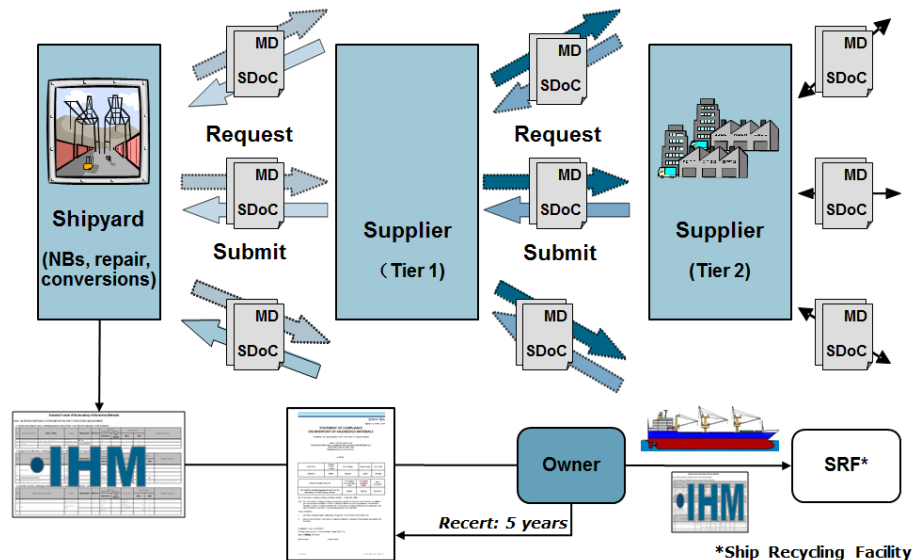


Know what's inside your ship!

SDoC and MD Supply Chain



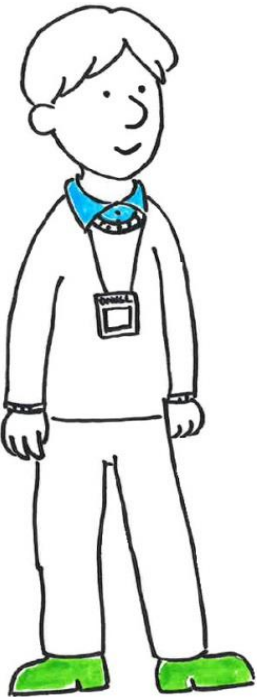
MARITIME

SDoC & MD Preparation Instruction

General introduction SDoC and MD

This presentation is an instruction for issuing the **Supplier Declaration of Conformity (SDoC)** and **Material Declaration (MD)**.

DNV GL provides one digital MD template which cover both the IMO and the EU requirements for the preparation of the **Inventory of Hazardous Materials (IHM)**.



- ❑ **IMO standard:** MEPC.269(68) published in 2015 under IMO Hong Kong Convention (successor of MEPC.197(62) published in 2011).
- ❑ **EU standard:** Regulation EU No. 1257/2013 of the European Parliament and of the Council of 20 November 2013 on Ship Recycling (EU SRR), the EU SRR standard has two additional **hazardous materials (hazmats)** (PFOS & HBCDD).
- ❑ The forms are available under:
<https://www.dnvgl.com/services/recycling-and-hazmat-management--3413>

IMO and EU SRR MD form

Table A materials according to IMO and EU SRR requirements

Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** (materials listed in appendix 1 of the Convention)	Asbestos	0.1%*	No				
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No				
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No			
		Halons		No			
		Other fully halogenated CFCs		No			
		Carbon tetrachloride		No			
		1,1,1-Trichloroethane		No			
		Hydrochlorofluorocarbons		No			
		Hydrobromofluorocarbons		No			
	Anti-fouling systems containing organotin compounds as a biocide	Methyl bromide	2,500 mg total tin/kg	No			
Bromochloromethane		No					

Material Declaration

<Date of declaration>
Date: 2019-07-10

<IMO ID number>
IMO ID: ICL_WLC_Thinas_BF19199_201907-02

<Supplier (respondent) information>
Company name: Thinas Chemicals (Wholesale) Corp.
Division name: Sales Department
Address: Wharf Road 1
Contact person: Mr. Albert Gorenberg
Telephone number: 00-49-431-821-200
Fax number: 00-49-431-821-200
Email address: mar@icw.de
SDOC ID No.: ICL_WLC_Thinas_BF19199_201907-02

<Other information>
Reason 1:
Reason 2:
Reason 3:

<Product information>

Product name	Product number	Delivered unit	Product information
Thinas	BF19199	2 (kg)	Full No 2004N

<Material information>

Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** (materials listed in appendix 1 of the Convention)	Asbestos	0.1%*	No				
	Ozon depleting substance	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			
		Chlorofluorocarbons (CFCs)	no threshold level	No			
		Halons		No			
		Other fully halogenated CFCs		No			
		Carbon tetrachloride		No			
		1,1,1-Trichloroethane		No			
		Hydrochlorofluorocarbons		No			
	Hydrobromofluorocarbons	No					
	Anti-fouling systems containing organotin compounds as a biocide	Methyl bromide	2,500 mg total tin/kg	No			
Bromochloromethane		No					

IMO and EU SRR MD form

Table B materials according to IMO and EU SRR requirements

Annex II with two additional hazmats, PFOS and HBCDD, is only required for the EU SRR.

☐ **Annex II materials have three options "Yes", "No", or "NA".**
NA means not applicable.

If **only IMO** standard is required, **NA** should be selected for **Annex II** materials.

Material Name	Concentration	Yes	No	NA
Cadmium and cadmium compounds	100 mg/kg	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lead and lead compounds	1,000 mg/kg	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mercury and mercury compounds	1,000 mg/kg	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Polybrominated biphenyl (PBBs)	50 mg/kg	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Polychloronaphthalenes (Cl >= 3)	50 mg/kg	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Radioactive substances	no threshold level	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Certain shortchain chlorinated paraffins	1%	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Annex II*** (Additional materials)				
Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Brominated Flame Retardant (HBCDD)	100 mg/kg	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Material Declaration

<Date of declaration>
Date: 2019-07-10

<MO ID number>
MO-ID-No: MDJ_WL_Thyres_87971999_20190702

<Supplier (respondent) information>
 Company name: Intercontinental Wireless Corp.
 Division name: Sales Department
 Address: Whitehouse 1
 Contact person: Mr. Marc Gouvenor
 Telephone number: 00-49-451-800-300
 Fax number: 00-49-451-800-300
 E-mail address: mg@icw.co.uk
 DUNS ID-No: MDJ_WL_Thyres_87971999_20190702

<Other information>
 Remark 1:
 Remark 2:

<Product information>

Product name	Product number	Delivered unit	Product information
Thyres	87971999	2 piece	Part No: 20004

<Material information>
 This information should be the amount of hazardous materials contained in: Unit

Table	Material name	Threshold level	Present above threshold level	If yes, material name	If yes, information on where it is used
Table 21** Hazardous materials within 1% of the Convention	Asbestos	0.1%	No		
	Polycyclic aromatic hydrocarbons (PAHs)	50 mg/kg	No		
	Chlorofluorocarbons (CFCs)		No		
	Hydrobromides		No		
	Other fully hydrogenated CPCs		No		
	Carbon tetrachloride		No		
	1,1,1-trichloroethane	no threshold level	No		
	Hydrochlorofluorocarbons		No		
	Hydrofluorocarbons		No		
	Methyl bromide		No		
Table 27** Hazardous materials within 0.1% of the Convention	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg	No		
	Perfluorodecane sulfonic acid (PFDS)	10 mg/kg	No		
	Polychlorinated biphenyls (PCBs)	1,000 mg/kg	No		
	Polychlorinated dibenzofurans (PCDFs)	1,000 mg/kg	No		
	Polychlorinated dibenzodioxins (PCDDs)	1,000 mg/kg	No		
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No		
	Polychlorinated dibenzofurans (PCDFs)	50 mg/kg	No		
	Polychlorinated dibenzodioxins (PCDDs)	50 mg/kg	No		
	Radioactive substances	no threshold level	No		
	Certain shortchain chlorinated paraffins	1%	No		
Annex II*** Hazardous materials					
Perfluorooctane sulfonic acid (PFOS)	10 mg/kg	No			
Brominated Flame Retardant (HBCDD)	100 mg/kg	No			

*Please refer to footnote 18 on the "Form of Material Declaration" in the IMO Guidelines Resolution MEPC.269(68).

**Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 (SR/CONF/45).

***Regulation EU No. 1257/2013 of the European Parliament and of the Council of 20 November 2013 on Ship Recycling and amending Directive 2009/16/EC of the European Parliament and of the Council of 23 April 2009 on the liability of operators of ships in respect of pollution by oil or other hazardous substances, in force from 2015-01-01.

****EMSA's Best Practice Guidance on the Inventory of Hazardous Materials, dated 2016-10-28

*****Concentrations of PFOS above 10 mg/kg (0.001% by weight) when it occurs in substances or in preparations or concentrations of PFOS in semi-finished products or articles, or parts thereof equal to or above than 0.1% by weight calculated with reference to the mass of structurally or micro-structurally distinct parts that contain PFOS or for textiles or other coated materials, if the amount of PFOS is equal to or above than 1 µg/m² of the coated material.

Important Notice: The content and specifications of this form may not be changed or amended. Any changes or amendments by others than the author of this form constitute a breach of copyright law.

Take into account ...

In order to identify the information digitally in IGS and link MD and SDoC to each other, the shown fields must be the same both in MD and SDoC. It is recommended to use "copy" and "paste" function to transfer below information between MD and SDoC to avoid any typing errors during preparation.

- a** "SDoC ID-No." in MD form and its SDoC form must be the same;
- b** "Company name" in MD & "Issuer's name" in SDoC must be the same;
- c** "Address" in MD and the "Issuer's name" in SDoC form must be the same.

Material Declaration

<Date of declaration>	
Date	2019-07-10
<MD ID number>	
MD-ID-No.	MD_IWC_Tinylass_879T1999_2019-07-02
<Other information>	
Remark 1	
Remark 2	
Remark 3	
<Supplier (respondent) information>	
Company name	Intercontinental Windlass Corp.
Division name	Sales Department
Address	Windlassroad 1
Contact person	Mr. Marc Govendor
Telephone number	00 49 4531 800 000
Fax number	00 49 4531 803 000
E-mail address	marc@iwc.xx
SDoC ID-No.	SD_IWC_Tinylass_879T1999_2019-07-02

Supplier's Declaration of Conformity for Material Declaration Management

1) SDoC No.: SD_IWC_Tinylass_879T1999_2019-07-02

2) Issuer's name: Intercontinental Windlass Corp.

Issuer's address: Windlassroad 1

Diagram Labels:

- a** (Red box): Points from SDoC ID-No. in MD to SDoC No. in SDoC.
- b** (Purple box): Points from Company name in MD to Issuer's name in SDoC.
- c** (Blue box): Points from Address in MD to Issuer's address in SDoC.

Take into account ...

❑ Choose the unit for the product carefully. For example;

- "piece" for machinery and system items
- "kg", or "m³" for paints
- "kg", or "m" for cables

Acknowledge; paints cannot have the unit "piece"

❑ Declare the total mass of products which can not be separated mechanically instead of declaring only the hazmat mass.

- e.g. paints, concrete, insulation, gaskets, etc.

❑ Not to forget to fill in where the hazmat is included in the product or on the vessel.

❑ MDs and SDoCs have to be prepared, even if no hazmat is contained above the related threshold levels.

❑ ISO 30005 standard offers an unique numbering system for MDs and SDoCs:

- SD_Manufacturer_Productname_Producttype_date(20110331)
- MD_Manufacturer_Productname_Producttype_date(20110331)

MD requirements for suppliers

Suppliers shall establish, implement and maintain procedures to:

- ❑ Provide a statement on presence/absence of hazmats for all supplied products;
- ❑ Provide accurate and up-to-date information on presence of hazmats;
- ❑ Identify supply chain and require sub-MDs as basis for preparation of own MDs;
- ❑ Ensure that up-to-date information is supplied by their supply chain;
- ❑ Identify missing information and establish a follow up procedure;
- ❑ Assure that each homogenous material is evaluated and/or analysed;
- ❑ Provide a unique ID-number for identification of MD;
- ❑ Ensure the related SDoC is identified in the MD;
- ❑ Ensure that all information is available, maintained and provided digitally.

How to complete a MD file

The first part contains general information

Material Declaration

<Date of declaration>

Date	2019-07-10
------	------------

<MD ID number>

MD-ID-No.	MD_IWC_Tinylass_879T1999_2019-07-02
-----------	-------------------------------------

<Other information>

Remark 1	
Remark 2	
Remark 3	

<Supplier (respondent) information>

Company name	Intercontinental Windlass Co
Division name	Sales Department
Address	Windlassroad 1
Contact person	Mr. Marc Govendor
Telephone number	00 49 4531 800 000
Fax number	00 49 4531 803 000
E-mail address	marc@iwc.xx
SDoC ID-No.	SD_IWC_Tinylass_879T1999_2019-07-02

1. Fill in <Date of declaration> with the correct date format (YYYY-MM-DD)
2. Fill in unique <MD ID number> for each declared item
3. Fill in <Other information> relevant to the MD if applicable
4. Fill in <Supplier (respondent) information> about the manufacturer
5. Fill in <SDoC ID-No> of the related SDoC for the MD

How to complete a MD file

The second part contains product related information

<Product information>

Product name	Product number	Delivered unit		Product information
		Amount	Unit	
Tinylass	879T1999	2	piece	Pull 30 to 200kN

<Material information>

This materials information shows the amount of hazardous materials contained in

Unit
1 piece

1. Fill in the product name
2. Fill in the product number of the product
3. Fill in the amount or quantity of the product delivered
4. Select the unit of the product, e.g. piece for machinery
5. Fill in additional information with serial number, etc.
6. Select the unit of product for declaration of HazMat, e.g. kg for paints or piece for components

How to complete a MD file

The third part contains information about the hazardous materials of Table A and B and Annex II

Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used		
			Yes/No	Mass	Unit			
Table A** (materials listed in appendix 1 of the Convention)	Asbestos	0.1%*	No <input type="text"/>					
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No <input type="text"/>					
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No <input type="text"/>				
		Halons		No <input type="text"/>	1.	2.	3.	4.
		Other fully halogenated CFCs		No <input type="text"/>				
		Carbon tetrachloride		No <input type="text"/>				
		1,1,1-Trichloroethane		No <input type="text"/>				
		Hydrochlorofluorocarbons		No <input type="text"/>				
		Hydrobromofluorocarbons		No <input type="text"/>				
		Methyl bromide		No <input type="text"/>				
	Bromochloromethane	No <input type="text"/>						
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No <input type="text"/>						

1. Select whether hazmat is contained ("yes" or "no")
2. Fill in the amount, mass or quantity of the hazmat
3. Select the appropriate unit for the hazmat
4. Fill in where the hazmat is used in the product

SDoC requirements for suppliers

Suppliers shall establish, implement and maintain procedures to:

- ❑ Prepare an SDoC for products supplied by them;
- ❑ Provide SDoC efficiently to requesting customers;
- ❑ Ensure that required information is provided in the SDoC;
- ❑ Create a unique ID-number for identification of SDoC and referencing it in MD;
- ❑ Ensure that the SDoC is signed by a company representative;
- ❑ Ensure that all information and forms required are available, maintained and provided digitally;
- ❑ Provide at least one SDoC for their product portfolio.



How to complete a SDoC file

The first part contains information about the supplier

Supplier's Declaration of Conformity for Material Declaration Management

- 1) SDoC No.: SD_IWC_Tinyllass_879T1999_2019-07-02
- 2) Issuer's name: Intercontinental Windlass Corp. 1.
- Issuer's address: Windlassroad 1 2.

1. Fill in a unique SDoC No for identification with the related MD

2. Fill in the company name and complete address of the issuer (supplier)

(The company name needs to match with company name written in the MD)

Supplier's Declaration of Conformity for Material Declaration Management

1) SDoC No.: SD_IWC_Tinyllass_879T1999_2019-07-02

2) Issuer's name: Intercontinental Windlass Corp.
Issuer's address: Windlassroad 1

3) Object(s) of declaration: 1)Windlass "Tinyllass", "Midsize", "Bigsize"
2)Mooring Winch "High Stress"
3)
4)

4) The object(s) of the declaration described above is/are in conformity with the following documents:

5) Applicable Regulations or other stipulated requirements and documents

Document No.	Title	Edition	Date of issue
EC No. 1257/2013	EU Ship Recycling Regulation	2013	2013-12-10
Res MEPC 209(68)	Guidelines for the development of the Inventory	2015	2015-05-15
SR/CONF45	Hong Kong Convention for the Safe and Environment	2009	2015-05-19
QM-03	Quality Management Manual	3	2018-10-24

6) Additional Information:

Signed for and on behalf of: Intercontinental Windlass Corp. / Sales Department

New Seatown
Place of issue
2019-07-10
Date of issue

7) Marc Govendor, Sales Manager MG
Name, function Signature

How to complete a SDoC file

The second part contains information about the product

3) Object(s) of declaration:

- 1) Windlass "Tinylass", "Midsize", "Bigsize"
- 2) Mooring Winch "High Stress"
- 3)
- 4)

4) The object(s) of the declaration described above is/are in conformity with the following documents:

Supplier's Declaration of Conformity for Material Declaration Management

1) SDoC No.: SD_IWC_Tinylass_879T1999_2019-07-02

2) Issuer's name: Intercontinental Windlass Corp.
Issuer's address: Windlassroad 1

3) Object(s) of declaration: 1)Windlass "Tinylass", "Midsize", "Bigsize"
2)Mooring Winch "High Stress"
3)
4)

4) The object(s) of the declaration described above is/are in conformity with the following documents:

5) Applicable Regulations or other stipulated requirements and documents

Document No.	Title	Edition	Date of issue
EC No. 1257/2013	EU Ship Recycling Regulation	2013	2013-12-10
Res MEPC 209(68)	Guidelines for the development of the Inventory	2015	2015-05-15
SR/CONF45	Hong Kong Convention for the Safe and Environment	2009	2015-05-19
QM-03	Quality Management Manual	3	2018-10-24

6) Additional Information:

Signed for and on behalf of: Intercontinental Windlass Corp. / Sales Department

New Seatown
Place of issue
2019-07-10
Date of issue

7) Marc Govendor, Sales Manager MG
Name, function Signature

3. Specify which products are covered by the SDoC

(An SDoC can cover one product, a range of products, a complete delivery or all products of the supplier.)

4. Standard text, no additional entry is required!

How to complete a SDoC file

The third part contains information about related Standards

5) Applicable Regulations or other stipulated requirements and documents

Document No.	Title	Edition	Date of issue
EC No. 1257/2013	EU Ship Recycling Regulation	2013	2013-12-10
Res MEPC.269(68)	Guidelines for the development of the Inventory	2015	2015-05-15
SR/CONF/45	Hong Kong Convention for the Safe and Environ	2009	2015-05-19
QM-03	Quality Management Manual	3	2018-10-24

5.

5. Fill in legal and organizational standard documents, e.g.

- Relevant MEPC IHM Guidelines,
- Hong Kong Convention,
- EU Ship Recycling Regulation,
- EMSA IHM Guidance,
- National regulations,
- ISO standards, etc.

Supplier's Declaration of Conformity for Material Declaration Management

1) SDoC No.: SD_IWC_Tinylass_879T1999_2019-07-02

2) Issuer's name: Intercontinental Windlass Corp.
Issuer's address: Windlassroad 1

3) Object(s) of declaration: 1)Windlass "Tinylass", "Midsize", "Bigsize"
2)Mooring Winch "High Stress"
3)
4)

4) The object(s) of the declaration described above is/are in conformity with the following documents:

5) Applicable Regulations or other stipulated requirements and documents

Document No.	Title	Edition	Date of issue
EC No. 1257/2013	EU Ship Recycling Regulation	2013	2013-12-10
Res MEPC.269(68)	Guidelines for the development of the Inventory	2015	2015-05-15
SR/CONF/45	Hong Kong Convention for the Safe and Environ	2009	2015-05-19
QM-03	Quality Management Manual	3	2018-10-24

6) Additional Information:

Signed for and on behalf of: Intercontinental Windlass Corp. / Sales Department

New Seatown
Place of issue
2019-07-10
Date of issue

7) Marc Govendor, Sales Manager MG
Name, function Signature

How to complete a SDoC file

The fourth part contains information about the issuer (supplier)

6) Additional Information:

Signed for and on behalf of: Intercontinental Windlass Corp. / Sales Department 6a.

New Seatown

Place of issue

2019-07-10

Date of issue

7) Marc Govendor, Sales Manager MG

Name, function Signature

Supplier's Declaration of Conformity for Material Declaration Management

SD_IWC_Tinylass_879T1999_2019-07-02

Intercontinental Windlass Corp.

Windlassroad 1

1) Windlass "Tinylass", "Midsize", "Bigsize"

2) Mooring Winch "High Stress"

3)

4)

5) of the declaration described above is/are in conformity with the following

Regulations or other stipulated requirements and documents

No.	Title	Edition	Date of issue
2013	EU Ship Recycling Regulation	2013	2013-12-10
00(08)	Guidelines for the development of the Inventory	2015	2015-05-15
	Hong Kong Convention for the Safe and Environment	2009	2015-05-19
QM-03	Quality Management Manual	3	2018-10-24

6a. Fill in additional information about the Product 7.
(e.g. a certain range of serial numbers of the components, etc.)

6b. Fill in the name of supplier company or name of company representative for which the SDOC is signed and place and date of issue

7. Fill in name and function and signature of responsible person of the supplier company (in typed letters / digital signature)

6) Additional Information:

Signed for and on behalf of: Intercontinental Windlass Corp. / Sales Department

New Seatown

Place of issue

2019-07-10

Date of issue

7) Marc Govendor, Sales Manager MG

Name, function Signature

Accomplish the IHM preparation process

Submit the MDs and SDoCs to the shipyard

- ❑ Use only DNV GL digital pdf templates for preparing MD and SDoC;
- ❑ Prepare additionally a signed hardcopy of SDoC for shipyard;
- ❑ Submit only digitally generated MD and SDoC files;
- ❑ Use digital signature system to sign SDoC if available;
- ❑ Note: The supplier is solely responsible for the information provided;
- ❑ Do not forget to fill in the unit column correctly;
- ❑ Acknowledge that paints cannot have the unit "piece";



Note: Shipyard prepares IHM based on suppliers' information;

- ❑ All MDs and SDoCs must be issued by suppliers using the DNV GL digital pdf template before uploading into IGS for further processing;
- ❑ The signed version of MDs/SDoCs should be archived by shipyard.

SDoC & MD Preparation Instruction

MARITIME

recycling-hazmat@dnvgl.com
+49 40 36 149 7786
[Recycling and HazMat](#)

• www.dnvgl.com

• SAFER, SMARTER, GREENER

