

FIRE DETECTION SYSTEM

Date 07/09/21	Vessel Name M/N CERESIO	IMO No. N/A	CERT. 078/2021
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TECHNICAL DESCRIPTION

No	Text	Value
1	Manufacturer	HAES Ltd
2	System Typology	Conventional
3	Number of detection lines	5
4	Number of detectors	9
5	Protected spaces	Line 1: Battery Room 1 (2 x multisensor) Line 2: Battery Room 2 (2 x multisensor) Line 3: Battery Room 3 (2 x multisensor) Line 4: Switchboard Room (2 x multisensor) Line 5: Rest Room (1 x smoke detector)

DESCRIPTION OF INSPECTION/TESTS

N.	Description	Carried out	Not carried out	Not applicable
1	Test of main power presence and fault	X		
2	Test of back up power presence and fault	X		
3	Switchover test between main and back up power	X		
4	Test of system activation through detectors	X		
5	Test of fault signaling from the detection lines	X		
6	Alarms activation test	X		
7	Visual inspection that detectors are free of obstructions	X		
8	Test of correct signaling at the display panels (fault and alarm)	X		
9	Alarms resounding test	X		

NOTES:

- Detectors tested through aerosol dispenser.

VESSEL SIGNATURE AND STAMP

Lago di Lugano SA
Casella postale 570
6906 Lugano 6 Cassarate



GENOVA FIRE SERVICE SRL

GENOVA FIRE SERVICE SRL
Via L. Galvani, 3 / 16154 Genova
P.I. 02657960995
Tel. 0108179389 - 0108179460

ENGINEERED NOVEC FIRE SUPPRESSION SYSTEM

Date	Vessel Name	IMO No.	CERT.
07/09/21	M/N CERESIO	N/A	077/2021

TECHNICAL DESCRIPTION

No	Text	Value
1	Manufacturer	SEA FIRE EUROPE
2	Number of main Cylinder	1
3	Cylinder Capacity	AA986713
4	Extinguishers oldest pressure test	11/2019
5	Protected space(s)	SWITCHBOARD ROOM
6	Cylinder activation	Manual Only

DESCRIPTION OF INSPECTION/TESTS

N.	Description	Carried out	Not carried out	Not applicable
1	Release controls and distribution valves secured to prevent accidental discharge	X		
2	Contents in cylinders checked by weight	X		
3	All cylinder valves visually inspected	X		
4	All cylinder clamps and connections checked for tightness	X		
5	Remote release systems visual inspection	X		
6	Remote release systems test	X		
7	Release stations visual inspection	X		
8	Release alarms test	X		
9	Emergency Shutdown test			X
10	Pipes blowing through dry air	X		
11	Dampers/Fans/Ventilators shutdown test	X		
12	All instruction and warning signs on installation inspected	X		
13	Release controls reconnected and system put back in service		X	
14	Inspection date tags attached	X		

NOTES:

- The safety pin on the release actuator shall need to be removed to put the system in operative conditions.

VESSEL SIGNATURE AND STAMP

Coordinatore gestione
Lago di Lugano SA
Casella postale 570
6906 Lugano 6 Cassarate

GENOVA FIRE SERVICE SRL

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Via L. Galvani, 3 - 16154 Genova
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Tel. 0108179389 - 0108179460

GAS DETECTION SYSTEM

Date 07/09/21	Vessel Name M/N CERESIO	IMO No. N/A	CERT. 079/2021
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TECHNICAL DESCRIPTION

No	Text	Value
1	Manufacturer	Sensitron
2	System Typology	Conventional
3	Number of detection lines	3
4	Number of Hydrogen detectors	3
5	Protected spaces	Line 1: Battery Room 1 Line 2: Battery Room 2 Line 3: Battery Room 3

DESCRIPTION OF INSPECTION/TESTS

N.	Description	Carried out	Not carried out	Not applicable
1	Test of main power presence and fault	X		
2	Test of back up power presence and fault	X		
3	Switchover test between main and back up power	X		
4	Test of detectors activation	X		
5	Test of fault signaling	X		
6	Panel Alarms activation test	X		
7	Visual inspection that detectors are free of obstructions	X		
8	Test of correct signaling at the display panels (fault and alarm)	X		

NOTES:

VESSEL SIGNATURE AND STAMP

Società Navigazione
 Lago di Lugano SA
 Casella postale 570
 6003 Lugano 6 Svizzera

GENOVA FIRE SERVICE SRL

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 Via L. Galvani, 3 - 16154 Genova
 P.I. 02657900995
 Tel. 0108179389 - 0108179460

PRE-ENGINEERED NOVEC FIRE SUPPRESSION SYSTEM

Date 07/09/21	Vessel Name M/N CERESIO	IMO No. N/A	CERT. 075/2021
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TECHNICAL DESCRIPTION

No	Text	Value
1	Manufacturer	SEA FIRE EUROPE (NMD1000)
2	Number of main extinguishers	1
3	Main Extinguisher serial number	R-1001
4	Number of back up extinguishers	1
5	Back up Extinguisher serial number	R-1002
6	Extinguishers capacity	24.41 KG (each)
7	Extinguishers oldest pressure test	06/2020
8	Protected space(s)	BATTERY ROOM 2
9	Extinguishers activation	Manual Only

DESCRIPTION OF INSPECTION/TESTS

N.	Description	Carried out	Not carried out	Not applicable
1	Release controls and distribution valves secured to prevent accidental discharge	X		
2	Contents in cylinders checked by weight	X		
3	All cylinders valves visually inspected	X		
4	All cylinders clamps and connections checked for tightness	X		
5	Remote release systems visual inspection	X		
6	Remote release systems test	X		
7	Release stations visual inspection	X		
8	Release alarms test			X
9	Emergency Shutdown test			X
10	Pipes blowing through dry air			X
11	Dampers/Fans/Ventilators shutdown test			X
12	All instruction and warning signs on installation inspected	X		
13	Release controls reconnected and system put back in service		X	
14	Inspection date tags attached	X		

NOTES:

- The safety pin on the release bracket shall need to be removed to put the system in operative conditions.

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Casella postale 570
6906 Lugano 6 Svizzera


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PRE-ENGINEERED NOVEC FIRE SUPPRESSION SYSTEM

Date 07/09/21	Vessel Name M/N CERESIO	IMO No. N/A	CERT. 074/2021
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TECHNICAL DESCRIPTION

No	Text	Value
1	Manufacturer	SEA FIRE EUROPE (NMD850)
2	Number of main extinguishers	1
3	Main Extinguisher serial number	R-1000
4	Number of back up extinguishers	1
5	Back up Extinguisher serial number	R-1004
6	Extinguishers capacity	20.75 KG (each)
7	Extinguishers oldest pressure test	06/2020
8	Protected space(s)	BATTERY ROOM 1
9	Extinguishers activation	Manual Only

DESCRIPTION OF INSPECTION/TESTS

N.	Description	Carried out	Not carried out	Not applicable
1	Release controls and distribution valves secured to prevent accidental discharge	X		
2	Contents in cylinders checked by weight	X		
3	All cylinders valves visually inspected	X		
4	All cylinders clamps and connections checked for tightness	X		
5	Remote release systems visual inspection	X		
6	Remote release systems test	X		
7	Release stations visual inspection	X		
8	Release alarms test			X
9	Emergency Shutdown test			X
10	Pipes blowing through dry air			X
11	Dampers/Fans/Ventilators shutdown test			X
12	All instruction and warning signs on installation inspected	X		
13	Release controls reconnected and system put back in service		X	
14	Inspection date tags attached	X		

NOTES:

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Società Navigazione
 Lago di Lugano SA
 Casella postale 570
 6906 Lugano 6 Cassarate



GENOVA FIRE SERVICE SRL

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Via L. Galvani, 3 - 16154 Genova
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PRE-ENGINEERED NOVEC FIRE SUPPRESSION SYSTEM

Date 07/09/21	Vessel Name M/N CERESIO	IMO No. N/A	CERT. 076/2021
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TECHNICAL DESCRIPTION

No	Text	Value
1	Manufacturer	SEA FIRE EUROPE (NMD1150)
2	Number of main extinguishers	1
3	Main Extinguisher serial number	R-1005
4	Number of back up extinguishers	1
5	Back up Extinguisher serial number	R-1006
6	Extinguishers capacity	28.07 KG (each)
7	Extinguishers oldest pressure test	06/2020
8	Protected space(s)	BATTERY ROOM 3
9	Extinguishers activation	Manual Only

DESCRIPTION OF INSPECTION/TESTS

N.	Description	Carried out	Not carried out	Not applicable
1	Release controls and distribution valves secured to prevent accidental discharge	X		
2	Contents in cylinders checked by weight	X		
3	All cylinders valves visually inspected	X		
4	All cylinders clamps and connections checked for tightness	X		
5	Remote release systems visual inspection	X		
6	Remote release systems test	X		
7	Release stations visual inspection	X		
8	Release alarms test			X
9	Emergency Shutdown test			X
10	Pipes blowing through dry air			X
11	Dampers/Fans/Ventilators shutdown test			X
12	All instruction and warning signs on installation inspected	X		
13	Release controls reconnected and system put back in service		X	
14	Inspection date tags attached	X		

NOTES:

- The safety pin on the release bracket shall need to be removed to put the system in operative conditions.

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 Via L. Galvani, 3 - 16154 Genova
 P. 02657900995
 Tel. 010/8179389 - 010/81794