



U. S. Department of Homeland Security
United States Coast Guard
Certificate of Approval

Coast Guard Approval Number: 161.002/51/0

Expires: 08 April 2020

FIRE PROTECTIVE SYSTEM

AUTRONICA FIRE AND SECURITY AS
7483 TRONDHEIM
NORWAY

Autoprime BS-200M Interactive Fire Alarm System.

Consists of control panel, initiating devices, notification devices, and accessories identified in the Approved Component List specified below.

Identifying data: Installation Handbook, Autoprime Interactive Fire Detection System (AFS document reference: 116-P-APRIME-INSTALL/DBG, 2012-01-10); and Approved Component List dated 8 April 2015.

Test reports: FM Approvals Reports - Project ID. 3034449, Class: 3010 dated 21 September 2009; Project ID. 3008100, Class: 3010 dated 2 November 2001; Project ID. 3023568, Class: 3010, 311, 3150, 3260 dated 10 April 2006; Project № 0003051435, Class 3010 dated 20 June 2014; Project ID. 3034447, Class: 3210 dated 9 July 2008; and Project № 0003046915, Class 3260 dated 8 August 2014. Nemko Reports - № E07357.02 issued 2008-02-22; № E11081.01 issued 2011-05-23; and № E12211.01 dated 2012-11-16. DNV Reports - № 99-1491, Rev. 2 dated 2000.01.04; № 2000-1178, Rev. 2 dated 13.03.2000; № 2012-3023, Rev 1 dated 2012-01-23.

The system must be installed and configured in accordance with Subpart 161.002 and Subchapter J of Title 46 of the U.S. Code of Federal Regulations, and with the 1993 or later version of NFPA 72. This is in addition to any other requirements specific to the vessel and its route.

Supersedes and extends Certificate № 161.002/51/0 dated 12 February 2014 to reflect revised manual and modifications of components.

*** END ***

THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the undersigned satisfactory evidence that the item specified herein complies with the applicable laws and regulations as outlined on the reverse side of this Certificate, and approval is hereby given. This approval shall be in effect until the expiration date hereon unless sooner canceled or suspended by proper authority.



GIVEN UNDER MY HAND THIS 8th DAY OF
APRIL 2015, AT WASHINGTON D.C.

B. A. BALDWIN
Chief, Lifesaving and Fire Safety Division
BY DIRECTION OF THE COMMANDANT

TERMS: The approval of the item described on the face of the Certificate has been based upon the submittal of satisfactory evidence that the item complies with the applicable provisions of the navigation and shipping laws and the applicable regulations in Title 33 and/or Title 46 of the Code of Federal Regulations. The approval is subject to any conditions noted on this Certificate and in the applicable laws and regulations governing the use of the item on vessels subject to Coast Guard inspection or on other vessels and boats.

Consideration will be given to an extension of this approval provided application is made 3 months prior to the expiration date of this Certificate.

The approval holder is responsible for making sure that the required inspections or tests of materials or devices covered by this approval are carried out during production as prescribed in the applicable regulations.

The approval of the item covered by this certificate is valid only so long as the item is manufactured in conformance with the details of the approved drawings, specifications, or other data referred to. No modification in the approved design, construction, or materials is to be adopted until the modification has been presented for consideration by the Commandant and confirmation received that the proposed alteration is acceptable.

NOTICE: Where a manufacturer of safety-at-sea equipment is offering for sale to the maritime industry, directly or indirectly, equipment represented to be approved, which fails to conform with either the design details or material specifications, or both, as approved by the Coast Guard, immediate action may be taken to invoke the various penalties and sanctions provided by law including prosecution under 46 U.S.C. 3318, which provides:

"A person that knowingly manufactures, sells, offers for sale, or possesses with intent to sell, any equipment subject to this part (*Part B. of Subtitle II of Title 46 U.S.C.*) and the equipment is so defective as to be insufficient to accomplish the purpose for which it is intended, shall be fined not more than \$10,000, imprisoned for not more than 5 years or both."

**Autroprime BS-200M
USCG approval**

Approved component list:

No	Product code	Product description	Product specification file	Suitable for areas requiring extra protection (See note 1)
1	BS-200M	Fire alarm control panel	bs200m_cgb.pdf	<div style="border: 2px solid red; padding: 5px;"> <p style="text-align: center; color: red; font-weight: bold; margin: 0;">APPROVED</p> <p style="text-align: center; color: red; font-size: small; margin: 0;">Subject to conditions in Commandant (CG-ENG-4) approval certificate</p> <div style="border: 1px solid red; padding: 2px; margin: 5px auto; width: fit-content;"> <p style="text-align: center; color: red; font-size: x-small; margin: 0;">№ 161.002/51/0 dated April 8, 2015</p> </div> <p style="text-align: center; color: blue; font-style: italic; margin: 5px auto; width: 100px;">B. J. Zeld</p> <p style="text-align: center; color: red; font-size: x-small; margin: 0;">Chief, Lifesaving and Fire Safety Division By direction of the Commandant, USCG</p> </div>
2	BS-210	Operator panel (integrated/remote)	bs200m_cgb.pdf	
3	BU-210	Fire brigade panel	bu210_cgb.pdf	
4	BV-210	Information panel	bv210_cgb.pdf	
5	BUR-200	Mimic driver	bur200_cgb.pdf	
6	BUR-200M	Mimic driver cabinet maritime	bur200m_cgb.pdf	
7	BD-200	Heat detector	bd200_cgb.pdf	
8	BD-200M	Heat detector, IP 56	bd200m_cgb.pdf	
9	BD-300	Heat detector w/SelfVerify	bd300_cgb.pdf	yes
10	BD-500	Heat detector, environm. protection	bd500_cgb.pdf	yes
11	BD-500/N	EX-variant, Zone 2	bd500_cgb.pdf	yes
12	BD-500/EX	EX-variant, Zone 0 and Zone 1	bd500ex_cgb.pdf	yes
13	BD-501	Heat detector w/SelfVerify, IP 56	bd501_cgb.pdf	yes
14	BD-501/N	EX-variant, Zone 2	bd501_cgb.pdf	yes

Note 1. Components suitable for installation in locations requiring an exceptional degree of protection satisfy the requirement of 46 CFR 161.002-4(b)(4). These locations are exposed to weather, seas, splashing, pressure-directed liquids, or similar moisture conditions. These locations include--

- (1) On deck;
- (2) A machinery space;
- (3) A cargo space;
- (4) A location within a galley or pantry area, laundry, or water closet which contains a shower or bath; and
- (5) Other spaces with similar environmental conditions

Approved component list dated 8 April 2015

No	Product code	Product description	Product specification file	Suitable for areas requiring extra protection (See note 1)
15	BD-501/EX	EX-variant, Zone 0 and Zone 1	bd501ex_cgb.pdf	yes
16	BH-200	Optical smoke det.	bh200_cgb.pdf	yes
17	BH-300	Optical smoke det. w/SelfVerify	bh300_cgb.pdf	yes
18	BH-500	Optical smoke det., environm. prot.	bh500_cgb.pdf	yes
19	BH-500/S	High sensitivity variant	bh500s_cgb.pdf	
20	BH-500/N	EX-variant, Zone 2	bh500_cgb.pdf	yes
21	BH-500/EX	EX-variant, Zone 0 and Zone 1	bh500ex.pdf	yes
22	BH-220	Multisensor, optical smoke and heat	bh220_cgb.pdf	yes
23	BH-320	Multisensor w/SelfVerify	bh320_cgb.pdf	yes
24	BH-520	Multisensor, environm. Protection	bh520_cgb.pdf	yes
25	BH-520/N	EX-variant, Zone 2	bh520_cgb.pdf	yes
26	BH-520/EX	EX-variant, Zone 0 and Zone 1	bh520ex_cgb.pdf	yes
27	BF-300	Manual Call Point w/SelfVerify	bf300_cgb.pdf	yes
28	BF-300V2		bf300v2_cgb.pdf	yes
29	BF-300M	Metal encapsulation, cable glands	bf300m_cgb.pdf	yes
30	BF-510WP-H		bf510wph_cgb.pdf	yes

APPROVED
 Used in locations in
 Commandant's USCG approval certificate
 (See note 1)

No. 161.002/51/0
 dated April 8, 2015

B. J. Beld

Chief, Lifesaving and Fire Safety Division
 By direction of the Commandant, USCG

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No	Product code	Product description	Product specification file	Suitable for areas requiring extra protection (See note 1)
31	BF-300M/N	EX-variant, Zone 2	bf300m_cgb.pdf	yes
32	BF-500/N	EX-variant, Zone 2	bf300_cgb.pdf	yes
33	BF-500/EX	EX-variant, Zone 0 and Zone 1	bf500ex_cgb	
34	BF-500V2/EX		bf500v2ex_cgb	
35	BF-501	Manual Call Point, IP 66	bf501_cgb.pdf	
36	BF-501/N	EX-variant, Zone 2	bf501_cgb.pdf	
37	BF-501/EX	EX-variant, Zone 0 and Zone 1	bf501ex_cgb.pdf	
38	BF-502	Manual Call Point, IP 66	bf502_cgb.pdf	
39	BF-502/N	EX-variant, Zone 2	bf502_cgb.pdf	yes
40	BF-502/EX	EX-variant, Zone 0 and Zone 1	bf502ex_cgb.pdf	yes
41	BZ-500	EX-barrier unit, Zone 0 and Zone 1	bz500_cgb.pdf	
42	BN-201	Monitoring input unit	bn201_cgb.pdf	
43	BN-300	Input unit with SelfVerify	bn300_cgb.pdf	yes
44	BN-310	Single relay output unit	bn310_cgb.pdf	yes
45	BN-320	Interface unit with SelfVerify	bn320_cgb.pdf	yes
46	BN-320/2	Door control unit	bn3202_cgb.pdf	yes
47	BN-320/4	Monitoring and control unit	bn3204_cgb.pdf	yes

APPROVED
 yes
 Subject to conditions in
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B. Beld
 Chief, Lifesaving and Fire Safety Division
 By direction of the Commandant, USCG


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No	Product code	Product description	Product specification file	Suitable for areas requiring extra protection (See note 1)
48	BN-320/5	Sprinkler control unit	bn3205_cgb.pdf	yes
49	BBR-200	Loop siren	bbr200_ce.pdf	yes
50	BWA-100	Detector base	detector data sheets	
51	BWP-100/20	Conduit box M20 for BWA-100	bwp100_cgb.pdf	
52	MT-12/24-R	FENWAL Horn		
53	MTWP-2475W-FR	FENWAL Horn/Strobe		
54	BG-201	Flame detector	116-P-BG201/CGB 2012-10-10	yes

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 By direction of the Commandant, USCG

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