



**BUREAU
VERITAS**

VeriSTAR NEWS

NEWSLETTER OF THE MARINE DIVISION
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FOREWORD BY CLAUDE MAILLOT

Vice President Marine - Ships in Service Management



In a complex world, let's keep it simple. This could be the motto of this address. Our clients are the first to feel it, ships are bound to ever more requirements to be applied, and ever more stakeholders to inform and satisfy in a way or another. In response, classification societies have been led to apply into their rules new classification requirements or propose additional notations to satisfy their clients' needs. This information had to be available where and when needed, that is anywhere and anytime, that is primarily on board the vessel, and the habit had been to use the Classification Certificate as the first information depository. With the time, the one-time single page certificate has inflated to contain tens of pages, and to display myriads of information. In short, a difficult, error-prone, time-consuming and to tell it frankly, outdated, system of information. Bureau Veritas is proud today to present its new certification system which very obviously builds on IT technology and is aiming at providing the main class information in a snapshot through a single-page classification certificate and all other necessary pieces of information in a new Class Survey Status with particular emphasis on user-friendliness. The new IT system features on-line communication means with the clients, which allows a closer cooperation between the class surveys and the ship's planned management system.

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NEW BV CERTIFICATION SYSTEM

In line with the enormous progress of information and communication technologies over the last years, Bureau Veritas decided to move forward and implement a new enhanced certification system.

It includes the launching of a new Certificate of Classification, a modern web site to exchange information with customers, an enhanced ship's class and statutory status, amongst several other modifications.

The new certificate highlights the most valuable ship's information, i.e.: the ship's identification, the classification marks, symbols and notations including any additional class notation. With the new system, there will be no more hand-written endorsements on the certificate, all information being communicated electronically.

Here is a summary of the main characteristics of the new certificate. You will discover the details of other modifications in the subsequent pages

- In line with the Bureau Veritas visual identity, the new classification certificate is simple, easy to read and highlights the most important ship's information such as the ship's identity and the classification symbols, marks and notations.
- The new certificate fits in one page with place for endorsements of periodical surveys on back. There are no more annexes and no hand-written endorsements, except those for crediting periodical surveys.
- The new certificate holds an embossed logo to prevent fraudulent copies.
- In line with the Bureau Veritas environmental policy, the new certificate is printed in a certified recycled paper and contributes to reduce BV carbon footprint.



Emergency Response System (ERS)

The new additional class notation ERS-S has been assigned to all ships having an active ERS contract. This new notation clearly indicates that the ship benefits from Bureau Veritas technical assistance for calculation of remaining hull strength and stability after an accident. The new classification certificate automatically includes the ERS-S notation if the ship has an active ERS contract signed with BV.

For additional information, please do not hesitate to contact your Bureau Veritas connecting office.

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AN ENHANCED SHIP STATUS FOR OWNERS

The ship status has been completely rebuilt and includes now the ship's information which was available previously in the annexes to the certificate of classification. It includes also a graphic representation of the surveys due over the next 12 months. The main sections are:

■ Ship's Particulars

The information provided under this section is the same information which was previously available in the former annexes to classification certificate. It includes details on ship's identification, classification, main dimensions and hull particulars, machinery installations and any equipment or system covered by additional class notations granted to the ship.

■ Owner/Manager Information

Details of registered owner and ship manager. It includes details on ISM certification (DOC) of the ship manager in case this certification is done by Bureau Veritas.

■ Cargo & Ballast Capacities

The list of ship's cargo and ballast spaces, including the date of last internal examination, the reported coating condition and, for ballast tanks, information whether the tank is subject to annual examination.

■ Class/Statutory Status

This section provides information concerning the status of class and statutory certificates, surveys, audits, inspections, outstanding class/statutory recommendations, ISM/ISPS non conformities, continuous survey items, planned maintenance items, memoranda, etc. When printing a ship status on VeriSTAR Info, ship owners may choose to print all surveys, recommendations, etc, or only those which are in the survey window or will become overdue soon.

■ Planned Inspection Items

New section listing all items to be inspected in near future. The list includes class and statutory recommendations as well as items to be dealt with as a result of the surveys but not requiring the endorsement of a recommendation. The list of planned inspection items includes a clear indication whether the item has been endorsed as a recommendation or not, and the applicable verification scheme for each item.

■ 1-Year Survey Planner

Graphic representation of surveys, audits, recommendations, non conformities, planned inspection items and continuous survey items due in the forthcoming 12 months.

■ Continuous Survey List

This section provides the full list of items submitted to continuous survey. It replaces the CS Lists previously annexed to classification certificate.

■ PMS List

For ships where a planned maintenance system is implemented, this section provides the list of PMS items subject to verification/confirmation by BV.

■ Regulatory Information

This section provides the latest class and statutory news applicable to the ship's type and flag.

■ Bureau Veritas Contacts

Physical address and telephone numbers of the Bureau Veritas office in charge of the ship.

VeriSTAR Info Survey Status Report

Ship name: MY SHIP
BV No: 12345B

Ship Particulars

Identification

Ship Type:	Container ship	Flag:	CYPRUS
System Ship Type:	Other cargo ship	Port of Registry:	LIMASSOL
IMO Number:	9005431	Call Sign:	5BZQZ

Classification

Class Symbols:	1
Service Notations:	Container ship
Navigation Not.:	Unrestricted navigation
Add. Class Not.:	Ice III, AUT-PORT (SS), LASHING
Equipment:	1 Main anchor, chain diameter 78 mm, steel quality Q3 (Very high tensile strength ste)

Hull

Gross Tonnage 69:	29768	Builder:	BI 3MAJ d.d.
Net Tonnage 69:	12454	Country of build:	CROATIA
Deadweight:	35614 ton	Date of build:	29 Aug 1996
Overall Length:	201.41 m	Hull Material:	Steel
LPP:	189 m	Hull Info:	2 continuous deck(s)
Breadth:	32.24 m		5 cargo holds (57165 m ³)
Depth:	15.9 m		3007 containers (TEU)
Draught:	11.81 m		
Freeboard:	4114 mm		

Machinery

Propelling type:	Diesel	Elec. installation:	3 Diesel generators
Total power:	16440 kW (22336 HP)		1350 kVA (1080 kW)
Propelling machinery:	1 SULZER 6 RTA 72	Boiler(s):	1 Combined Auxiliary boiler
	2T, 6 cyl, 94 rpm		35 m ³ , 7 bar
Builder:	3 MAJ		1 Exhaust gas auxiliary boiler Auxiliary boiler
Date of build:	01 Jan 1995		490 m ³ , 7 bar
Propeller:	1 Solid Screw Propeller LB15, 94 rpm		
Speed:	21 kn		

Automated Installations (Mark AUT-UMS, AUT-PORT)

Control Station
Central monitoring and control station in the engine control room, without watch keeper.
Monitoring and control station in the wheel house: without watch keeper, for the machinery monitoring.

Propelling Machinery Control:
Engine propulsion, slow turning, starting, speed adjustment.
Automatic increase and decrease of the load, reversing and stop.
Automatic Control of Servitude Auxiliaries:
Cooling and Lubricating pumps, Fuel oil feed and booster pumps.

Electricity Production:
Three (3) diesel-generators with automatic starting, synchronizing and loading.
Automatic load sharing.

Boilers:
One (1) oil fired boiler with automatic operation.
One (1) exhaust gas boiler.
Complementary Auxiliaries (Purifiers):
Two (2) Self Cleaning Centrifugal purifiers for HFO & DO.
One (1) Self Cleaning Centrifugal purifier for L.O.
Three (3) Main and one (1) Em. Air Compressor.
Oily Water Separator.
Bilge automatic pump.

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VeriSTAR Info Survey Status Report

Ship name: MY SHIP
BV No: 12345B

Cargo & Ballast Capacities

Ballast Tanks

Tank/Hold Identification	Initial Frame	Final Frame	Position	Last survey	Job Number	Protection	Coating Cond.	Annual Exam.
Fore peak WB tank	227	260	Centre	02 Sep 2011 ¹		Coated	No	No
Deep Tank Fwd.Cent.PSWB	227	233		02 Sep 2011 ¹		Coated	No	No
DB WB tank N°1PS	192	227		02 Sep 2011 ¹		Coated	No	No
Upper Side N°1PSWB	192	227	Portside wing	02 Sep 2011 ¹		Coated	No	No
Upper Side N°1SBWB	192	227	Starboard wing	02 Sep 2011 ¹		Coated	No	No
DB WB tank N°2 PS	152	192		02 Sep 2011 ¹		Coated	No	No
Side tank WB N°2 PS	151	192	Portside wing	02 Sep 2011 ¹		Coated	No	No
DB WB tank N°2 SB	151	192		02 Sep 2011 ¹		Coated	No	No
Side tank WB N°3 PS	112	152	Portside wing	02 Sep 2011 ¹		Coated	No	No
Side tank WB N°3 SB	112	152	Starboard wing	02 Sep 2011 ¹		Coated	No	No
DB WB tank N°3 PS	112	152		02 Sep 2011 ¹		Coated	No	No
DB WB tank N°3 SB	112	152		02 Sep 2011 ¹		Coated	No	No
DB WB tank N°3 cent PS	112	152		02 Sep 2011 ¹		Coated	No	No
DB WB tank N°3 cent SB	112	152		02 Sep 2011 ¹		Coated	No	No
Anti heeling tank WB PS	90	112	Portside wing	02 Sep 2011 ¹		Coated	No	No
Anti heeling tank WB SB	90	112	Starboard wing	02 Sep 2011 ¹		Coated	No	No
DB WB tank N°4 cent. PS	58	112		02 Sep 2011 ¹		Coated	No	No
DB WB tank N°4 cent. SB	58	112		02 Sep 2011 ¹		Coated	No	No
Side tank WB N°4 PS	58	112	Portside wing	02 Sep 2011 ¹		Coated	No	No
Side tank WB N°4 SB	58	112	Starboard wing	02 Sep 2011 ¹		Coated	No	No
DB WB tank N°4 lat. PS	58	112		02 Sep 2011 ¹		Coated	No	No
DB WB tank N°4 lat. SB	58	112		02 Sep 2011 ¹		Coated	No	No
DB bilge coll tank SB	39	56		02 Sep 2011 ¹		Coated	No	No
After peak PS cent WB	10	12		02 Sep 2011 ¹		Coated	No	No
After peak PS WB	2	17	Portside wing	02 Sep 2011 ¹		Coated	No	No
After peak SB WB	2	17	Starboard wing	02 Sep 2011 ¹		Coated	No	No
Side tank WB N°2 SB	0	0	Starboard wing	02 Sep 2011 ¹		Hard coated	Good	No

¹ Date of completion of last class renewal survey

Cargo Holds

Tank/Hold Identification	Initial Frame	Final Frame	Position	Last survey	Job Number	Protection	Coating Cond.
Hold N°1	192	227	Centre	02 Sep 2011 ¹		Coated	No
Hold N°2	152	192	Centre	02 Sep 2011 ¹		Coated	No
Hold N°3	112	152	Centre	02 Sep 2011 ¹		Coated	No
Hold N°4	72	112	Centre	02 Sep 2011 ¹		Coated	No
Hold N°5	55	72	Centre	02 Sep 2011 ¹		Coated	Good

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ON-LINE SHIP STATUS

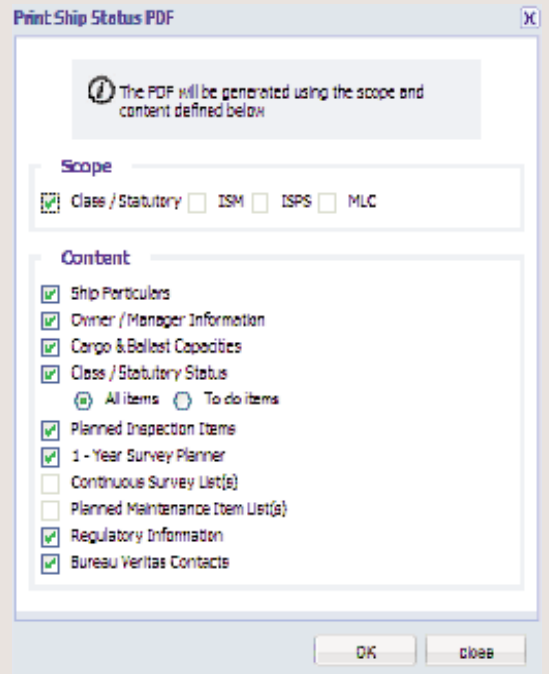
The new ship status is available on-line through VeriSTAR Info (www.veristar.com). It is continuously updated with the results of surveys carried out onboard the ships. Access VeriSTAR Info at any time to obtain an updated class and statutory status.

When printing the new ship status, owners may select the scope, i.e. class and statutory information, ISM certification details, ISPS certification details and MLC certification details, or print them separately.

The different sections of the new ship status may also be printed separately. For the section "class/statutory status", owners may choose between "All Items" and "To Do Items". The first option will be a complete ship status and will include all certificates, surveys, audits, recommendations, nonconformities, etc., whilst the option "To Do Items" will include only those certificates, surveys, audits, recommendations, etc, which are overdue or will become overdue in the next three months.

Owners may subscribe to receive periodically, free of charge, an updated ship status by mail. When subscribing, owners are invited to choose the periodicity of the mail (1, 2 or 3 months) and the contents of the ship status (All Items or To Do Items). To subscribe, please access VeriSTAR Info.

Alternatively, a hard copy of the ship status is sent every quarter to Owners.



VeriSTAR Info Survey Status Report
Ship name: MY SHIP BV No: 12345B

Class / Statutory Status

The Class/Statutory Status below shows the information available in VeriSTAR Info database at the time the report is printed. This may not indicate certificates issued, surveys carried out or recommendations issued but not yet reported to BV Head Office.

Classification

Status: Active
Attendance requested or in progress:
Date of Request: 19 Oct 2011
Survey Centre: BV PIRAEUS
Job number: LPR0/2011.80595
Attendance Type: ISM/ISPS audits

Certificates

Certificate name	Issued	Expiry	Extended	Type	Status
Classification					
Class Certificate	02 Sep 2011	28 Aug 2016		Definitive	
Load line					
Load Line Certificate	02 Sep 2011	28 Aug 2016		Definitive	
SOLAS					
Safety Construction Certificate	02 Sep 2011	28 Aug 2016		Definitive	
Safety Equipment Certificate	29 Oct 2011	28 Aug 2016		Definitive	
Safety Radio Certificate	08 Sep 2011	28 Aug 2016		Definitive	
Dangerous goods Doc	02 Sep 2011	28 Aug 2016		Definitive	
MARPOL					
Oil Pollution Prevention Certi	02 Sep 2011	28 Aug 2016		Definitive	
Sewage Pollution Prevention Ce	02 Sep 2011	28 Aug 2016		Definitive	
Air Pollution Prevention Certi	02 Sep 2011	28 Aug 2016		Definitive	
AFS convention					
Anti-Fouling System Certificate	02 Sep 2011			Definitive	
ISM Code					
Safety Management Certificate	12 Jan 2011	14 Dec 2015		Definitive	
ISPS Code					
Ship Security Certificate	12 Jan 2011	14 Dec 2015		Definitive	

Legend:
■ Expired
◆ Expires in less than 1 month
● Expires in less than 3 months

Surveys / Audits / Inspections

Classification Surveys

Survey name	Last	Due Date	Range (from, to)	Postponed	Status
Hull - Renewal	02 Sep 2011	28 Aug 2016	28 Aug 2016		To be confirmed
Hull - Annual for Renewal	02 Sep 2011	28 Aug 2016	28 Aug 2016		To be confirmed
Hull - Annual		28 Aug 2012	28 May 2012 - 28 Nov 2012		To be confirmed
Annual Survey of structure		28 Aug 2012	28 May 2012 - 28 Nov 2012		To be confirmed
Hull - Intermediate		28 Feb 2014	28 May 2013 - 28 Nov 2014		To be confirmed
Bottom Survey in Dry Dock	02 Sep 2011	02 Sep 2014	02 Sep 2014		To be confirmed
Machinery - Renewal (CS)	02 Sep 2011	28 Aug 2016	28 Aug 2016		To be confirmed
Machinery - Annual for Renewal	02 Sep 2011	28 Aug 2016	28 Aug 2016		To be confirmed
Machinery - Annual		28 Aug 2012	28 May 2012 - 28 Nov 2012		To be confirmed
Centre Tailshaft-Complete Survey	03 Jul 2008	03 Jul 2023	03 Jul 2023		To be confirmed

Legend:
■ Overdue
◆ Overdue in less than 1 month
● Within the range



VeriSTAR Info Survey Status Report
Ship name: MY SHIP BV No: 12345B

1-Year Survey Planner

Class Surveys

Survey Name	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Hull - Annual															
Annual Survey of structure															
Hull - Intermediate															
Machinery - Annual															
Boilers - Annual															
Automation - Annual															

Statutory Surveys

Survey Name	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Load Line - Annual															
Saf. Construction - Annual															
Saf. Construction - Intermediate															
Saf. Equipment - Annual															
Saf. Equipment - Periodical															
Saf. Radio - Periodical															
Dangerous Goods - Annual															
Oil Pollution - Annual															
Oil Pollution - Intermediate															
Air Pollution - Annual															
Air Pollution - Intermediate															

Statutory Audits

Audit Name	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
SMC - Intermediate															
Ship Security - Intermediate															

Class / Statutory Recommendations

Recommendation desc.	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
DBA0/2011/0666-H2R - Rec 1.2 - Damage as described in Rec 1.1 to be re-inspected annually.															



PLANNED INSPECTION ITEMS & VERIFICATION SCHEME

These are the items to be dealt with as a result of the surveys, some of them being relevant to the planned maintenance system of the vessel without requiring the endorsement of a class or statutory recommendation. Thanks to the new integrated certification management system, Bureau Veritas provides means to the client to follow-up on line these planned maintenance items, with a clear indication of the applicable verification scheme for each item, among two possible schemes:

Scheme 1:

Remedial action shall be taken before the assigned limit date by the ship's PMS competent person (e.g. Captain, Chief Engineer), and confirmation of action taken shall be reported to Bureau Veritas through VeriSTAR Info; Verification/confirmation by BV Surveyor during next attendance onboard, based on the submitted reports and records.

Scheme 2:

Survey of the item by BV Surveyor, upon completion of remedial action by the assigned due date.

In this way, Bureau Veritas builds on the IT to endeavour and provide a modern service which is always best suited to the operating mode of the vessel.

How to report maintenance actions to BV ?

Maintenance actions shall be taken by limit date and reported to Bureau Veritas through VeriSTAR Info (www.veristar.com).

Once connected to VeriSTAR Info, you may access the planned inspection items screen through a link available in Ship Summary page or through the left menu.

The planned inspection items submitted to verification scheme 1 are listed and you may confirm that remedial actions have been taken and the date of remedial actions.

SHIP DOCUMENTS BINDER



The new certification system relies on information technology but onboard ships you may not have permanent access to internet. Certificates, ship status, survey statements, survey reports, continuous survey lists, etc. are still to be kept onboard and presented to third parties on request. With the implementation of the new certification system,

Bureau Veritas provides all ships with a dedicated binder "Ship Documents", where all such documentation can be stored in an organized way and easily retrieved when necessary. In a near future, Bureau Veritas will introduce an electronic Ship Documents binder in the form of a USB stick containing all updated class information.

SURVEY STATEMENT

Replacing the former handwritten endorsements, Bureau Veritas implements the "Survey Statement", a summary of surveys carried out, certificates issued, planned inspection items issued or dealt with, etc. The survey statement will be left onboard after each intervention, by the attending surveyor. It contains:

- Certificates issued or extended
- Surveys carried out; Surveys postponed
- Planned inspection items issued, postponed or dealt with
- Continuous survey items credited or postponed
- Memoranda issued or cancelled

ANNUAL SURVEY OF STRUCTURE

Structural items subject to annual survey may now be dealt with in more than one attendance during the six-month window of class annual surveys. It includes the following items:

- Internal survey of ballast tanks subject to annual examination as a result of class renewal or intermediate surveys, applicable to all ship types whatever the age
- Overall survey of cargo holds, applicable to bulk carriers and general cargo ships over 10 years of age
- Close-up survey of internal structural items, applicable to bulk carriers over 10 years of age and to general cargo ships over 15 years of age

The annual survey of structure is part of the class annual survey, together with annual surveys of hull, machinery, boiler, and surveys related to additional class notations. When the annual survey of structure is carried out in more than one attendance, class annual survey will only be endorsed on the back page of the class certificate upon completion of all class annual surveys.

The same principle applies to the automatic suspension of class in case of overdue annual survey as per the IACS unified requirement. All class annual surveys must be completed within the six-month window to avoid ship's class being suspended.

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