬 Search			EXPOR
User ID	Service List	Target	Status	Date	Company	P
test_possm	PARTICULAR	LIST	SEARCH	2021-12-31713-44:30-44	POS SM(GEARS)	211 197 141 251
test_possm	PARTICULAR	LIST	SEARCH	2021-12-31713-45-17-447	POS SM(GEARS)	211 197 141 251
test_possm	PARTICULAR	LIST	SEARCH	2021-12-31713-46-13-48	POS SM(GEARS)	211,197,141,251
test_possm	PARTICULAR	LIST	SEARCH	2021-12-31715:22:06:353	POS SM(GEARS)	211.197.141.251
test_possm	PARTICULAR	LIST	SEARCH	2021-12-31715:22:09:213	POS SM(GEARS)	211 197 141 251
test_possm	PARTICULAR	LIST	SEARCH	2021-12-31715-22:55:25	POS SM(GEARS)	211 197 141 251
test_possm	PARTICULAR	LIST	SEARCH	2021-12-31714-27:00.61	POS SM(GEARS)	211 197 141 251
test_possm	PARTICULAR	LIST	SEARCH	2021-12-31714.36.02.24	POS SM(GEARS)	211.197.141.251
test_possm	PARTICULAR	LIST	SEARCH	2021-12-31T14-38-36-49	POS SM(GEARS)	211.197.141.251
test_possm	PARTICULAR	LIST	SEARCH	2021-12-31714 38:38.613	POS SM(GEARS)	211 197 141 251