BLUE GUARD™ INNOVATIONS

BGI Config App

QUICK START GUIDE

Note: System test, device name, and mode changes are only allowed within the first (1) minute upon power up.

"+" Scan for Devices via Bluetooth

List of Devices
- ▪ Connected
- ▪ Not Connected

Current Active Mode (BG-One, BG-Oil)

Device Status

Screen 1: BG-One_Bilge1

‹ Devices   BG-One_Bilge1   Edit

Mode A (Marina) ⚙

🌡 **22 °C / 71 °F**
Temperature

⚡ **12.2 Vdc / 0.0 A**

SET MODE:

Mode A (Marina)

Mode B (Marine Sanctuary)

Standard Mode (High Seas)

System Test

HELP

Cancel

⚙ **Change Active Mode** (BG-One)

Set Mode (BG-One)
Mode A (Marina) — Turns pump ON when water is detected → Turns pump OFF when oil or fuel is detected → Turns pump back ON when only water is detected

Mode B (Marine Sanctuary) — Stays OFF until alarm and bilge is cleared (Requires power cycling of device)

Standard Mode (High Seas) — Bilge pump switch only (Will turn ON or OFF for any liquid)

System Test — Activates pump and alarm outputs for 3 seconds

Screen 2: BG-Oil_Bilge3

‹ Devices   BG-Oil_Bilge3   Edit

Standard Alarm Mode ⚙

🌡 **25 °C / 77 °F**
Temperature

⚡ **15.3 Vdc**
Voltage

SET MODE:

Latch Alarm Mode

Standard Alarm Mode

System Test

HELP

Cancel

⚙ **Change Active Mode** (BG-Oil)

Set Mode (BG-Oil)
Latch Alarm Mode — Alarm stays ON when oil is detected, until manual reset or power cycling of device

Standard Alarm Mode — Alarm turns ON when oil is detected → Alarm turns OFF when oil is no longer detected

System Test — Activates alarm output for 3 seconds

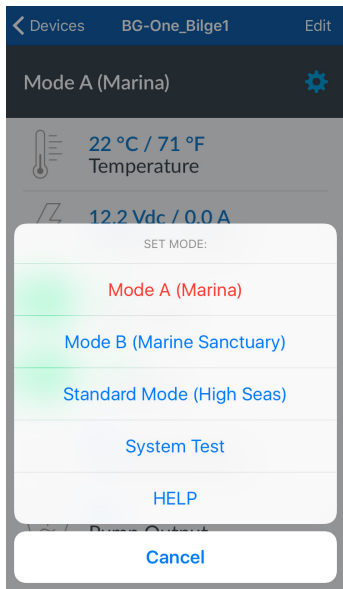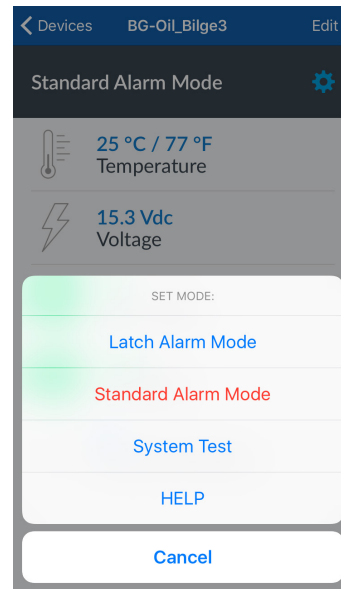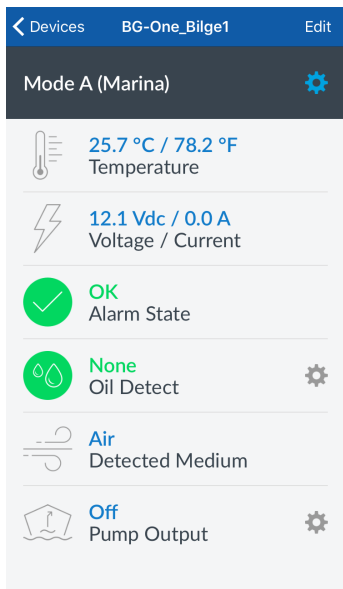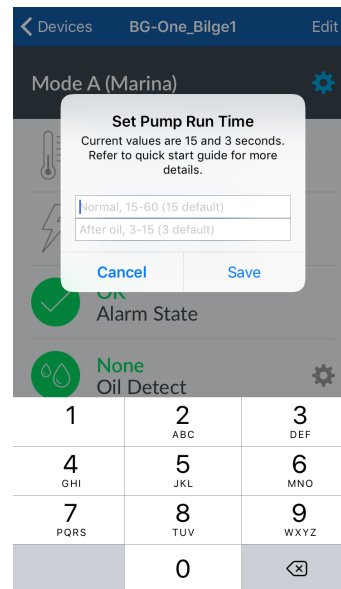## Screen 3: BG-One_Bilge1

‹ Devices   BG-One_Bilge1   Edit

Mode A (Marina) ⚙

🌡 **25.7 °C / 78.2 °F**
Temperature

⚡ **12.1 Vdc / 0.0 A**
Voltage / Current

✅ **OK**
Alarm State

None
Oil Detect ⚙

Air
Detected Medium

Off
Pump Output ⚙

⚙ **Set Oil Detection Sensitivity**
Low, Medium, High (BG-One, BG-Oil)

⚙ **Set Switch Pump Run Time**
(BG-One, BG-SWA, BG-SW, BG-SP)

Screen 4: BG-One_Bilge1

‹ Devices   BG-One_Bilge1   Edit

Mode A (Marina) ⚙

Set Pump Run Time
Current values are 15 and 3 seconds.
Refer to quick start guide for more details.

Normal, 15-60 (15 default)
After oil, 3-15 (3 default)

Cancel   Save

✅ **OK**
Alarm State

None
Oil Detect ⚙

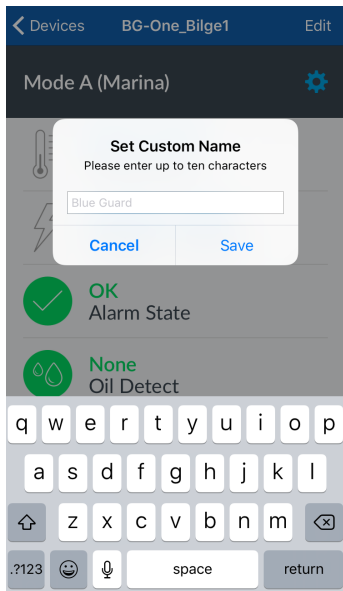| 1 | 2 ABC | 3 DEF |
4 GHI	5 JKL	6 MNO
7 PQRS	8 TUV	9 WXYZ
	0	⌫

Set Switch Pump Run Time*
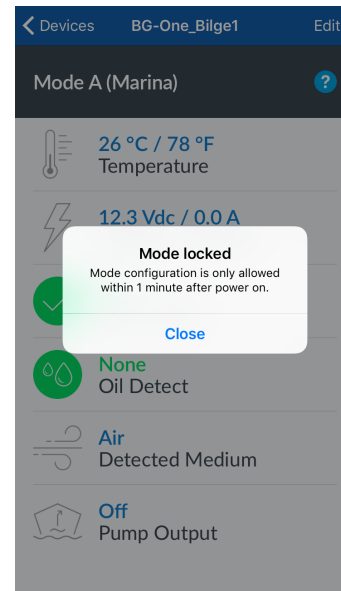(BG-One, BG-SWA, BG-SW, BG-SP)
After Water Detection Event (Normal) — Set pump run time (15-60 seconds). Factory default is 15 seconds

After Oil Detection Event — Set pump run time after oil detection (3-15 seconds). Factory default is 3 seconds (BG-One Only)
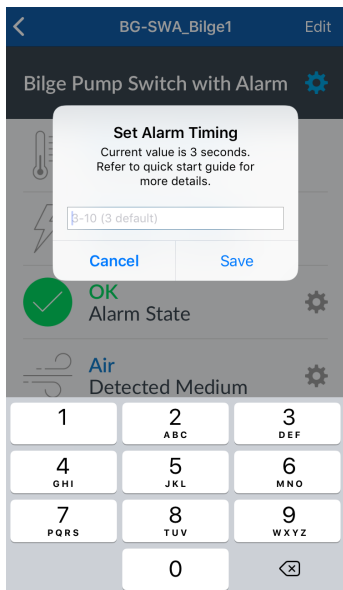
*After water is detected or water is detected for five seconds after oil is detected, the pump will be activated. The pump timer set above will start when the sensor detects air during pump activation. As long as the BG-One is sensing water, the switch/pump will be on.

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"Edit" Set Custom Name (Up to 10 Characters)

Set Custom Name
Please enter up to ten characters

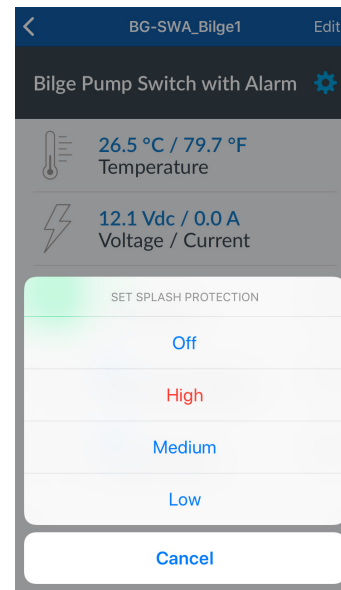Blue Guard

Cancel   Save

OK
Alarm State

None
Oil Detect

Edit Locked Locks after 1 minute (Requires power cycling of device to unlock)

Mode Locked Locks after 1 minute (Requires power cycling of device to unlock)

Devices   BG-One_Bilge1   Edit

Mode A (Marina)

26 °C / 78 °F
Temperature

12.3 Vdc / 0.0 A

Mode locked
Mode configuration is only allowed within 1 minute after power on.

Close

None
Oil Detect

Air
Detected Medium

Off
Pump Output

BG-SWA_Bilge1   Edit

Bilge Pump Switch with Alarm

Set Alarm Timing
Current value is 3 seconds.
Refer to quick start guide for more details.

3-10 (3 default)

Cancel   Save

OK
Alarm State

Air
Detected Medium

⚙ **Set Alarm Timing*** 3-10 seconds (BG-SWA)

*If the sensor continues to see water while the pump is on for the set alarm time, the high water alarm will activate. Factory default is 3 seconds.

BG-SWA_Bilge1   Edit

Bilge Pump Switch with Alarm

26.5 °C / 79.7 °F
Temperature

12.1 Vdc / 0.0 A
Voltage / Current

SET SPLASH PROTECTION

Off

High

Medium

Low

Cancel

Set Splash Protection (BG-SWA, BG-SP)
Off, Low, Medium, High

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