SIEMENS

MK8000 OPC Server Interface

Specification for FC20 Panel

Building Technologies
Fire Safety & Security Products

Model V01.05 - FC20: Added new "non standard template zone" objects

Summary view

FC20 Panel Model

FC20	Obj. Name: FIDEAPMN	NT ID: 1
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Evac Uni Control	Obj. Name: BSCOEVSI	NT ID: 73
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FC20 - (FIDEAPMN)

FC20 Panel.
The Panel represents an entire FS20 host (panel or terminal) with respect to the process information. Also, a BACnet Device object is associated so that each host can be addressed as an individual node in the BACnet inter-network.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
1000 Quiet												✓
The subsystem is reacheable. No abnormal conditions present.												
1351 Anomaly Ack												✓
The panel has evaluated one of the following system info: bootCompleted, Factory Reset, MCLinkEnabled, PreconfigLoaded, AnalyzerEnabled, remoteAccessEnabled, TimeLost, TimeMasterUnreachable.The event has been acknowledged.												
1352 Anomaly Unack	✓											✓
The panel has evaluated one of the following system info: bootCompleted, Factory Reset, MCLinkEnabled, PreconfigLoaded, AnalyzerEnabled, remoteAccessEnabled, TimeLost, TimeMasterUnreachable.The event should now be acknowledged by the operator.												
1369 Not Aligned												
The control unit is not aligned with the field.												
1370 Alignment In Progress												✓
The alignment is in progress.												
1999 Fault Ack												✓
Panel is faulty. The event has been acknowledged.												
2000 Fault Unack	✓											✓
Panel is faulty. The event should now be acknowledged by the operator.												
2051 Vitality Fault												
Missing vitality message (heartbeat): trouble in the communication link.												

Module Power Supply - (HWNOPSGE)

Power Supply Module.
The Module is a pluggable part of an FS20 host. It can be sub-divided into submodules. Among the Modules, the Power Supply Module has a specific designation.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1351 Anomaly Ack

The module is found newly in the system. The event has been acknowledged.

1352 Anomaly Unack ✓

The module is found newly in the system. The event should now be acknowledged by the operator.

1999 Fault Ack

The module is in fault. The event has been acknowledged.

2000 Fault Unack ✓

The module is in fault. The event should now be acknowledged by the operator.

Module Evacuation - (HWCOEVEL)

Evacuation Module.
The Module is a pluggable part of an FS20 host. It can be sub-divided into submodules. Among the Modules, the Evacuation Module has a specific designation.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1351 Anomaly Ack

The module is found newly in the system. The event has been acknowledged.

1352 Anomaly Unack ✓

The module is found newly in the system. The event should now be acknowledged by the operator.

1999 Fault Ack

The module is in fault. The event has been acknowledged.

2000 Fault Unack ✓

The module is in fault. The event should now be acknowledged by the operator.

Module Fba - (HWCOICAX)

I/O module for peripherals.
The Module is a pluggable part of an FS20 host. It can be sub-divided into submodules. Among the Modules, the Fba I/O Module has a specific designation.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1351 Anomaly Ack

The module is found newly in the system. The event has been acknowledged.

1352 Anomaly Unack ✓

The module is found newly in the system. The event should now be acknowledged by the operator.

1999 Fault Ack

The module is in fault. The event has been acknowledged.

2000 Fault Unack ✓

The module is in fault. The event should now be acknowledged by the operator.

Module I/O - (HWCOICMN)

General I/O control module.
The Module is a pluggable part of an FS20 host. It can be sub-divided into submodules. Among the Modules, the I/O Module has a specific designation.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1351 Anomaly Ack

The module is found newly in the system. The event has been acknowledged.

1352 Anomaly Unack ✓

The module is found newly in the system. The event should now be acknowledged by the operator.

1999 Fault Ack

The module is in fault. The event has been acknowledged.

2000 Fault Unack ✓

The module is in fault. The event should now be acknowledged by the operator.

Module Vds - (HWVDICAX)

I/O Module for VdS peripherals.
The Module is a pluggable part of an FS20 host. It can be sub-divided into submodules. Among the Modules, the I/O Module for VdS has a specific designation.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1351 Anomaly Ack

The module is found newly in the system. The event has been acknowledged.

1352 Anomaly Unack ✓

The module is found newly in the system. The event should now be acknowledged by the operator.

1999 Fault Ack

The module is in fault.The event has been acknowledged.

2000 Fault Unack ✓

The module is in fault. The event should now be acknowledged by the operator.

Module P2 - (HWCODCMN)

P2 Field Bus Module.
The Module is a pluggable part of an FS20 host. It can be sub-divided into submodules. Among the Modules, the P2 module has a specific designation.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1351 Anomaly Ack

The module is found newly in the system. The event has been acknowledged.

1352 Anomaly Unack ✓

The module is found newly in the system. The event should now be acknowledged by the operator.

1999 Fault Ack

The module is in fault. The event has been acknowledged.

2000 Fault Unack ✓

The module is in fault. The event should now be acknowledged by the operator.

Module FCI - (HWCOPDMN)

FCI Periphery Board Module.
The Module is a pluggable part of an FS20 host. It can be sub-divided into Submodules. Among the Modules, the FCI module has a specific designation.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1351 Anomaly Ack

The module is found newly in the system. The event has been acknowledged.

1352 Anomaly Unack ✓

The module is found newly in the system. The event should now be acknowledged by the operator.

1999 Fault Ack

The module is in fault.The event has been acknowledged.

2000 Fault Unack ✓

The module is in fault.The event should now be acknowledged by the operator.

Submodule P2 Element - (HWCODCEL)

P2 Element Submodule.
The Submodule is a functional part of a Module. In general, Submodules just evaluate a fault, but the the Line Submodule may also evaluate alarms. This object represents a P2 field bus.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓			✓								
This line has evaluated a collective automatic fire alarm.The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓		✓								
This line has evaluated a collective automatic fire alarm. The event should now be reset by the operator.													
510	Alarm & Fault Unack	✓			✓								
This event is the combination of a collective automatic fire Alarm and a Fault state. The event should now be acknowledged by the operator													
511	Alarm & Fault Ack				✓								
This event is the combination of a collective automatic fire Alarm and a Fault state. The event has been acknowledged.													
512	Alarm & Fault Unreset		✓		✓								
This event is the combination of a collective automatic fire Alarm and a Fault state.The event should now be reset by the operator.													
1000	Quiet				✓								
No abnormal conditions present.													
1300	Disarmed			✓									
The module is excluded.													
1351	Anomaly Ack				✓								
This line has evaluated an abnormal condition. The event has been acknowledged.													
1352	Anomaly Unack	✓			✓								
This line has evaluated an abnormal condition. The event should now be acknowledged by the operator.													

1999	Fault Ack		✓

This line evaluates one fault.The event has been acknowledged.

2000	Fault Unack	✓	✓

This line evaluates a fault.The event should now be acknowledged by the operator.

Submodule Communication Element - (HWCMLIGE)

Communication Element Submodule.
The Submodule is a functional part of a Module meant for evaluating faults.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
1000 Quiet												
1999 Fault Ack												
2000 Fault Unack	✓											

No abnormal conditions present.

The sub-module evaluates a fault.The event has been acknowledged.

The sub-module evaluates a fault.The event should now be acknowledged by the operator.

Submodule Degrade Element - (HWCODGEL)

Degrade Element Submodule.
The Submodule is a functional part of a Module. In general, Submodules just evaluate a fault, but the Degrade Submodule may also evaluate alarms.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓											

The Degrade Submodule has evaluated a degrade fire alarm.The event should now be acknowledged by the operator.

502	Alarm Unreset		✓										

The Degrade Submodule has evaluated a degrade fire alarm. The event should now be reset by the operator.

510	Alarm & Fault Unack	✓											

This event is the combination of a degrade fire Alarm and a module-Fault state. The event should now be acknowledged by the operator

511	Alarm & Fault Ack												

This event is the combination of a degrade fire Alarm and a module-Fault state. The event has been acknowledged.

512	Alarm & Fault Unreset		✓										

This event is the combination of a degrade fire Alarm and a module-Fault state.The event should now be reset by the operator.

1000	Quiet												

No abnormal conditions present.

1351	Anomaly Ack												

The module has evaluate a anomaly condition. (configuration, degrade)
The event has been acknowledged.

1352	Anomaly Unack	✓											

The module has evaluate a anomaly condition. (configuration, degrade)
The event should now be acknowledged by the operator.

1999 Fault Ack

The sub-module evaluates a fault out of : faultSystem-Module, ModuleMissing, ModuleIncompatible.The event has been acknowledged.

2000 Fault Unack ✓

The sub-module evaluates a fault out of : faultSystem-Module, ModuleMissing, ModuleIncompatible. The event should now be acknowledged by the operator.

Submodule License Element - (HWCOLCEL)

License Element Submodule.
The Submodule is a functional part of a Module meant for evaluating faults.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1999 Fault Ack

The sub-module evaluates a fault out of: faultSytemModule, ModuleMissing, ModuleIncompatible. The event has been acknowledged.

2000 Fault Unack ✓

The sub-module evaluates a fault out of: faultSytemModule, ModuleMissing, ModuleIncompatible. The event should now be acknowledged by the operator.

Device Generic - (HWCODEPH)

Generic Device.
The Device represents a peripheral unit on the field bus and consists of Physical Channels. The evaluation of process-relevant information is delegated to the Detection or Control Domain, except the line separator and wireless gateway device.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1351 Anomaly Ack

The device evaluates any of these system-info: DeviceShortCircuitLoop, DeviceOpenLoop. The event has been acknowledged.

1352 Anomaly Unack ✓

The device evaluates any of these system-info: DeviceShortCircuitLoop, DeviceOpenLoop. The event should now be acknowledged by the operator.

1999 Fault Ack

The object is in fault. The event has been acknowledged.

2000 Fault Unack ✓

The object is in fault. The event should now be acknowledged by the operator.

Physical Channel - (HWDEDCPH)

Physical Channel.
The Physical Channels are used in the physical domain only. Other Channels are specifically used in the control domain. Physical Channels are typically linked to Logical Channels where the process information is evaluated. However, some specific Channels do process this information themselves.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓											
The object has detect an alarm condition. The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓										
The FSD physical channel has evaluated an alarm indicating a tamper attempt. The event should now be reset by the operator.													
510	Alarm & Fault Unack	✓											
This event is the combination of a tamper attempt Alarm and a Fault state. The event should now be acknowledged by the operator													
511	Alarm & Fault Ack												
This event is the combination of a tamper attemp Alarm and a Fault state. The event has been acknowledged.													
512	Alarm & Fault Unreset		✓										
This event is the combination of a tamper attempt Alarm and a Fault state. The event should now be reset by the operator.													
950	Active												
The FSD Physical channel has evaluated any of the following technical states: FsdReleased, FsdOpen.													
1000	Quiet												
No abnormal conditions present.													
1351	Anomaly Ack												
The object has detect an anomaly condition. The event has been acknowledged.													
1352	Anomaly Unack	✓											
The object has detect an anomaly condition. The event should now be acknowledged by the operator.													

1999	Fault Ack	

The physical channel is in fault. The event has been acknowledged.

2000	Fault Unack	✓

The physical channel is in fault. The event should now be acknowledged by the operator.

PrinterConfiguration - (HWNOPRGE)

Printer Configuration Element.
A Config element is a member of the operation tree and is mainly used for the configuration of country-specific operations and view peripherals. Also, some process states can be evaluated and some operation modes are possible. This object represents a printer connected to the panel.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
1000	Quiet				✓								
No abnormal conditions present.													
1300	Disarmed			✓									
The printer is switched off.													
1999	Fault Ack				✓								
The printer is not working properly (e.g. paper out, priner buffer overflow, and so on ..) The event has been acknowledged.													
2000	Fault Unack	✓			✓								
The printer is not working properly (e.g. paper out, priner buffer overflow, and so on ..) The event should now be acknowledged by the operator.													

ConfigEvacElem - (HWNOEVCF)

Evacuation Config Element. A Config element is a member of the operation tree and is mainly used for the configuration of country-specific operations and view peripherals. Also, some process states can be evaluated and some operation modes are possible. This object represent a Config Evac Master or Slave Element.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
1000 Quiet												
No abnormal conditions present.												
1999 Fault Ack												
The element is in fault. The event has been acknowledged.												
2000 Fault Unack	✓											
The element is in fault. The event should now be acknowledged by the operator.												

GenericConfigurationElem - (HWNONOCF)

Generic Configuration Element.
A Config element is a member of the operation tree and is mainly used for the configuration of country-specific operations and view peripherals. Also, some process states can be evaluated and some operation modes are possible.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
1000 Quiet												
1351 Anomaly Ack												
1352 Anomaly Unack	✓											
1999 Fault Ack												
2000 Fault Unack	✓											

1000 Quiet

No abnormal conditions present.

1351 Anomaly Ack

The object has detect an anomaly condition. The event has been acknowledged.

1352 Anomaly Unack ✓

The object has detect an anomaly condition. The event should now be acknowledged by the operator.

1999 Fault Ack

The element is in fault. The event has been acknowledged.

2000 Fault Unack ✓

The element is in fault. The event should now be acknowledged by the operator.

UgaConfigurationElem - (HWNOUACF)

UGA Configuration Element.
The Control Uga is a special application element which is attached to the ControlUgaElem. Despite its name, it has nothing to do with any control tree and is therefore not a member of the control domain. The element evaluates some fault conditions

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
1000 Quiet												
1999 Fault Ack												
2000 Fault Unack	✓											

No abnormal conditions present.

This UGA config has evaluated a fault of: mains failure, battery failure, earthFault. The event has been acknowledged.

This UGA config has evaluated a fault of: mains failure, battery failure, earthFault. The event should now be acknowledged by the operator.

ControlUgaElem - (HWNOUAEL)

This Control Uga is a special application element that is attached to the ControlUgaElem. Despite its name, it has nothing to do with any control tree and is therefore not a member of the control domain.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active				✓			✓					
The UGA Control is activated in normal mode.													
1000	Quiet				✓		✓						
No abnormal conditions present.													
1300	Disarmed			✓			✓						
The control UGA is switched off or the automatic evacuation is disabled.													
1351	Anomaly Ack				✓		✓						
The object has detect an anomaly condition. The event has been acknowledged.													
1352	Anomaly Unack	✓			✓		✓						
The object has detect an anomaly condition. The event should now be acknowledged by the operator.													
1999	Fault Ack				✓		✓						
The Control UGA is in fault. The event has been acknowledged.													
2000	Fault Unack	✓			✓		✓						
The Control UGA is in fault. The event should now be acknowledged by the operator.													

Area - (FIDEARRO)

Fire Area.
The Area usually controls the alarm organization (manned/unmanned), but it might also be configured to stay in manned or unmanned mode. Further, it provides the same functionality like Sections for switching associated zones (on, off, test etc.)

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
1000	Quiet				✓								

The Area is in Night mode. No abnormal conditions present.

1100	Test				✓			✓					

All sections are in test mode.

1300	Disarmed			✓									

The Area is in Day mode or all sections are excluded.
Note: some early FC20 versions may handle the Day mode erroneously and report an Anomaly condition (see 1351) when Day mode is set.

1351	Anomaly Ack												

Some area functionalities are switched off or delayed. The event has been acknowledged.

Section - (FIDESEGE)

Fire Section.
The Section can be used to operate a collection of Zones together in a safe and easy way. It provides the functionality for switching to: on, off, fast and test.
Note that this is an optional structure, and the same functions could also be performed at Area level.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
1000	Quiet				✓								
The section is included.													
1100	Test				✓			✓					
All zones belonging to the section are in test mode.													
1300	Disarmed			✓		✓							
All zones belonging to the section are excluded.													

Automatic Zone - (FIDEZOAU)

Zone related to automatic detection.
The Zone is a required element (e.g. EN54-2 regulations) that handles the raw alarm information coming from one or more detectors. Also, it supports several operating modes influencing the sensitivity of the attached detectors. Different kinds of Zones have to be used according the desired purpose.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓			✓								
The zone is in Alarm. The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓		✓								
The zone is in alarm. The event should now be reset by the operator.													
800	Prealarm Unack	✓			✓								
The zone is in Pre-Alarm. The event should now be acknowledged by the operator.													
801	Prealarm Ack				✓								
The zone is in Pre-Alarm. The event has been acknowledged.													
1000	Quiet				✓	✓							
The zone is included.													
1100	Test				✓			✓					
The zone is in Test mode.													
1300	Disarmed			✓		✓							
The zone is excluded.													
1351	Anomaly Ack			✓	✓	✓							
One of the following conditions could be active: Not Ready, Fast mode, Slow mode, Info Reminder-expired, Criteria fallback. The event has been acknowledged.													

1352	Anomaly Unack	✓	✓	✓	✓

The event should now be acknowledged by the operator.

Sprinkler Zone - (FIDEZOSP)

Zone related to sprinklers.
The Zone is a required element (e.g. EN54-2 regulations) that handles the raw alarm information coming from one or more detectors. Also, it supports several operating modes influencing the sensitivity of the attached detectors. Different kinds of Zones have to be used according the desired purpose.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓			✓								
The object has detect an alarm condition. The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓		✓								
The object has detect an alarm condition. The event should now be reset by the operator.													
950	Active				✓	✓							
The zone is active.													
1000	Quiet				✓	✓							
No abnormal conditions present.													
1100	Test				✓			✓					
The zone is in test mode.													
1300	Disarmed			✓		✓							
The zone is excluded													
1351	Anomaly Ack				✓	✓							
One of the following conditions could be active: Not Ready, Info Reminder-expired, Criteria fallback. The event has been acknowledged.													
1352	Anomaly Unack	✓			✓	✓							
One of the following condition could be active: Not Ready, Info Reminder-expired, Criteria fallback. The event has been acknowledged.													

Manual FSE Zone - (FIDEZOZE)

Zone related to Fire brigade key releasing units (Freischalt-Element).
The Zone is a required element (e.g. EN54-2 regulations) that handles the raw alarm information coming from one or more detectors. Also, it supports several operating modes influencing the sensitivity of the attached detectors. Different kinds of Zones have to be used according the desired purpose.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓			✓								
The object is in Alarm. The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓		✓								
The object is in Alarm. The event should now be reset by the operator.													
1000	Quiet				✓	✓							
The object is in Included. No abnormal conditions present.													
1100	Test				✓			✓					
The object is in Test mode.													
1300	Disarmed			✓		✓							
The object is in Excluded.													
1351	Anomaly Ack				✓	✓							
One of the following conditions could be active: Info Reminder-expired, Criteria fallback.													
1352	Anomaly Unack	✓			✓	✓							
One of the following conditions could be active: Info Reminder-expired, Criteria fallback.													

Manual Zone - (FIDEZOMA)

Zone related to manual alarm callpoints.
The Zone is a required element (e.g. EN54-2 regulations) that handles the raw alarm information coming from one or more detectors. Also, it supports several operating modes influencing the sensitivity of the attached detectors. Different kinds of Zones have to be used according the desired purpose.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓			✓								
The object has detect an alarm condition. The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓		✓								
The object has detect an alarm condition. The event should now be reset by the operator.													
1000	Quiet				✓	✓							
No abnormal conditions present.													
1100	Test				✓			✓					
The zone is in test mode.													
1300	Disarmed			✓		✓							
The zone is excluded.													
1351	Anomaly Ack				✓	✓							
One of the following conditions could be active: Not Ready, Fast mode, Slow mode, Info Reminder-expired, Criteria fallback. The event has been acknowledged.													
1352	Anomaly Unack	✓			✓	✓							
One of the following conditions could be active: Not Ready, Fast mode, Slow mode, Info Reminder-expired, Criteria fallback. The event should now be acknowledged by the operator.													

Technical Zone - (BSCOZOGE)

Zone related to technical alarms.
The Zone is a required element (e.g. EN54-2 regulations) that handles the raw alarm information coming from one or more detectors. Also, it supports several operating modes influencing the sensitivity of the attached detectors. Different kinds of Zones have to be used according the desired purpose.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓			✓								
The zone evluates an alarm. The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓		✓								
The zone evaluates an alarm. The event should now be reset by the operator.													
510	Alarm & Fault Unack	✓			✓								
This event is the combination of the Alarm and Fault state. The event should now be acknowledged by the operator													
511	Alarm & Fault Ack				✓								
This event is the combination of the Alarm and Fault state. The event has been acknowledged.													
512	Alarm & Fault Unreset		✓		✓								
This event is the combination of the Alarm and Fault state. The event should now be reset by the operator.													
946	Active Unack	✓			✓	✓							
The technical zone evaluates a technical alarm. The event should now be acknowledged by the operator.													
948	Active Unreset		✓		✓	✓							
The technical zone evaluates a technical alarm. The event should now be reset by the operator.													
950	Active				✓	✓							
The technical zone evaluates a technical alarm.													
1000	Quiet				✓	✓							
No abnormal conditions present.													

1100	Test			✓		✓	

The zone is in test mode.

1300	Disarmed		✓		✓		

The zone is execluded.

1351	Anomaly Ack			✓	✓		

One of the following conditions could be active:
Not Ready, Fast mode, Info Reminder-expired, Criteria fallback.
The event has been acknowledged.

1352	Anomaly Unack	✓		✓	✓		

One of the following conditions could be active:
Not Ready, Fast mode, Slow mode, Info Reminder-expired, Criteria fallback.
The event should now be acknowledged by the operator.

1998	Fault Unreset		✓	✓	✓		

The zone evaluates a fault. The event should now be reset by the operator.

1999	Fault Ack			✓	✓		

The zone evaluates a fault. The event has been acknowledged.

Input channel - (BSDEINEL)

Logical Input Channel.
The Logical Channels are exclusively used in the logical domain. Specific Sensor Channels handle the information of different kind from detection devices and a Logical Input is used for technical alarms coming from other systems.
Logical Channels are configured as all other elements in the detection tree and then linked to Physical Channels during commissioning.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active				✓								
The channel of a detector is activated in normal mode.													
1000	Quiet				✓								
No abnormal conditions present.													
1100	Test				✓								
The logical channel is in test mode.													
1140	Test-Active				✓								
The channel of a detector is activated in detector test mode (test activation).													
1300	Disarmed			✓									
The channel of a detector is switched off providing neither activation nor fault information.													
1351	Anomaly Ack				✓								
The logical input is in an abnormal condition. The event has been acknowledged.													
1352	Anomaly Unack	✓			✓								
The logical input is in an abnormal condition. The event should now be acknowledged by the operator.													
1999	Fault Ack				✓								
The channel of a detector is not working correctly. The event has been acknowledged.													
2000	Fault Unack	✓			✓								
The channel of a detector is not working correctly. The event should now be acknowledged by the operator.													

Wired Automatic channel - (FIDEDEGE)

Wired sensors logical channel.
The Logical Channels are exclusively used in the logical domain. Specific Sensor Channels handle the information of different kind from detection devices and a Logical Input is used for technical alarms coming from other systems.
Logical Channels are configured as all other elements in the detection tree and then linked to Physical Channels during commissioning.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active				✓								
The detector is active.													
1000	Quiet				✓								
The detector is included. No abnormal conditions present.													
1100	Test				✓								
The detector is in test mode.													
1140	Test-Active				✓								
The detector is in test active mode.													
1300	Disarmed			✓									
The detector is excluded.													
1351	Anomaly Ack				✓								
The automatic sensor channel evaluates one of the following anomalies: deviceOpenLoop, deviceShortCircuitLoop, drift. The event has been acknowledged.													
1352	Anomaly Unack	✓			✓								
The automatic sensor channel evaluates one of the following anomalies: deviceOpenLoop, deviceShortCircuitLoop, drift. The event should now be acknowledged by the operator.													
1999	Fault Ack				✓								
The detector is in fault. The event has been acknowledged.													

2000	Fault Unack	✓	✓

The detector is in fault. The event should now be acknowledged by the operator.

Wireless Automatic channel - (FIDEDEWR)

Wireless sensors logical channel.
The Logical Channels are exclusively used in the logical domain. Specific Sensor Channels handle the information of different kind from detection devices and a Logical Input is used for technical alarms coming from other systems.
Logical Channels are configured as all other elements in the detection tree and then linked to Physical Channels during commissioning.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active												
The channel of a detector is activated in normal mode.													
1000	Quiet				✓								
No abnormal conditions present.													
1100	Test				✓								
The channel is in test mode.													
1140	Test-Active				✓								
The channel of a detector is activated in test mode.													
1300	Disarmed			✓									
The channel of a detector is switched off													
1351	Anomaly Ack				✓								
The detector is in an abnormal condition. The event has been acknowledged.													
1352	Anomaly Unack	✓			✓								
The detector is in an abnormal condition. The event should now be acknowledged by the operator.													
1999	Fault Ack				✓								
The channel of a detector is not working correctly. The event has been acknowledged.													
2000	Fault Unack	✓			✓								
The event should now be acknowledged by the operator.													

Wired Manual channel - (FIDECPGE)

Wired manual callpoints logical channel.
The Logical Channels are exclusively used in the logical domain. Specific Sensor Channels handle the information of different kind from detection devices and a Logical Input is used for technical alarms coming from other systems.
Logical Channels are configured as all other elements in the detection tree and then linked to Physical Channels during commissioning.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active				✓								
The channel of a detector is activated in normal mode.													
1000	Quiet				✓								
No abnormal conditions present.													
1100	Test				✓								
This channel of a detector is switched to detector test mode.													
1140	Test-Active				✓								
This channel of a detector is activated in detector test mode.													
1300	Disarmed			✓									
The channel of the detector is switched off providing neither activation nor fault information except not-ready.													
1351	Anomaly Ack				✓								
The detector channel evaluates an abnormal condition.The event has been acknowledged.													
1352	Anomaly Unack	✓			✓								
The detector channel evaluates an abnormal condition. The event should now be acknowledged by the operator.													
1999	Fault Ack				✓								
The channel of a detector is not working correctly. The event has been acknowledged.													
2000	Fault Unack	✓			✓								
The channel of a detector is not working correctly. The event should now be acknowledged by the operator.													

Wireless Manual channel - (FIDECPWR)

Wireless manual callpoints logical channel.
The Logical Channels are exclusively used in the logical domain. Specific Sensor Channels handle the information of different kind from detection devices and a Logical Input is used for technical alarms coming from other systems.
Logical Channels are configured as all other elements in the detection tree and then linked to Physical Channels during commissioning.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active				✓								
The channel of a detector is activated in normal mode.													
1000	Quiet				✓								
No abnormal conditions present.													
1100	Test				✓								
This channel of a detector is switched to detector test mode.													
1140	Test-Active				✓								
This channel of a detector is activated in detector test mode.													
1300	Disarmed			✓									
The channel of the detector is switched off providing neither activation nor fault information except not-ready													
1351	Anomaly Ack				✓								
The detector channel evaluates an abnormal condition. The event has been acknowledged.													
1352	Anomaly Unack	✓			✓								
The detector channel evaluates an abnormal condition. The event should now be acknowledged by the operator.													
1999	Fault Ack				✓								
The channel of a detector is not working correctly. The event has been acknowledged.													
2000	Fault Unack	✓			✓								
The channel of a detector is not working correctly. The event should now be acknowledged by the operator.													

Collective channel - (FIDEDECO)

Collective detection logical channel.
The Logical Channels are exclusively used in the logical domain. Specific Sensor Channels handle the information of different kind from detection devices and a Logical Input is used for technical alarms coming from other systems.
Logical Channels are configured as all other elements in the detection tree and then linked to Physical Channels during commissioning.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active				✓								
The channel of a detector is activated in normal mode.													
1000	Quiet				✓								
No abnormal conditions present.													
1100	Test				✓								
This channel of a detector is switched to detector test mode.													
1140	Test-Active				✓								
This channel of a detector is activated in detector test mode.													
1300	Disarmed			✓									
The channel of the detector is switched off providing neither activation nor fault information except not-ready.													
1351	Anomaly Ack				✓								
The detector channel evaluates an abnormal condition. The event has been acknowledged.													
1352	Anomaly Unack	✓			✓								
The detector channel evaluates an abnormal condition. The event should now be acknowledged by the operator.													
1999	Fault Ack				✓								
The channel of a detector is not working correctly. The event has been acknowledged.													
2000	Fault Unack	✓			✓								
The channel of a detector is not working correctly. The event should now be acknowledged by the operator.													

Base Sounder - (FIDEHOEL)

Base Sounder Channel.
The Sounder Base Channel is a very specific Logical Channel representing the functionality of a base sounder from an automatic fire detector. It is attached to a ChannelLogSensorDaAutomaticElem only.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active				✓								
The base sounder channel is activated.													
1000	Quiet				✓								
No abnormal conditions present.													
1300	Disarmed			✓									
The base sounder channel is switched off.													
1999	Fault Ack				✓								
The base sounder channel has evaluated a fault. The event has been acknowledged.													
2000	Fault Unack	✓			✓								
The base sounder channel has evaluated a fault. The event should now be acknowledged by the operator.													

Verification Alarm - (FIDEVFAL)

Alarm Verification Element.
The Alarm and Intervention Verification Elements (AVC/IC) handle the delays for activating
alarm equipment and remote transmission units. The Countdown delays for T1 or T2 are displayed when active.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
946 Active Unack	✓											

The fire alarm or prealarm verification is running. The event should now be acknowledged by the operator.

947 Active Ack

The fire alarm or prealarm verification is running. The event has been acknowledged.

950 Active ✓

The fire alarm or prealarm verification is running.

1000 Quiet

No abnormal conditions present.

1351 Anomaly Ack

The Alarm Verification has been stopped bypassing the configured delays to activate the alarming means immediately. The event has been acknowledged.

1352 Anomaly Unack ✓

The Alarm Verification has been stopped bypassing the configured delays to activate the alarming means immediately. The event should now be acknowledged by the operator.

Verification Intervention - (FIDEVFEL)

Intervention Verification Element.
The Alarm and Intervention Verification Elements (AVC/IC) handle the delays for activating
alarm equipment and remote transmission units. The Countdown delays for T1 or T2 are displayed when active.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
946 Active Unack	✓											

The specific Intervention Verification is running. The event should now be acknowledged by the operator.

947 Active Ack

The specific Intervention Verification is running. The event has been acknowledged.

950 Active — ✓ (64-Quiet)

The specific Intervention Verification is running.

1000 Quiet

No abnormal conditions present.

1351 Anomaly Ack

This value for now is no more used. The event has been acknowledged.

1352 Anomaly Unack — ✓ (1-Ack)

This value for now is no more used. The event should now be acknowledged by the operator.

Evac Control Group - (BSCOEVGE)

Evacuation Control Group.
The Control Group is the mean for organizing the different kinds of controls. The four fundamental Control Groups are: Alarm, Fire, Evacuation and Extinguishing. Some of the Control Groups allow changing the operation mode for its Controls.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
1000	Quiet				✓	✓							

EVAC control group is switched on: normal operation.

1100	Test				✓			✓					

EVAC control group operates its control in test mode to allow verifying the configured functions.

1300	Disarmed			✓		✓							

EVAC control group is switched off, so that no control function will be carried out.

Fire Control Group - (FICOZOGE)

Fire Control Group.
The Control Group is the means for organizing the different kinds of controls. The four fundamental Control Groups are: Alarm, Fire, Evacuation and Extinguishing. Some of the Control Groups allow changing the operation mode for its Controls.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
1000	Quiet				✓	✓							

Fire control group is switched on: normal operation.

1100	Test				✓			✓					

The fire Control Group operates its control in test mode to allow verifying the configured functions.

1300	Disarmed			✓		✓							

Fire control group is switched off, so that no control function will be carried out.

Evac Control - (BSCOEVEL)

Evacuation Control.
The Control represents an individual entity of control logic. Each Control has a dedicated functionality, which might be expressed by the customer text in the property description.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active				✓	✓		✓					
The control is switched on: normal operation													
1000	Quiet				✓	✓	✓						
The control is switched on: normal operation.													
1100	Test				✓		✓	✓					
The control is operating in test mode to allow verifying the configured functions.													
1140	Test-Active				✓			✓					
The control is activated in test mode.													
1300	Disarmed			✓		✓	✓						
The control is switched off so that the function will be not carried out.													

Fire Control - (FICOUDGE)

Fire Control.
The Control represents an individual entity of control logic. Each Control has a dedicated functionality, which might be expressed by the customer text in the property description.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active				✓	✓		✓					
The control is activated in normal mode.													
1000	Quiet				✓	✓	✓						
The control is switched on: normal operation.													
1100	Test				✓		✓	✓					
The control is operating in test mode to allow verifying the configured functions.													
1140	Test-Active				✓			✓					
The control is activated in test mode.													
1300	Disarmed			✓		✓	✓						
The control is switched off so that the function will be not carried out.													

AlarmControl - (BSCODCEL)

Alarm control.
The Control represents an individual entity of control logic. Each Control has a dedicated functionality, which might be expressed by the customer text in the property description.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active				✓	✓		✓					
The control is activated in normal mode.													
1000	Quiet				✓	✓							
The control is switched on: normal operation													
1100	Test				✓			✓					
The control is operating in test mode to allow verifying the configured functions.													
1140	Test-Active				✓			✓					
The control is activated in test mode.													
1300	Disarmed			✓		✓							
The control is switched off so that the function will not be carried out.													
1999	Fault Ack				✓	✓							
The control si faulty. The event has been acknowledged.													
2000	Fault Unack	✓			✓	✓							
The control si faulty. The event should now be acknowledged by the operator.													

RtDevice Control - (FICORHOT)

Remote Transmission Device Control.
The Control represents an individual entity of control logic. Each Control has a dedicated functionality, which might be expressed by the customer text in the property description.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

950 Active

The control is activated in normal mode.

1000 Quiet

No abnormal conditions present.

1999 Fault Ack

The control is faulty. The event has been acknowledged.

2000 Fault Unack ✓

The control is faulty. The event should now be acknowledged by the operator.

RtFault Control - (FICORHFL)

Fault Remote Transmission Control.
The Control represents an individual entity of control logic. Each Control has a dedicated functionality, which might be expressed by the customer text in the property description.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active				✓	✓		✓					
The control is activated in normal mode.													
1000	Quiet				✓	✓	✓						
The control is switched on: normal operation.													
1100	Test				✓		✓	✓					
The control is operating in test mode to allow verifying the configured functions.													
1140	Test-Active				✓			✓					
The control is activated in test mode.													
1300	Disarmed			✓		✓	✓						
The control is switched off so that the function will not be carried out.													
1999	Fault Ack				✓	✓	✓						
The control si faulty. The event has been acknowledged.													
2000	Fault Unack	✓			✓	✓	✓						
The control si faulty. The event should now be acknowledged by the operator.													

RtFire Control - (FICORHAL)

Fire Remote Transmission Control.
The Control represents an individual entity of control logic. Each Control has a dedicated functionality, which might be expressed by the customer text in the property description.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active				✓	✓		✓					
The control is activated in normal mode.													
1000	Quiet				✓	✓	✓						
The control is switched on: normal operation.													
1100	Test				✓		✓	✓					
The control is operating in test mode to allow verifying the configured functions.													
1140	Test-Active				✓			✓					
The control is activated in test mode.													
1300	Disarmed			✓		✓	✓						
The control is switched off.													
1999	Fault Ack				✓	✓	✓						
The control si faulty.The event has been acknowledged.													
2000	Fault Unack	✓			✓	✓	✓						
The control si faulty.The event should now be acknowledged by the operator.													

RtSounder Control - (FICORHEL)

Remote Transmission Sounder Control.
The Control represents an individual entity of control logic. Each Control has a dedicated functionality, which might be expressed by the customer text in the property description.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active				✓	✓		✓					
The control is activated in normal mode.													
1000	Quiet				✓	✓	✓						
The control is switched on: normal operation.													
1100	Test				✓		✓	✓					
The control is operating in test mode to allow verifying the configured functions.													
1140	Test-Active				✓			✓					
The control is activated in test mode.													
1300	Disarmed			✓		✓	✓						
The control is switched off.													

Sprinkler Control - (BSCODCSP)

Sprinkler Control.
The Control represents an individual entity of control logic. Each Control has a dedicated functionality, which might be expressed by the customer text in the property description.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓			✓								

The sprinkler control has detected a fire alarm. The event should now be acknowledged by the operator.

502	Alarm Unreset		✓		✓								

The sprinkler control has detected a fire alarm. The event should now be reset by the operator.

1000	Quiet				✓								

The control is switched on: normal operation.

1300	Disarmed			✓									

The control is switched off so that the function will not be carried out.

ByPassable input - (BSCOBIEL)

Bypassable Input logical Channel.
These Logical Channels are exclusively used in the control domain. Inputs are used to trigger Controls which in turns activate Outputs or Sounders. These configured Logical Channels are linked to Physical Channels

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

950 Active

The channel is activated in normal mode.

1000 Quiet

No abnormal conditions present.

1300 Disarmed

The input channel is switched off via its control providing neither activation nor fault information. No such command here.

1351 Anomaly Ack

The channel indicates one of the following system info: DeviceOpenLoop, DeviceShortCircuitLoop. The event has been acknowledged.

1352 Anomaly Unack ✓

The channel indicates one of the following system info: DeviceOpenLoop, DeviceShortCircuitLoop. The event should now be acknowledged by the operator.

1999 Fault Ack

The channel is faulty. The event has been acknowledged.

2000 Fault Unack ✓

The channel is faulty. The event should now be acknowledged by the operator.

Non Bypassable input - (BSCOINEL)

Non Bypassable Input logical Channel.
These Logical Channels are exclusively used in the control domain. Inputs are used to trigger Controls which in turns activate Outputs or Sounders. These configured Logical Channels also are linked to Physical Channels.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950 Active							✓					
1000 Quiet												
1351 Anomaly Ack												
1352 Anomaly Unack	✓											
1999 Fault Ack												
2000 Fault Unack	✓											

950 Active

The channel is activated in normal mode.

1000 Quiet

No abnormal conditions present.

1351 Anomaly Ack

The channel indicates one of the following system info: DeviceOpenLoop, DeviceShortCircuitLoop. The event has been acknowledged.

1352 Anomaly Unack

The channel indicates one of the following system info: DeviceOpenLoop, DeviceShortCircuitLoop. The event should now be acknowledged by the operator.

1999 Fault Ack

The channel is faulty. The event has been acknowledged.

2000 Fault Unack

The channel is faulty. The event should now be acknowledged by the operator.

Generic Output - (BSCOOUEL)

Generic Output Logical Channel.
These Logical Channels are exclusively used in the control domain. Inputs are used to trigger Controls which in turns activate Outputs or Sounders. These configured Logical Channels also are linked to Physical Channels.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

950 Active

The channel is activated.

1000 Quiet

No abnormal conditions present.

1351 Anomaly Ack

The channel indicates one of the following system info: DeviceOpenLoop, DeviceShortCircuitLoop.The event has been acknowledged.

1352 Anomaly Unack ✓

The channel indicates one of the following system info: DeviceOpenLoop, DeviceShortCircuitLoop. The event should now be acknowledged by the operator.

1999 Fault Ack

The channel is faulty. The event has been acknowledged.

2000 Fault Unack ✓

The channel is faulty. The event should now be acknowledged by the operator.

Fire Output - (FICOOUEL)

Fire Output logical Channel.
These Logical Channels are exclusively used in the control domain. Inputs are used to trigger Controls which in turns activate Outputs or Sounders. These configured Logical Channels also are linked to Physical Channels.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active				✓			✓					
The channel is activated.													
1000	Quiet				✓		✓						
No abnormal conditions present.													
1140	Test-Active				✓			✓					
The channel is activated in test mode.													
1300	Disarmed			✓			✓						
The output channel is switched off providing neither activation nor fault information.													
1351	Anomaly Ack				✓		✓						
The channel indicates one of the following system info: DeviceOpenLoop, DeviceShortCircuitLoop.The event has been acknowledged.													
1352	Anomaly Unack	✓			✓		✓						
The channel indicates one of the following system info: DeviceOpenLoop, DeviceShortCircuitLoop.The event should now be acknowledged by the operator.													
1999	Fault Ack				✓		✓						
The channel is faulty. The event has been acknowledged.													
2000	Fault Unack	✓			✓		✓						
The event should now be acknowledged by the operator.													

RtOutput - (BSCORCGE)

Remote Transmission Output Logical Channel.
These Logical Channels are exclusively used in the control domain. Inputs are used to trigger Controls which in turns activate Outputs or Sounders. These configured Logical Channels also are linked to Physical Channels.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
1000	Quiet				✓		✓						
No abnormal conditions present.													
1140	Test-Active				✓			✓					
The channel is activated in test mode.													
1300	Disarmed			✓			✓						
The output channel is switched off providing neither activation nor fault information.													
1351	Anomaly Ack				✓		✓						
The channel indicates one of the following system info: DeviceOpenLoop, DeviceShortCircuitLoop.The event has been acknowledged.													
1352	Anomaly Unack	✓			✓		✓						
The channel indicates one of the following system info: DeviceOpenLoop, DeviceShortCircuitLoop.The event should now be acknowledged by the operator.													
1999	Fault Ack				✓		✓						
The channel is faulty. The event has been acknowledged.													
2000	Fault Unack	✓			✓		✓						
The channel is faulty. The event should now be acknowledged by the operator.													

RtVds Output - (BSVDRCGE)

Remote Transmission Vds Output Logical Channel.
These Logical Channels are exclusively used in the control domain. Inputs are used to trigger Controls which in turns activate Outputs or Sounders. These configured Logical Channels also are linked to Physical Channels.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
1000	Quiet				✓		✓						
No abnormal conditions present.													
1140	Test-Active				✓			✓					
The channel is activated in test mode.													
1300	Disarmed			✓			✓						
The output channel is switched off providing neither activation nor fault information.													
1351	Anomaly Ack				✓		✓						
The channel indicates one of the following system info: DeviceOpenLoop, DeviceShortCircuitLoop. The event has been acknowledged.													
1352	Anomaly Unack	✓			✓		✓						
The channel indicates one of the following system info: DeviceOpenLoop, DeviceShortCircuitLoop. The event should now be acknowledged by the operator.													
1999	Fault Ack				✓		✓						
The channel is faulty. The event has been acknowledged.													
2000	Fault Unack	✓			✓		✓						
The channel is faulty. The event should now be acknowledged by the operator.													

Sounders - (BSCOHCGE)

Sounder Output Logical Channel.
These Logical Channels are exclusively used in the control domain. Inputs are used to trigger Controls which in turns activate Outputs or Sounders. These configured Logical Channels also are linked to Physical Channels.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active				✓			✓					
The channel is activated.													
1000	Quiet				✓		✓						
No abnormal conditions present.													
1300	Disarmed			✓			✓						
The sounder channel is switched off providing neither activation nor fault information.													
1351	Anomaly Ack				✓		✓						
The channel indicates one of the following system info: DeviceOpenLoop, DeviceShortCircuitLoop.The event has been acknowledged.													
1352	Anomaly Unack	✓			✓		✓						
The channel indicates one of the following system info: DeviceOpenLoop, DeviceShortCircuitLoop. The event should now be acknowledged by the operator.													
1999	Fault Ack				✓		✓						
The event has been acknowledged.													
2000	Fault Unack	✓			✓		✓						
The channel is faulty. The event should now be acknowledged by the operator.													

FireEffect Request - (FIDEEFEL)

Fire Effect Request Logical Channel.
The Effect Request is a special type of a Logical Channel. It models the function of an internal command to another element. It is not linked to a Physical Channel.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active				✓								
The effect request is activated in normal mode.													
1000	Quiet				✓								
No abnormal conditions present.													
1140	Test-Active				✓								
The effect request is activated in test mode.													
1300	Disarmed			✓									
The effect request is switched off providing neither activation nor fault information.													
1999	Fault Ack				✓								
The effect request has detected a fault. The event has been acknowledged.													
2000	Fault Unack	✓			✓								
The effect request has detected a fault. The event should now be acknowledged by the operator.													

FC40 - (FIDEAPMN)

FC40 Panel.
The Panel represents an entire FS20 host (panel or terminal) with respect to the process information. In addition, a BACnet Device object is associated so that each such host can be addressed as an individual node in the BACnet inter-network.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
1000	Quiet												✓
No abnormal conditions present.													
1351	Anomaly Ack												✓
The panel has evaluated one of the following system info: bootCompleted, Factory Reset, MCLinkEnabled, PreconfigLoaded, AnalyzerEnabled, remoteAccessEnabled, TimeLost, TimeMasterUnreachable. The event has been acknowledged.													
1352	Anomaly Unack	✓											✓
The panel has evaluated one of the following system info: bootCompleted, Factory Reset, MCLinkEnabled, PreconfigLoaded, AnalyzerEnabled, remoteAccessEnabled, TimeLost, TimeMasterUnreachable. The event should now be acknowledged by the operator.													
1369	Not Aligned												
The control unit is not aligned to the field.													
1370	Alignment In Progress												✓
The alignment fase is in progress.													
1999	Fault Ack												✓
The panel is faulty. The event has been acknowledged.													
2000	Fault Unack	✓											✓
The panel is faulty. The event should now be acknowledged by the operator.													
2051	Vitality Fault												
Missing vitality message (heartbeat): trouble in the communication link.													

Undefined event - (SYNOUDGE)

Unidentified Object Event.
This information can represent events that are concerning objects that could not be properly identified in the current panel configuration.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

501 Alarm Ack

The panel sent out an alarm for a non-configured object.

511 Alarm & Fault Ack

The panel sent out an alarm and a fault for a non-configured object.

801 Prealarm Ack

The panel sent out a prealarm for a non-configured object.

811 Prealarm & Fault Ack

The panel sent out a prealarm and a fault for a non-configured object.

1000 Quiet

No messages were sent for non-configured objects.

1300 Disarmed

The panel sent out an exclusion message for a non-configured object.

1351 Anomaly Ack

The panel sent out an anomaly message for a non-configured object.

1999 Fault Ack

The panel sent out a fault message for a non-configured object.

FT20 - (FIDEAPMN)

Fire Terminal FT20

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
1000	Quiet												✓
No abnormal conditions present.													
1351	Anomaly Ack												✓
The terminal has evaluated one of the following system info: bootCompleted, Factory Reset, MCLinkEnabled, PreconfigLoaded, AnalyzerEnabled, remoteAccessEnabled, TimeLost, TimeMasterUnreachable. The event has been acknowledged.													
1352	Anomaly Unack	✓											✓
The terminal has evaluated one of the following system info: bootCompleted, Factory Reset, MCLinkEnabled, PreconfigLoaded, AnalyzerEnabled, remoteAccessEnabled, TimeLost, TimeMasterUnreachable. The event should now be acknowledged by the operator.													
1369	Not Aligned												
The terminal unit is not aligned to the field.													
1370	Alignment In Progress												✓
The alignment is in progress.													
1999	Fault Ack												✓
The terminal is faulty. The event has been acknowledged.													
2000	Fault Unack	✓											✓
The terminal is faulty. The event should now be acknowledged by the operator.													
2051	Vitality Fault												
Missing vitality message (heartbeat): trouble in the communication link.													

Network - (HWDENWEL)

Network Object.
This object can represent some aspects of the communication with other panels. This comprises the indication of: requests for opening the communication, a wrong certificate or a communication fault and also a degrade alarm coming from another panel.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓											
The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓										
The event should now be reset by the operator.													
510	Alarm & Fault Unack	✓											
This event is the combination of the Alarm and Fault state. The event should now be acknowledged by the operator													
511	Alarm & Fault Ack												
This event is the combination of the Alarm and Fault state. The event has been acknowledged.													
512	Alarm & Fault Unreset		✓										
This event is the combination of the Alarm and Fault state. The event should now be reset by the operator.													
1000	Quiet												
No abnormal conditions present.													
1351	Anomaly Ack												
The event has been acknowledged.													
1352	Anomaly Unack	✓											
The event should now be acknowledged by the operator.													
1999	Fault Ack												
The event has been acknowledged.													

2000	Fault Unack	✓

The event should now be acknowledged by the operator.

Evac Uni Control - (BSCOEVSI)

Evacuation (Universal) Control.
The Control represents an individual entity of control logic. Each Control has a dedicated functionality, which might be expressed by the customer text in the property description.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active					✓		✓					
The EVAC control is activated in normal mode.													
1000	Quiet				✓	✓	✓						
No abnormal conditions present.													
1100	Test						✓	✓					
The control is operating in test mode to allow verifying the configured functions.													
1140	Test-Active				✓			✓					
The EVAC control is activated in test mode.													
1300	Disarmed			✓		✓	✓						
The control is switched off so that the function will not be carried out													

XC10 Elem - (BSEXDCSP)

XC10 (Extinguishing Panel) Control.
The Control represents an individual entity of control logic. Each Control has a dedicated functionality, which might be expressed by the customer text in the property description.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓											

XC10 Control has detected a fire alarm. The event should now be acknowledged by the operator.

502	Alarm Unreset		✓										

XC10 Control has detected a fire alarm. The event should now be reset by the operator.

510	Alarm & Fault Unack	✓											

Sprinkler Control has detected a fire alarm and the control is faulty. The event should now be acknowledged by the operator

512	Alarm & Fault Unreset		✓										

Sprinkler Control has detected a fire alarm and the control is faulty.The event should now be reset by the operator.

1000	Quiet												

The control is switched on in normal operation.

1300	Disarmed												

The XC10 control is completely switched off preventing from manual and automatic activation of the extinguishing.

1326	Blocked												

The XC10 control is partly switched off preventing from automatic activation of the extinguishing: but it still remains on.

1351	Anomaly Ack												

The XC10 Control has evaluated an abnormal state out of: notResettable, notBlockable.
The event has been acknowledged.

1352	Anomaly Unack	✓											

The XC10 Control has evaluated an abnormal state out of: notResettable, notBlockable.
The event should now be acknowledged by the operator.

1999	Fault Ack	

The control is faulty. The event has been acknowledged.

2000	Fault Unack	✓

The control is faulty. The event should now be acknowledged by the operator.

PMI - (HWNOCTPM)

PMI (Person-Machine Interface) Object.
This object represents the user interface on the operation terminal.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
946 Active Unack	✓											

User access detected on the user interface. The event should now be acknowledged by the operator.

947 Active Ack

User access detected on the user interface. The event has been acknowledged.

1000 Quiet

No abnormal conditions present.

1351 Anomaly Ack

The user has selected a new language for the user interface. The event has been acknowledged.

1352 Anomaly Unack	✓											

The user has selected a new language for the user interface. The event should now be acknowledged by the operator.

Alert Sounders - (BSCOHCAL)

Alert Sounder Channel.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active				✓								
The channel is activated.													
1000	Quiet				✓								
No abnormal conditions present.													
1140	Test-Active				✓								
The channel is activated in test mode.													
1300	Disarmed			✓									
The sounder channel is switched off providing neither activation nor fault information.													
1351	Anomaly Ack				✓								
The channel indicates one of the following system info: DeviceOpenLoop, DeviceShortCircuitLoop. The event has been acknowledged.													
1352	Anomaly Unack	✓			✓								
The channel indicates one of the following system info: DeviceOpenLoop, DeviceShortCircuitLoop. The event should now be acknowledged by the operator.													
1999	Fault Ack				✓								
The channel is faulty. The event has been acknowledged.													
2000	Fault Unack	✓			✓								
The channel is faulty. The event should now be acknowledged by the operator.													

AlertEvac Sounders - (BSCOHCOT)

Alert/Evacuation Sounder Channel.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active				✓			✓					
The channel is activated.													
1000	Quiet				✓		✓						
No abnormal conditions present.													
1140	Test-Active				✓			✓					
The channel is activated in test mode.													
1300	Disarmed			✓			✓						
The sounder channel is switched off providing neither activation nor fault information.													
1351	Anomaly Ack				✓		✓						
The channel indicates one of the following system info: DeviceOpenLoop, DeviceShortCircuitLoop. The event has been acknowledged.													
1352	Anomaly Unack	✓			✓		✓						
The channel indicates one of the following system info: DeviceOpenLoop, DeviceShortCircuitLoop. The event should now be acknowledged by the operator.													
1999	Fault Ack				✓		✓						
The channel is faulty. The event has been acknowledged.													
2000	Fault Unack	✓			✓		✓						
The channel is faulty. The event should now be acknowledged by the operator.													

Evac Sounders - (BSCOHCEE)

Evacuation Sounder Channel.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
950	Active				✓			✓					
The channel is activated.													
1000	Quiet				✓								
No abnormal conditions present.													
1140	Test-Active				✓			✓					
The channel is activated in test mode.													
1300	Disarmed			✓									
The sounder channel is switched off providing neither activation nor fault information.													
1351	Anomaly Ack				✓								
The channel indicates one of the following system info: DeviceOpenLoop, DeviceShortCircuitLoop. The event has been acknowledged.													
1352	Anomaly Unack	✓			✓								
The channel indicates one of the following system info: DeviceOpenLoop, DeviceShortCircuitLoop. The event should now be acknowledged by the operator.													
1999	Fault Ack				✓								
The channel is faulty. The event has been acknowledged.													
2000	Fault Unack	✓			✓								
The channel is faulty. The event should now be acknowledged by the operator.													

Gas Zone - (GSDEZOAU)

Gas Alarm Zone.
The Zone is a required element (e.g. EN54-2 regulations) that handles the raw alarm information coming from one or more detectors. Also, it supports several operating modes influencing the sensitivity of the attached detectors. Different kinds of Zones have to be used according the desired purpose.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓			✓								
The zone is in Alarm. The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓		✓								
The zone is in alarm. The event should now be reset by the operator.													
800	Prealarm Unack	✓			✓								
The zone is in Pre-Alarm. The event should now be acknowledged by the operator.													
801	Prealarm Ack				✓								
The zone is in Pre-Alarm. The event has been acknowledged.													
1000	Quiet				✓	✓							
The zone is included.													
1100	Test				✓			✓					
The zone is in Test mode.													
1300	Disarmed			✓		✓							
The zone is excluded.													
1351	Anomaly Ack			✓	✓	✓							
One of the following condition could be active: Not Ready, Fast mode, Slow mode, Info Reminder-expired, Criteria fallback. The event has been acknowledged.													

1352	Anomaly Unack	✓	✓	✓	✓

The event should now be acknowledged by the operator.

Gas Warning Zone - (GSDEZOGE)

Gas Warning Zone.
The Zone is a required element (e.g. EN54-2 regulations) that handles the raw alarm information coming from one or more detectors. Also, it supports several operating modes influencing the sensitivity of the attached detectors. Different kinds of Zones have to be used according the desired purpose.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓			✓								
The zone is in Alarm. The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓		✓								
The zone is in alarm. The event should now be reset by the operator.													
800	Prealarm Unack	✓			✓								
The zone is in Pre-Alarm. The event should now be acknowledged by the operator.													
801	Prealarm Ack				✓								
The zone is in Pre-Alarm. The event has been acknowledged.													
1000	Quiet				✓	✓							
The zone is included.													
1100	Test				✓			✓					
The zone is in Test mode.													
1300	Disarmed			✓		✓							
The zone is excluded.													
1351	Anomaly Ack			✓	✓	✓							
One of the following condition could be active: Not Ready, Fast mode, Slow mode, Info Reminder-expired, Criteria fallback. The event has been acknowledged.													

1352	Anomaly Unack	✓	✓	✓	✓

The event should now be acknowledged by the operator.

Exting preAlarm zone - (FIEXZOAU)

Extinguishing Pre-alarm Zone.
The Zone is a required element (e.g. EN54-2 regulations) that handles the raw alarm information coming from one or more detectors. Also, it supports several operating modes influencing the sensitivity of the attached detectors. Different kinds of Zones have to be used according the desired purpose.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓			✓								
The zone is in Alarm. The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓		✓								
The zone is in alarm. The event should now be reset by the operator.													
800	Prealarm Unack	✓			✓								
The zone is in Pre-Alarm. The event should now be acknowledged by the operator.													
801	Prealarm Ack				✓								
The zone is in Pre-Alarm. The event has been acknowledged.													
1000	Quiet				✓	✓							
The zone is included.													
1100	Test				✓			✓					
The zone is in Test mode.													
1300	Disarmed			✓		✓							
The zone is excluded.													
1351	Anomaly Ack			✓	✓	✓							
One of the following condition could be active: Not Ready, Fast mode, Slow mode, Info Reminder-expired, Criteria fallback. The event has been acknowledged.													

1352	Anomaly Unack	✓	✓	✓	✓

The event should now be acknowledged by the operator.

Multiple automatic zone - (FIDEZOMU)

Multiple Automatic Zone.
The Zone is a required element (e.g. EN54-2 regulations) that handles the raw alarm information coming from one or more detectors. Also, it supports several operating modes influencing the sensitivity of the attached detectors. Different kinds of Zones have to be used according the desired purpose.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓			✓								
The zone is in Alarm. The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓		✓								
The zone is in alarm. The event should now be reset by the operator.													
800	Prealarm Unack	✓			✓								
The zone is in Pre-Alarm. The event should now be acknowledged by the operator.													
801	Prealarm Ack				✓								
The zone is in Pre-Alarm. The event has been acknowledged.													
1000	Quiet				✓	✓							
The zone is included.													
1100	Test				✓			✓					
The zone is in Test mode.													
1300	Disarmed			✓		✓							
The zone is excluded.													
1351	Anomaly Ack			✓	✓	✓							
One of the following condition could be active: Not Ready, Fast mode, Slow mode, Info Reminder-expired, Criteria fallback. The event has been acknowledged.													

1352	Anomaly Unack	✓	✓	✓	✓

The event should now be acknowledged by the operator.

Manual Alarm Sub-system zone - (FIDEZOMA)

Manual Alarm Subsystem Zone.
The Zone is a required element (e.g. EN54-2 regulations) that handles the raw alarm information coming from one or more detectors. Also, it supports several operating modes influencing the sensitivity of the attached detectors. Different kinds of Zones have to be used according the desired purpose.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓			✓								
The object has detect an alarm condition. The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓		✓								
The object has detect an alarm condition. The event should now be reset by the operator.													
1000	Quiet				✓	✓							
No abnormal conditions present.													
1100	Test				✓			✓					
The zone is in test mode.													
1300	Disarmed			✓		✓							
The zone is excluded.													
1351	Anomaly Ack				✓	✓							
One of the following condition could be active: Not Ready, Fast mode, Slow mode, Info Reminder-expired, Criteria fallback. The event has been acknowledged.													
1352	Anomaly Unack	✓			✓	✓							
One of the following condition could be active: Not Ready, Fast mode, Slow mode, Info Reminder-expired, Criteria fallback. The event should now be acknowledged by the operator.													

Technical Zone sub-system off - (BSCOZORE)

Technical Subsystem OFF Zone
The Zone is a required element (e.g. EN54-2 regulations) that handles the raw alarm information coming from one or more detectors. Also, it supports several operating modes influencing the sensitivity of the attached detectors. Different kinds of Zones have to be used according the desired purpose.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓			✓								
The zone evluates an alarm. The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓		✓								
The zone evaluates an alarm. The event should now be reset by the operator.													
510	Alarm & Fault Unack	✓			✓								
This event is the combination of the Alarm and Fault state. The event should now be acknowledged by the operator													
511	Alarm & Fault Ack				✓								
This event is the combination of the Alarm and Fault state. The event has been acknowledged.													
512	Alarm & Fault Unreset		✓		✓								
This event is the combination of the Alarm and Fault state. The event should now be reset by the operator.													
946	Active Unack	✓			✓	✓							
The technical zone evaluates a technical alarm. The event should now be acknowledged by the operator.													
948	Active Unreset		✓		✓	✓							
The technical zone evaluates a technical alarm. The event should now be reset by the operator.													
950	Active				✓	✓							
The technical zone evaluates a technical alarm.													
1000	Quiet				✓	✓							
No abnormal conditions present.													

1100	Test			✓		✓	

The zone is in test mode.

1300	Disarmed		✓		✓		

The zone is execluded.

1351	Anomaly Ack			✓	✓		

One of the following condition could be active:
Not Ready, Fast mode, Info Reminder-expired, Criteria fallback.
The event has been acknowledged.

1352	Anomaly Unack	✓		✓	✓		

One of the following condition could be active:
Not Ready, Fast mode, Slow mode, Info Reminder-expired, Criteria fallback.
The event should now be acknowledged by the operator.

1998	Fault Unreset		✓	✓	✓		

The zone evaluates a fault. The event should now be reset by the operator.

1999	Fault Ack			✓	✓		

The zone evaluates a fault. The event has been acknowledged.

TechnicalFault sub-system Zone - (BSCOZOFL)

Technical Fault Subsystem Zone
The Zone is a required element (e.g. EN54-2 regulations) that handles the raw alarm information coming from one or more detectors. Also, it supports several operating modes influencing the sensitivity of the attached detectors. Different kinds of Zones have to be used according the desired purpose.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓			✓								
The zone evluates an alarm. The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓		✓								
The zone evaluates an alarm. The event should now be reset by the operator.													
510	Alarm & Fault Unack	✓			✓								
This event is the combination of the Alarm and Fault state. The event should now be acknowledged by the operator													
511	Alarm & Fault Ack				✓								
This event is the combination of the Alarm and Fault state. The event has been acknowledged.													
512	Alarm & Fault Unreset		✓		✓								
This event is the combination of the Alarm and Fault state. The event should now be reset by the operator.													
946	Active Unack	✓			✓	✓							
The technical zone evaluates a technical alarm. The event should now be acknowledged by the operator.													
948	Active Unreset		✓		✓	✓							
The technical zone evaluates a technical alarm. The event should now be reset by the operator.													
950	Active				✓	✓							
The technical zone evaluates a technical alarm.													
1000	Quiet				✓	✓							
No abnormal conditions present.													

1100	Test			✓		✓

The zone is in test mode.

1300	Disarmed		✓		✓	

The zone is execluded.

1351	Anomaly Ack			✓	✓	

One of the following condition could be active:
Not Ready, Fast mode, Info Reminder-expired, Criteria fallback.
The event has been acknowledged.

1352	Anomaly Unack	✓		✓	✓	

One of the following condition could be active:
Not Ready, Fast mode, Slow mode, Info Reminder-expired, Criteria fallback.
The event should now be acknowledged by the operator.

1998	Fault Unreset		✓	✓	✓	

The zone evaluates a fault. The event should now be reset by the operator.

1999	Fault Ack			✓	✓	

The zone evaluates a fault.The event has been acknowledged.

Single Exting Discharged Zone - (FIEXZOSI)

Automatic Extinguishing Discharged Zone.
The Zone is a required element (e.g. EN54-2 regulations) that handles the raw alarm information coming from one or more detectors. Also, it supports several operating modes influencing the sensitivity of the attached detectors. Different kinds of Zones have to be used according the desired purpose.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓			✓								
The zone is in Alarm. The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓		✓								
The zone is in alarm. The event should now be reset by the operator.													
800	Prealarm Unack	✓			✓								
The zone is in Pre-Alarm. The event should now be acknowledged by the operator.													
801	Prealarm Ack				✓								
The zone is in Pre-Alarm. The event has been acknowledged.													
1000	Quiet				✓	✓							
The zone is included.													
1100	Test				✓			✓					
The zone is in Test mode.													
1300	Disarmed			✓		✓							
The zone is excluded.													
1351	Anomaly Ack			✓	✓	✓							
One of the following condition could be active: Not Ready, Fast mode, Slow mode, Info Reminder-expired, Criteria fallback. The event has been acknowledged.													

1352	Anomaly Unack	✓	✓	✓	✓

The event should now be acknowledged by the operator.

Alarm sub-system zone - (FIDEZOAL)

Alarm Subsystem Zone
The Zone is a required element (e.g. EN54-2 regulations) that handles the raw alarm information coming from one or more detectors. Also, it supports several operating modes influencing the sensitivity of the attached detectors. Different kinds of Zones have to be used according the desired purpose.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓			✓								
The zone is in Alarm. The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓		✓								
The zone is in alarm. The event should now be reset by the operator.													
800	Prealarm Unack	✓			✓								
The zone is in Pre-Alarm. The event should now be acknowledged by the operator.													
801	Prealarm Ack				✓								
The zone is in Pre-Alarm. The event has been acknowledged.													
1000	Quiet				✓	✓							
The zone is included.													
1100	Test				✓			✓					
The zone is in Test mode.													
1300	Disarmed			✓		✓							
The zone is excluded.													
1351	Anomaly Ack			✓	✓	✓							
One of the following condition could be active: Not Ready, Fast mode, Slow mode, Info Reminder-expired, Criteria fallback. The event has been acknowledged.													

1352	Anomaly Unack	✓	✓	✓	✓

The event should now be acknowledged by the operator.

TechnicalFault ext.system - (BSEXZOFL)

Technical Fault Extinguishing System Zone.
The Zone is a required element (e.g. EN54-2 regulations) that handles the raw alarm information coming from one or more detectors. Also, it supports several operating modes influencing the sensitivity of the attached detectors. Different kinds of Zones have to be used according the desired purpose.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓			✓								
The zone evaluates an alarm. The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓		✓								
The zone evaluates an alarm. The event should now be reset by the operator.													
510	Alarm & Fault Unack	✓			✓								
This event is the combination of the Alarm and Fault state. The event should now be acknowledged by the operator													
511	Alarm & Fault Ack				✓								
This event is the combination of the Alarm and Fault state. The event has been acknowledged.													
512	Alarm & Fault Unreset		✓		✓								
This event is the combination of the Alarm and Fault state. The event should now be reset by the operator.													
946	Active Unack	✓			✓	✓							
The technical zone evaluates a technical alarm. The event should now be acknowledged by the operator.													
948	Active Unreset		✓		✓	✓							
The technical zone evaluates a technical alarm. The event should now be reset by the operator.													
950	Active				✓	✓							
The technical zone evaluates a technical alarm.													
1000	Quiet				✓	✓							
No abnormal conditions present.													

1100	Test			✓		✓

The zone is in test mode.

1300	Disarmed		✓		✓	

The zone is execluded.

1351	Anomaly Ack			✓	✓	

One of the following condition could be active:
Not Ready, Fast mode, Info Reminder-expired, Criteria fallback.
The event has been acknowledged.

1352	Anomaly Unack	✓		✓	✓	

One of the following condition could be active:
Not Ready, Fast mode, Slow mode, Info Reminder-expired, Criteria fallback.
The event should now be acknowledged by the operator.

1998	Fault Unreset		✓	✓	✓	

The zone evaluates a fault. The event should now be reset by the operator.

1999	Fault Ack			✓	✓	

The zone evaluates a fault. The event has been acknowledged.

Sprinkler automatic zone - (FIEXZOAU)

Automatic Sprinkler Zone.
The Zone is a required element (e.g. EN54-2 regulations) that handles the raw alarm information coming from one or more detectors. Also, it supports several operating modes influencing the sensitivity of the attached detectors. Different kinds of Zones have to be used according the desired purpose.

Multistate		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓			✓								
The zone is in Alarm. The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓		✓								
The zone is in alarm. The event should now be reset by the operator.													
800	Prealarm Unack	✓			✓								
The zone is in Pre-Alarm. The event should now be acknowledged by the operator.													
801	Prealarm Ack				✓								
The zone is in Pre-Alarm. The event has been acknowledged.													
1000	Quiet				✓	✓							
The zone is included.													
1100	Test				✓			✓					
The zone is in Test mode.													
1300	Disarmed			✓		✓							
The zone is excluded.													
1351	Anomaly Ack			✓	✓	✓							
One of the following condition could be active: Not Ready, Fast mode, Slow mode, Info Reminder-expired, Criteria fallback. The event has been acknowledged.													

1352	Anomaly Unack	✓	✓	✓	✓

The event should now be acknowledged by the operator.

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