



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR OSHPD SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY
APPLICATION #: OSP - 0072

OSHPD Special Seismic Certification Preapproval (OSP)

Type: [] New [X] Renewal

Manufacturer Information

Manufacturer: Honeywell

Manufacturer's Technical Representative: Michael Yanokfsky

Mailing Address: 12 Clintonville Road, Northford, CT 06472

Telephone: (203)-484-6247 Email: Michael.Yanofsky@honeywell.com

Product Information

Product Name: Notifier

Product Type: Fire Control Panels

Product Model Number: Varies (See Attachments)
(List all unique product identification numbers and/or part numbers)

General Description: Wall Mounted custom Fire Control Panels with Communication Devices

Mounting Description: Rigid Wall Mounted

Applicant Information

Applicant Company Name: The VMC Group

Contact Person: John P. Giuliano

Mailing Address: 113 Main Street, Bloomingdale, NJ 07403

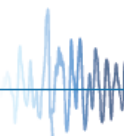
Telephone: (973)-838-1780 Email: john.giuliano@thevmcgroup.com

I hereby agree to reimburse the Office of Statewide Health Planning and Development review fees in accordance with the California Administrative Code, 2016.

Signature of Applicant: [Handwritten Signature] Date: 11/16/2020

Title: President Company Name: VMC Group

Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs





**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION**

California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)

Company Name: The VMC Group

Name: Kenneth Tarlow California License Number: SE2851

Mailing Address: 113 Main Street, Bloomingdale, NJ 07403

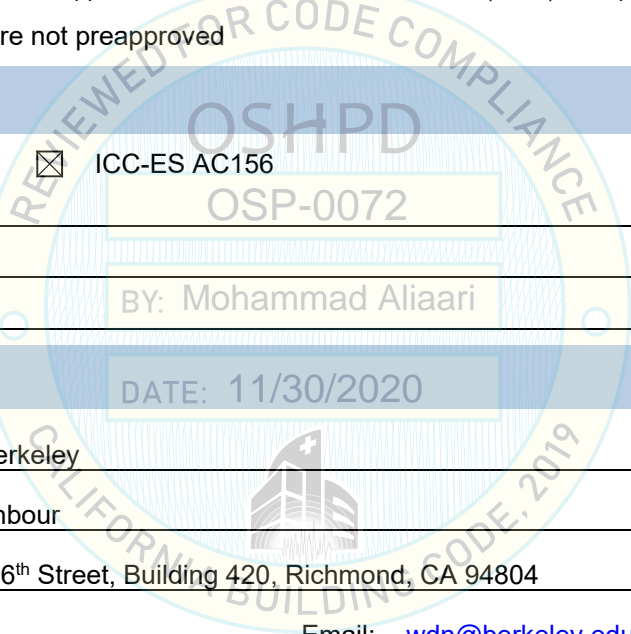
Telephone: (973)-838-1780 Email: ken.tarlow@thevmcgroup.com

Supports and Attachments Preapproval

- Supports and attachments are preapproved under OPM- _____
(Separate application for OSHPD Preapproval of Manufacturer's Certification (OPM) of Supports and attachments is required)
- Supports and attachments are not preapproved

Certification Method

- Testing in accordance with: ICC-ES AC156
- Other (Please Specify): _____



Testing Laboratory

Company Name: PEER, UC Berkeley

Contact Name: Wesley Neighbour

Mailing Address: 1301 South 46th Street, Building 420, Richmond, CA 94804

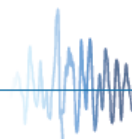
Telephone: (510)-665-3409 Email: wdn@berkeley.edu

Company Name: Dynamic Certification Laboratories

Contact Name: Kelly Laplace

Mailing Address: 1315 Greg Street, Suite 109, Sparks, NV 89432

Telephone: (775)-358-5085 Email: kelly@shaketest.com





OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
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Seismic Parameters

Design in accordance with ASCE 7-10 Chapter 13: [X] Yes [] No

Design Basis of Equipment or Components (Fp/Wp) = 1.50 (z/h = 1.0); 1.13 (z/h = 0.0)

Sds (Design spectral response acceleration at short period, g) = 2.00 (z/h = 1.0); 2.50 (z/h = 0.0)

ap (In-structure equipment or component amplification factor) = 2.5

Rp (Equipment or component response modification factor) = 6.0

Omega_0 (System overstrength factor) = 2.0

Ip (Importance factor) = 1.5

z/h (Height factor ratio) = 1.0 (Sds=2.00), 0.0 (Sds=2.50)

Equipment or Component Natural Frequencies (Hz) = See Attachments

Overall dimensions and weight (or range thereof) = See Attachments

Equipment or Components @ grade designed in accordance with ASCE 7-10 Chapter 15: [] Yes [X] No

Design Basis of Equipment or Components (V/W) =

Sds (Design spectral response acceleration at short period, g) =

Sd1 (Design spectral response acceleration at 1 second period, g) =

R (Response modification coefficient) =

Omega_0 (System overstrength factor) = by: Mohammad Aliaari

Cd (Deflection amplification factor) =

Ip (Importance factor) = 1.5

Height to Center of Gravity above base =

Equipment or Component Natural Frequencies (Hz) =

Overall dimensions and weight (or range thereof) =

Tank(s) designed in accordance with ASME BPVC, 2015: [] Yes [X] No

List of Attachments Supporting Special Seismic Certification

[X] Test Report(s) [] Drawings [] Calculations [X] Manufacturer's Catalog

[X] Other(s) (Please Specify): Attachments

OSHPD Approval (For Office Use Only) - Approval Expires on December 31, 2025

Signature: M. Aliaari Date: November 30, 2020

Print Name: Mohammad Aliaari Title: Senior Structural Engineer

Special Seismic Certification Valid Up to : Sds (g) = See Above z/h = See Above

Condition of Approval (if applicable):

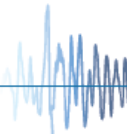


Table 1 - Certified Product Table

Product Family	Description	Model Number	Component Material	Max Dimensions [in]			Sheet Metal Thickness [in]	Max Weight [lb]	UUT
				Width	Length	Depth			
Notifier	Houses an LTE (cellular) communicator card for central station reporting	LTE-CAB-N	CRS	10.0	10.0	3.0	20 Ga	4.8	UUT-16
	Houses an GSM (cellular) communicator card for central station reporting	CELL-CAB-N	CRS	10.2	10.4	3.2	20 Ga	4.4	Extrapolated
	Houses an GSM (cellular) communicator card for central station reporting	CELL-MOD	Plastic	7.5	5.5	1.5	N/A	0.8	UUT-15
	houses an LTE (cellular) communicator card for central station reporting	LTE-MOD	Plastic	7.8	6	1.5	N/A	0.8	Extrapolated
	Annunciator Surface Box. Mounts one annunciator module.	ABS-1B	CRS / PC	4.5	8.5	1.2	16 GA	1.23	Extrapolated
	Annunciator flush box. Mounts one annunciator module.	ABF-1B	CRS	4.8	10	2.5	16 GA	2.30	Extrapolated
	Annunciator Surface Box. Mounts two annunciator modules.	ABS-2B	CRS	4.4	8.4	2	16 GA	2.40	Extrapolated
	Surface back-box for remote mounting the ACM-8R. Black.	ABS-8RB	CRS	4.6	9.9	2.5	16 GA	2.40	Extrapolated
	Remote cabinet	CAB-RM	CRS	6	8.4	4.5	16 GA	2.61	Extrapolated
	Remote cabinet, Red color	CAB-RMR	CRS	6	8.4	4.5	16 GA	2.61	Extrapolated
	Annunciator Surface Box. Deep with trim cover	ABS-1TB	CRS	6	10	3.5	16 GA	3.50	Extrapolated
	Annunciator flush box. One module. With window	ABF-1DB	CRS / PC	6	17	3.5	16 GA	3.60	Extrapolated

Notes

- 1) The LTE-MOD is identical to the CELL-MOD except for software
- 2) The CELL-CAB-N is identical to the LTE-CAD-N except for software
- 3) Honeywell is the Manufacturer for all listed Enclosures
- 4) CRS = cold rolled steel
- 5) PC = polycarbonate
- 6) All units certified, as tested, for rigid wall mounting at $S_{DS}= 2.0$ ($z/h=1$), and $S_{DS}=2.5$ ($z/h=0$)

Table 1 - Certified Product Table (Continued)

Product Family	Description	Model Number	Component Material	Max Dimensions [in]			Sheet Metal Thickness [in]	Max Weight [lb]	UUT
				Width	Length	Depth			
Notifier	Annunciator flush box. Mounts two annunciator modules.	ABF-2B	CRS	9.9	9.2	3.8	16 GA	4.90	Extrapolated
	Backbox, UDACT, with viewing window and optional relay mount.	UBS-1	CRS	9.3	12.3	2.8	16 GA	4.90	Extrapolated
	Metal enclosure with solid door for remote mounting of the UDACT-2, Red	UBS-1R	CRS	9.3	12.3	2.8	16 GA	4.90	Extrapolated
	Metal enclosure with solid door for remote mounting of the UDACT-2, Black	UBS-1B	CRS	9.3	12.3	2.8	16 GA	4.90	Extrapolated
	Annunciator flush box. Two modules. With window	ABF-2DB	CRS / PC	10.5	10.7	3.5	16 GA	5.10	Extrapolated
	Optional enclosure for the UZC-256	BB-UZC	CRS	9.2	12.2	3.7	16 GA	5.90	Extrapolated
	Optional enclosure for the UZC-256, red	BB-UZC-R	CRS	3.2	12.2	6.4	16 GA	5.90	Extrapolated
	Cabinet for two XP boards, surface mount.	BB-XP	CRS	9.2	12.2	3.7	16 GA	5.90	Extrapolated
	Annunciator flush box. Mounts four annunciator modules.	ABF-4B	CRS	9.9	17.8	2.5	16 GA	6.70	Extrapolated
	ACPS stand-alone Cabinet.	CAB-PS1	CRS	14.5	15	4.5	16 GA	32.00	UUT-08
	Annunciators surface (or semi-flush) mount 2 annunciators.	ABS-2D	CRS / PC	12	12	5.3	16 GA	9.00	Interpolated
	Annunciators surface (or semi-flush) mount 2 annunciators. Red	ABS-2DR	CRS / PC	12	12	5.3	16 GA	9.00	Interpolated
	Fire Phone storage cabinet, recessed, holds 6 phones.	FHSC-R	CRS	13.7	17	3.3	18 GA	9.50	Interpolated
	Fire Phone storage cabinet, surface mount, holds 6 phones.	FHSC-S	CRS	13.7	17	3.3	18 GA	9.50	Interpolated
	Annunciators surface (or semi-flush) mount 4 annunciators.	ABS-4D	CRS / PC	12	19.9	5.2	16 GA	12.30	Interpolated
Cabinet for DVC-RPU, Black	CAB-RP	CRS / PC	12	19.9	5.2	16 GA	17.00	UUT-03	

Notes

- 1) Honeywell is the Manufacturer for all listed Enclosures
- 2) CRS = cold rolled steel
- 3) PC = polycarbonate
- 4) All units certified, as tested, for rigid wall mounting at $S_{Ds} = 2.0$ ($z/h=1$), and $S_{Ds}=2.5$ ($z/h=0$)

Table 1 - Certified Product Table (Continued)

Product Family	Description	Model Number	Component Material	Max Dimensions [in]			Sheet Metal Thickness [in]	Max Weight [lb]	UUT
				Width	Length	Depth			
Notifier	Cabinet for DVC-RPU, Red	CAB-RPR	CRS / PC	12	19.9	5.2	16 GA	12.40	Interpolated
	Annunciators surface (or semi-flush) mount 4 annunciators. Red	ABS-4DR	CRS / PC	12	19.9	5.2	16 GA	13.30	Interpolated
	Cabinet, mounts up to six XP6 boards or ACPS-610	BB-25	CRS	24	12.6	6.5	16 GA	19.60	Interpolated
	Backbox with Door	FIRSTVISION-ENC	CRS	24.5	21.9	3.5	16 GA	46.00	UUT-12
	Backbox with Door	FIRSTVISION-ENC	CRS	24.5	21.9	3.5	16 GA	47.00	UUT-09
	NFS Large Battery Backbox, houses up to two 55 AH batteries, black.	NFS-LBB	CRS	23.4	14.8	9	16 GA	23.30	Interpolated
	NFS Large Battery Backbox, houses up to two 55 AH batteries, red.	NFS-LBBR	CRS	23.4	14.8	9	16 GA	23.30	Interpolated
	Power Supply and Battery Enclosure. Mounts AMPS-24 power supply.	BB-100	CRS	30.3	22.5	8.5	14 GA	39.00	Interpolated
	Same as BB-100 in red	BB-100R	CRS	30.3	22.5	8.5	14 GA	39.00	Interpolated
	Same as BB-200 in red	BB-200R	CRS	30	36	8.6	14 GA	62.20	Interpolated
Power Supply and Battery Enclosure. Mounts AMPS-24 power supply. Will hold four batteries.	BB-200	CRS	30	36	8.6	14 GA	350.00	UUT-10	

Notes

- 1) Honeywell is the Manufacturer for all listed Enclosures
- 2) CRS = cold rolled steel
- 3) PC = polycarbonate
- 4) All units certified, as tested, for rigid wall mounting at $S_{DS}= 2.0$ ($z/h=1$), and $S_{DS}=2.5$ ($z/h=0$)

Table 2 - Alternate Branding OEM Chart

NOTIFIER Model Number	UUT	Private Label/OEM Model Numbers						
		Fire-Lite	Gamewell FCI	TYCO Fire Protection (Ansul)	Honeywell	Johnson Controls Inc (JCI)	Minimax	Silent Knight
ABS-1TB	N/A	N/A	N/A	N/A	XLS-ABS-1TB	JABS-1TB	N/A	N/A
ABF-1DB	N/A	N/A	N/A	N/A	XLS-ABF-1DB	JABF-1DB	N/A	N/A
ABF-2B	N/A	N/A	N/A	N/A	XLS-ABF-2B	JABF-2B	N/A	N/A
ABF-4B	N/A	N/A	N/A	N/A	XLS-ABF-4B	JABF-4B	N/A	N/A
ABS-2D	N/A	N/A	N/A	N/A	XLS-ABS-2D	JABS-2D	N/A	N/A
ABS-2DR	N/A	N/A	N/A	N/A	XLS-ABS-2DR	JABS-2DR	N/A	N/A
ABS-4D	N/A	N/A	N/A	N/A	XLS-ABS-4D	JABS-4D	N/A	N/A
CAB-RP	UUT-03	N/A	N/A	N/A	XLS-CAB-RP	JCAB-RP	N/A	N/A
CAB-RPR	N/A	N/A	N/A	N/A	XLS-CAB-RPR	JCAB-RPR	N/A	N/A
ABS-4DR	N/A	N/A	N/A	N/A	XLS-ABS-4DR	JABS-4DR	N/A	N/A
FIRSTVISION-ENC	UUT-09	N/A	N/A	N/A	XLS-FRI-ENC	IFA-1000-ENC	N/A	N/A
NFS-LBB	N/A	N/A	N/A	N/A	XLS-NFS-LBB	JNFS-LBB	N/A	N/A
NFS-LBBR	N/A	N/A	N/A	N/A	XLS-NFS-LBBR	JNFS-LBBR	N/A	N/A
NFS-320	UUT-11	N/A	N/A	AP-IQ318	XLS120	IFC-320	MX-320	N/A
NFS-320R	N/A	N/A	N/A	N/A	XLS120R	IFC-320R	N/A	N/A
NFS-320C	N/A	N/A	N/A	AP-IQ318C/2020	XLS120C	IFC-320C	MX-320C	N/A
NFS-320-PO	N/A	N/A	N/A	N/A	XLS120-PO	IFC-320-PO	N/A	N/A
NFS-320-SP	N/A	N/A	N/A	N/A	XLS120-SP	IFC-320-SP	N/A	N/A
NFS-320E	N/A	N/A	N/A	AP-IQ-318E	XLS120E	IFC-320E	MX-320E	N/A
NFS-320E-PO	N/A	N/A	N/A	N/A	XLS120E-PO	IFC-320E-PO	N/A	N/A
NFS-320E-SP	N/A	N/A	N/A	N/A	XLS120E-SP	IFC-320E-SP	N/A	N/A
NFS-320C-FR	N/A	N/A	N/A	N/A	XLS120C-FR	IFC-320C-FR	N/A	N/A
DR-AA4	N/A	N/A	N/A	N/A	XLS-DR-AA4	JDR-AA4	N/A	N/A
DR-AA4R	N/A	N/A	N/A	N/A	XLS-DR-AA4R	JDR-AA4R	N/A	N/A
DR-AA4B	N/A	N/A	N/A	N/A	XLS-DR-AA4B	JDR-AA4B	N/A	N/A
DR-AA4BR	N/A	N/A	N/A	N/A	XLS-DR-AA4BR	JDR-AA4BR	N/A	N/A
DR-A4	N/A	N/A	N/A	N/A	XLS-DR-A4	JDR-A4	N/A	N/A
DR-A4R	N/A	N/A	N/A	ANSUL-DR-A4	XLS-DR-A4R	JDR-A4R	N/A	N/A
DR-A4B	N/A	N/A	N/A	N/A	XLS-DR-A4B	JDR-A4B	N/A	N/A
DR-A4BR	N/A	N/A	N/A	N/A	XLS-DR-A4BR	JDR-A4BR	N/A	N/A
DR-B4	N/A	N/A	N/A	N/A	XLS-DR-B4	JDR-B4	N/A	N/A

Note: This table lists the OEM model numbers for alternate branding of the certified Notifier model numbers of this OSP. Alternately branded models are identical to certified Notifier models except for appearance (color, labeling, branding)

Table 2 - Alternate Branding OEM Chart (Continued)

NOTIFIER Model Number	UUT	Private Label/OEM Model Numbers						
		Fire-Lite	Gamewell FCI	TYCO Fire Protection (Ansul)	Honeywell	Johnson Controls Inc (JCI)	Minimax	Silent Knight
DR-B4R	N/A	N/A	N/A	ANSUL-DR-B4	XLS-DR-B4R	JDR-B4R	N/A	N/A
ADDR-B4	N/A	N/A	N/A	N/A	XLS-ADDR-B4	JADDR-B4	N/A	N/A
ADDR-B4R	N/A	N/A	N/A	N/A	XLS-ADDR-B4R	JADDR-B4R	N/A	N/A
DR-D4B	N/A	N/A	FCI-DR-D4B	N/A	XLS-DR-D4B	JDR-D4B	N/A	N/A
DR-D4BR	N/A	N/A	FCI-DR-D4BR	N/A	XLS-DR-D4BR	JDR-D4BR	N/A	N/A
DR-B4B	N/A	N/A	N/A	N/A	XLS-DR-B4B	JDR-B4B	N/A	N/A
DR-B4BR	N/A	N/A	N/A	N/A	XLS-DR-B4BR	JDR-B4BR	N/A	N/A
EQDR-B4	N/A	N/A	N/A	N/A	EQDR-B4-H	Not Branded	N/A	N/A
EQDR-B4R	N/A	N/A	N/A	N/A	EQDR-B4-HR	Not Branded	N/A	N/A
DR-C4	N/A	N/A	N/A	N/A	XLS-DR-C4	JDR-C4	N/A	N/A
DR-C4R	N/A	N/A	N/A	ANSUL-DR-C4	XLS-DR-C4R	JDR-C4R	N/A	N/A
ADDR-C4	N/A	N/A	N/A	N/A	XLS-ADDR-C4	JADDR-C4	N/A	N/A
ADDR-C4R	N/A	N/A	N/A	N/A	XLS-ADDR-C4R	JADDR-C4R	N/A	N/A
DR-C4B	N/A	N/A	FCI-DR-C4B	N/A	XLS-DR-C4B	JDR-C4B	N/A	N/A
DR-C4BR	N/A	N/A	FCI-DR-C4BR	N/A	XLS-DR-C4BR	JDR-C4BR	N/A	N/A
EQDR-C4	N/A	N/A	N/A	N/A	EQDR-C4-H	Not Branded	N/A	N/A
EQDR-C4R	N/A	N/A	N/A	N/A	EQDR-C4-HR	Not Branded	N/A	N/A
DR-D4	N/A	N/A	N/A	N/A	XLS-DR-D4	JDR-D4	N/A	N/A
DR-D4R	N/A	N/A	N/A	ANSUL-DR-D4	XLS-DR-D4R	JDR-D4R	N/A	N/A
ADDR-D4	N/A	N/A	N/A	N/A	XLS-ADDR-D4	JADDR-D4	N/A	N/A
ADDR-D4R	N/A	N/A	N/A	N/A	XLS-ADDR-D4R	JADDR-D4R	N/A	N/A
EQDR-D4	N/A	N/A	FCI -VDR	N/A	EQDR-D4-H	Not Branded	N/A	N/A
EQDR-D4R	N/A	N/A	N/A	N/A	EQDR-D4-HR	Not Branded	N/A	N/A
FIRSTVISION-LCD	N/A	N/A	N/A	N/A	XLS-FRI-LCD	IFA-1000-LCD	N/A	N/A
FIRSTVISION-LCD	N/A	N/A	N/A	N/A	XLS-FRI-LCD	IFA-1000-LCD	N/A	N/A
CHG-75	N/A	N/A	FCI-CHG-120E	Not Branded	Not Branded	Not Branded	Not Branded	N/A
CHG-120	N/A	N/A	FCI-CHG-120	Not Branded	Not Branded	Not Branded	Not Branded	N/A
N/A	N/A	N/A	N/A	N/A	XLS-LCM-320	Not Branded	N/A	N/A
N/A	N/A	N/A	N/A	N/A	XLS-LEM-320	Not Branded	N/A	N/A
NFN-GW-EM-3	N/A	N/A	N/A	N/A	XLS-GW-EM-3	JNFN-GW-EM-3	N/A	N/A
NWS-3	N/A	N/A	N/A	N/A	HWS-3	JWS-3	N/A	N/A

Note: This table lists the OEM model numbers for alternate branding of the certified Notifier model numbers of this OSP. Alternately branded models are identical to certified Notifier models except for appearance (color, labeling, branding)

Table 2 - Alternate Branding OEM Chart (Continued)

NOTIFIER Model Number	UUT	Private Label/OEM Model Numbers						
		Fire-Lite	Gamewell FCI	TYCO Fire Protection (Ansul)	Honeywell	Johnson Controls Inc (JCI)	Minimax	Silent Knight
LEDSIGN-GW	N/A	N/A	N/A	N/A	XLS-LEDSIGN-GW	JLEDSIGN-GW	N/A	N/A
CAP-GW	N/A	N/A	N/A	N/A	N/A	JCAP-GW	N/A	N/A
VESDA-HLI-GW	N/A	N/A	N/A	Not Branded	Not Branded	Not Branded	N/A	N/A
DVC-EM	N/A	N/A	N/A	N/A	XLS-DVC-EM	JDVC-EM	N/A	N/A
NCA-2-FR	N/A	N/A	N/A	N/A	XLS-NCA2-FR	JNCA-2-FR	N/A	N/A
NCA-2-PO	N/A	N/A	N/A	N/A	XLS-NCA2-PO	JNCA-2-PO	N/A	N/A
NCA-2-SP	N/A	N/A	N/A	N/A	XLS-NCA2-SP	JNCA-2-SP	N/A	N/A
NCA-2-SC	N/A	N/A	N/A	N/A	XLS-NCA2-SC	JNCA-2-SC	N/A	N/A
NCA-2-TC	N/A	N/A	N/A	N/A	N/A	JNCA-2-TC	N/A	N/A
NCA-2-M	N/A	N/A	N/A	N/A	XLS-NCA2M	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	XLS-NCA2-RU	N/A	N/A	N/A
NCA-2	N/A	N/A	N/A	AP-NCA-2	XLS-NCA2	JNCA-2	N/A	N/A
CPU2-3030D-FR	N/A	N/A	N/A	N/A	XLS3000-CPUD-FR	JCPU2-3030D-FR	N/A	N/A
CPU2-3030D-PO	N/A	N/A	N/A	N/A	XLS3000-CPUD-PO	JCPU2-3030D-PO	N/A	N/A
CPU2-3030D-SP	N/A	N/A	N/A	N/A	XLS3000-CPUD-SP	JCPU2-3030D-SP	N/A	N/A
CPU2-3030D-SC	N/A	N/A	N/A	N/A	XLS3000-CPUD-SC	JCPU2-3030D-SC	N/A	N/A
CPU2-3030D-TC	N/A	N/A	N/A	N/A	N/A	JCPU2-3030D-TC	N/A	N/A
CPU2-3030ND	N/A	N/A	N/A	N/A	XLS3000-CPUND	JCPU2-3030ND	N/A	N/A
CPU2-3030ND-FR	N/A	N/A	N/A	N/A	N/A	JCPU2-3030ND-FR	N/A	N/A
CPU2-3030ND-PO	N/A	N/A	N/A	N/A	N/A	JCPU2-3030ND-PO	N/A	N/A
CPU2-3030ND-SP	N/A	N/A	N/A	N/A	N/A	JCPU2-3030ND-SP	N/A	N/A
CPU2-3030ND-SC	N/A	N/A	N/A	N/A	N/A	JCPU2-3030ND-SC	N/A	N/A
CPU2-3030ND-TC	N/A	N/A	N/A	N/A	N/A	JCPU2-3030ND-TC	N/A	N/A
CPU2-3030D-M	N/A	N/A	N/A	N/A	XLS3000-CPUD-M	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	XLS3000-CPUD-RU	N/A	N/A	N/A
CPU2-3030D	N/A	N/A	N/A	N/A	XLS3000-CPUD	JCPU2-3030D	N/A	N/A
CPU2-640-FR	N/A	N/A	N/A	N/A	XLS140-CPU2-FR	JCPU2-640-FR	N/A	N/A
CPU2-640-PO	N/A	N/A	N/A	N/A	XLS140-CPU2-PO	JCPU2-640-PO	N/A	N/A
CPU2-640-SP	N/A	N/A	N/A	N/A	XLS140-CPU2-SP	JCPU2-640-SP	N/A	N/A
CPU2-640E	N/A	N/A	N/A	AP-IQ636X-CPU2E	XLS140-CPU2E	JCPU2-640E	N/A	N/A

Note: This table lists the OEM model numbers for alternate branding of the certified Notifier model numbers of this OSP. Alternately branded models are identical to certified Notifier models except for appearance (color, labeling, branding)

Table 2 - Alternate Branding OEM Chart (Continued)

NOTIFIER Model Number	UUT	Private Label/OEM Model Numbers						
		Fire-Lite	Gamewell FCI	TYCO Fire Protection (Ansul)	Honeywell	Johnson Controls Inc (JCI)	Minimax	Silent Knight
CPU2-640E-PO	N/A	N/A	N/A	N/A	XLS140-CPU2E-PO	JCPU2-640E-PO	N/A	N/A
CPU2-640E-SP	N/A	N/A	N/A	N/A	XLS140-CPU2E-SP	JCPU2-640E-SP	N/A	N/A
CPU2-640	N/A	N/A	N/A	AP-IQ636X-CPU2	XLS140-CPU2	JCPU2-640	N/A	N/A
LTE-CAB-N	UUT-16	CELL-CAB-FL CELL-CAB-FLC	CELL-CAB-GWF	N/A	N/A	N/A	N/A	LTE-CAB-SK
CELL-CAB-N	N/A	LTE-CAB-FL LTE-CAB-FLC	N/A	N/A	N/A	N/A	N/A	CELL-CAB-SK
N/A	UUT-15	CELL-MOD CELL-MODC	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	LTE-MOD	N/A	N/A	N/A	N/A	N/A	N/A
NFW-100X	N/A	ES-200X	N/A	N/A	N/A	N/A	N/A	N/A
NFW-100XC	UUT-13	ES-200XC	N/A	N/A	N/A	N/A	N/A	N/A
NFW-100XC-FR	N/A	ES-200XC-FR	N/A	N/A	N/A	N/A	N/A	N/A
NFW-100XE	N/A	ES-200X	N/A	N/A	N/A	N/A	N/A	N/A
NFW-100XR	N/A	ES-200XR	N/A	N/A	N/A	N/A	N/A	N/A
FireWarden-100X	N/A	ES-200XR	N/A	N/A	N/A	N/A	N/A	N/A
NFW-50X	UUT-14	ES-50X	N/A	N/A	N/A	N/A	N/A	N/A
NFW-50XC	N/A	ES-50XC	N/A	N/A	N/A	N/A	N/A	N/A
NFW-50XC-FR	N/A	ES-50XC-FR	N/A	N/A	N/A	N/A	N/A	N/A
NFW-50XE	N/A	ES-50X	N/A	N/A	N/A	N/A	N/A	N/A
NFW-50XR	N/A	ES-50XR	N/A	N/A	N/A	N/A	N/A	N/A
FireWarden-50X	N/A	ES-50X	N/A	N/A	N/A	N/A	N/A	N/A
PSE-6	UUT-17	FL-PS6	GWF-PS6	N/A	HPF-PS6(B)	N/A	N/A	SK-PS6
PSE-6C	N/A	FL-PS6C	N/A	N/A	N/A	N/A	N/A	N/A
PSE-6E	N/A	N/A	N/A	N/A	HPF-PS6E	N/A	N/A	N/A
PSE-6R	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PSE-10	UUT-18	FL-PS10	GWF-PS10	N/A	HPF-PS10(B)	N/A	N/A	SK-PS10
PSE-10C	N/A	FL-PS10C	N/A	N/A	N/A	N/A	N/A	N/A
PSE-10E	N/A	N/A	N/A	N/A	HPF-PS10E	N/A	N/A	N/A
PSE-10R	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Note: This table lists the OEM model numbers for alternate branding of the certified Notifier model numbers of this OSP. Alternately branded models are identical to certified Notifier models except for appearance (color, labeling, branding)

Table 3 - Certified Enclosure Fire Panels

Model Number	Description	Component Material	Max Dimensions [in]			Sheet Metal Thickness [in]	Max Weight [lb]	UUT
			Width	Length	Depth			
NFS-320	Intelligent Fire Alarm Panel; Single Printed Circuit Board with one SLC loop, Back-lit, 80 Char. Display, System & Programming Keypad and Power Supply, 120VAC	CRS/PCB	18.3	18.5	6	16 GA backbox & 18 GA (Door)	29.50	UUT-11
NFS-320R	NFS-320 Red - 120VAC	CRS/PCB	18.3	18.5	6	16 GA backbox & 18 GA (Door)	29.50	Extrapolated
NFS-320C	NFS-320 ULC - 120VAC	CRS/PCB	18.3	18.5	6		29.50	Extrapolated
NFS-320-PO	NFS-320, Black - 120 VAC, Portuguese	CRS/PCB	18.3	18.5	6		29.50	Extrapolated
NFS-320-SP	NFS-320, Black - 120 VAC, Spanish	CRS/PCB	18.3	18.5	6		29.50	Extrapolated
NFS-320E	NFS-320 - 240 VAC	CRS/PCB	18.3	18.5	6		29.50	Extrapolated
NFS-320E-PO	NFS-320, Black - 240 VAC, Portuguese	CRS/PCB	18.3	18.5	6		29.50	Extrapolated
NFS-320E-SP	NFS-320, Black - 240 VAC, Spanish	CRS/PCB	18.3	18.5	6		29.50	Extrapolated
NFS-320C-FR	NFS-320, Black - 240 VAC, French	CRS/PCB	18.3	18.5	6		29.50	Extrapolated
NFW-100X	198-Point Addressable Fire Alarm Control Panel	CRS/PCB	16.7	19	5.2	18 GA	44.85	Extrapolated
ES-200XC	198-Point Addressable Fire Alarm Control Panel, French Canadian	CRS/PCB	16.7	19	5.2	18 GA	48.70	UUT-13
NFW-100XC	198-Point Addressable Fire Alarm Control Panel, French Canadian	CRS/PCB	16.7	19	5.2	18 GA	48.70	Interpolated
NFW-100XC-FR	198-Point Addressable Fire Alarm Control Panel, French Canadian	CRS/PCB	16.7	19	5.2	18 GA	48.70	Interpolated
NFW-100XE	198-Point Addressable Fire Alarm Control Panel	CRS/PCB	16.7	19	5.2	18 GA	44.85	Interpolated
NFW-100XR	198-Point Addressable Fire Alarm Control Panel, Red	CRS/PCB	16.7	19	5.2	18 GA	44.85	Interpolated
ES-50X	50-Point Addressable Fire Alarm Control Panel	CRS/PCB	16.7	19	5.2	18 GA	33.00	UUT-14
NFW-50X	50-Point Addressable Fire Alarm Control Panel	CRS/PCB	16.7	19	5.2	18 GA	44.85	Extrapolated
NFW-50XC	50-Point Addressable Fire Alarm Control Panel, Canadian	CRS/PCB	16.7	19	5.2	18 GA	48.70	Extrapolated
NFW-50XC-FR	50-Point Addressable Fire Alarm Control Panel, French Canadian	CRS/PCB	16.7	19	5.2	18 GA	48.70	Extrapolated
NFW-50XE	50-Point Addressable Fire Alarm Control Panel	CRS/PCB	16.7	19	5.2	18 GA	44.85	Extrapolated
NFW-50XR	50-Point Addressable Fire Alarm Control Panel, Red	CRS/PCB	16.7	19	5.2	18 GA	44.85	Extrapolated

Notes

- 1) All NFS panels are identical except for software and color
- 2) All 50 Point Addressable Panels that weigh 44.85 lbs are identical except for software and color
- 3) All 50 Point Addressable Panels that weight 48.7 lbs are identical except for software and color
- 4) All 198 Point Addressable Panels that weigh 44.85 lbs are identical except for software and color
- 5) All 198 Point Addressable Panels that weight 48.7 lbs are identical except for software and color
- 6) Honeywell is the Manufacturer for all listed Enclosure Fire Panels
- 7) PCB = printed circuit board
- 8) CRS = cold rolled steel

Table 4 - Certified Enclosure Back Boxes

Model Number	Description	Component Material	Max Dimensions [in]			Sheet Metal Thickness [in]	Max Weight [lb]	UUT
			Width	Length	Depth			
AFAWS-BX	Back Box, Flush Or Surface Mount; Requires A Door & Telephone Chassis	CRS	15	8.4	3.4	16 GA	3.85	Extrapolated
SBB-AA4	AA Size Back Box, Black	CRS	24	13.9	5.2	16 GA	13.70	Extrapolated
SBB-AA4R	AA Size Back Box, Red	CRS	24	13.9	5.2	16 GA	13.70	Extrapolated
SBB-A4	Back Box, 1 Chassis, Black	CRS	24	20	5.2	16 GA	16.75	UUT-07
SBB-A4R	Back Box, 1 Chassis, Red	CRS	24	20	5.2	16 GA	16.75	Interpolated
EQBB-B4	B Sized Equipment Box	CRS	24	28.5	5.2	16 GA	22.20	UUT-06
EQBB-B4R	B Sized Equipment Box, Red	CRS	24	28.5	5.2	16 GA	22.20	Interpolated
SBB-B4	Back Box, 2 Chassis, Black	CRS	24	28.5	5.2	16 GA	22.20	Interpolated
SBB-B4R	Back Box, 2 Chassis, Red	CRS	24	28.5	5.2	16 GA	22.20	Interpolated
EQBB-C4	C Sized Equipment Box	CRS	37.1	24	5.2	16 GA	27.50	Interpolated
EQBB-C4R	C Sized Equipment Box, Red	CRS	24	37.1	5.2	16 GA	27.50	Interpolated
SBB-C4	Back Box, 3 Chassis, Black	CRS	24	37.1	5.2	16 GA	27.50	UUT-04,-05
SBB-C4R	Back Box, 3 Chassis, Red	CRS	24	37.1	5.2	16 GA	27.50	Interpolated
EQBB-D4	D Sized Equipment Box	CRS	24	45.8	5.2	16 GA	39.00	UUT-02
EQBB-D4R	D Sized Equipment Box, Red	CRS	24	45.8	5.2	16 GA	39.00	Interpolated
SBB-D4	Back Box, 4 Chassis, Black	CRS	24	45.8	5.2	16 GA	39.00	UUT-01
SBB-D4R	Back Box, 4 Chassis, Red	CRS	24	45.8	5.2	16 GA	39.00	Extrapolated

Notes

- 1) SBB-D4R is identical to the SBB-D4 except for color
- 2) EQBB-D4R is identical to the EQBB-D4 except for color
- 3) Honeywell is the Manufacturer for all listed Enclosure Back Boxes
- 4) CRS = cold rolled steel

Table 5 - Certified Enclosure Doors

Model Number	Description	Component Material	Max Dimensions [in]			Sheet Metal Thickness [in]	Max Weight [lb]	UUT
			Width	Length	Depth			
DR-AA4	AA Size Door With Window	CRS / PC	24	14.3	1.3	16 GA	6.40	Extrapolated
DR-AA4R	AA Size Door With Window, Red	CRS / PC	24	14.3	1.3	16 GA	6.40	Extrapolated
DR-AA4B	AA Size Door Without Window	CRS	24	14.3	1.3	16 GA	7.30	Extrapolated
DR-AA4BR	AA Size Door Without Window, Red	CRS	24	14.3	1.3	16 GA	7.30	Extrapolated
AFAWS-KS	Door, Flush Mount, Key Lock	CRS	15.3	8.8	0.5	16 GA	2.75	Extrapolated
AFAWS-KR	Door, Surface Mount, Key Lock	CRS	15.3	8.8	0.5	16 GA	2.75	Extrapolated
AFAWS-LR	Door, Flush Mount, Latch Style Lock	CRS	15.3	8.8	0.5	16 GA	2.75	Extrapolated
AFAWS-LS	Door, Surface Mount, Latch Style Lock	CRS	15.3	8.8	0.5	16 GA	2.75	Extrapolated
DR-A4	A Sized Door	CRS / PC	24	20	1.3	16 GA	10.00	UUT-07
DR-A4R	A Sized Door, Red	CRS / PC	24	20	1.3	16 GA	10.00	Interpolated
DR-A4B	A Sized Door, Without Window	CRS	24	20	1.3	16 GA	10.30	Interpolated
DR-A4BR	A Sized Door, Without Window, Red	CRS	24	20	1.3	16 GA	10.30	Interpolated
DR-B4	B Sized Door	CRS / PC	24	28.5	1.3	16 GA	12.30	Interpolated
DR-B4R	B Sized Door, Red	CRS / PC	24	28.5	1.3	16 GA	12.30	Interpolated
ADDR-B4	Audio Door For B4 Sized Back Box	CRS / PC	24	28.5	1.3	16 GA	12.30	Interpolated
ADDR-B4R	Audio Door For B4 Sized Back Box, Red	CRS / PC	24	28.5	1.3	16 GA	12.30	Interpolated
DR-D4B	D Sized Door, Without Window	CRS	24	28.5	1.3	16 GA	24.50	Interpolated
DR-D4BR	D Sized Door, Without Window, Red	CRS	24	28.5	1.3	16 GA	24.50	Interpolated
DR-B4B	B Sized Door, Without Window	CRS	24	28.5	1.3	16 GA	13.75	Interpolated
DR-B4BR	B Sized Door, Without Window, Red	CRS	24	28.5	1.3	16 GA	13.75	Interpolated
EQDR-B4	B Sized Equipment Box Door	CRS	24	28.5	1.3	16 GA	11.00	UUT-06
EQDR-B4R	B Sized Equipment Box Door, Red	CRS	24	28.5	1.3	16 GA	11.00	Interpolated
DR-C4	C Sized Door	CRS / PC	24	37.1	1.3	16 GA	15.30	UUT-04,-05

Notes

- 1) Honeywell is the manufacturer for all Enclosure Doors
- 2) CRS = cold rolled steel
- 3) PC = polycarbonate

Table 5 - Certified Enclosure Doors (Continued)

Model Number	Description	Component Material	Max Dimensions [in]			Sheet Metal Thickness [in]	Max Weight [lb]	UUT
			Width	Length	Depth			
DR-C4R	C Sized Door, Red	CRS / PC	24	37.3	1.3	16 GA	15.30	Interpolated
ADDR-C4	Audio Door For C4 Sized Back Box	CRS / PC	24	37.3	1.3	16 GA	15.30	Interpolated
ADDR-C4R	Audio Door For C4 Sized Back Box, Red	CRS / PC	24	37.3	1.3	16 GA	15.30	Interpolated
DR-C4B	C Sized Door, Without Window	CRS	24	37.3	1.3	16 GA	17.80	Interpolated
DR-C4BR	C Sized Door, Without Window, Red	CRS	24	37.3	1.3	16 GA	17.80	Interpolated
EQDR-C4	C Sized Equipment Box Door	CRS	24	37.3	1.3	16 GA	12.00	Interpolated
EQDR-C4R	C Sized Equipment Box Door, Red	CRS	24	37.3	1.3	16 GA	12.00	Interpolated
DR-D4	D Sized Door	CRS / PC	24	45.8	1.3	16 GA	17.50	Interpolated
DR-D4R	D Sized Door, Red	CRS / PC	24	45.8	1.3	16 GA	17.50	Interpolated
ADDR-D4	Audio Door For D4 Sized Back Box	CRS / PC	24	45.8	1.3	16 GA	17.50	UUT-01
ADDR-D4R	Audio Door For D4 Sized Back Box, Red	CRS / PC	24	45.8	1.3	16 GA	17.50	Interpolated
EQDR-D4	D Sized Equipment Box Door	CRS	24	45.8	1.3	16 GA	13.00	UUT-02
EQDR-D4R	D Sized Equipment Box Door, Red	CRS	24	45.8	1.3	16 GA	13.00	Extrapolated

Notes

- 1) EQDR-D4R is identical to the EQDR-D4 except for color
- 2) Honeywell is the manufacturer for all Enclosure Doors
- 3) CRS = cold rolled steel
- 4) PC = polycarbonate



Table 6 - Certified Dress Panels

Model Number	Description	Component Material	Max Dimensions [in]			Sheet Metal Thickness [in]	Max Weight [lb]	UUT
			Width	Length	Depth			
ABM-1	ACM-32A/ACM-16AT Annunciator Blank Plate	Aluminum	< 0.1	< 0.1	< 0.1	0.060	0.30	Extrapolated
BM-1B	Blank Module Dress Plate; Used To Cover Annunciator Positions Or Panel Positions	CRS	4.5	8.5	0.2	16 GA	0.70	Extrapolated
BMP-1	Blank Module Dress Plate; Used To Cover Annunciator Positions. Also Mounts Some Option Modules	CRS	4.5	8.5	0.2	16 GA	0.70	UUT-01,-05
VP-2B	2" Filler Dress Plate; Used When The ADP-4B Is Installed In The Top Row Of A CAB-4 Series Back Box	CRS	22.6	1.9	0.3	16 GA	1.00	Interpolated
DPA-1	Dress Plate, DVC, One Row	CRS	22	8.5	0.5	16 GA	1.80	Interpolated
DPA-1A4	Dress Plate For CA-1, Supports DVC-KD With 2 Annunciator Positions	CRS	22	8.5	0.5	16 GA	1.80	Interpolated
DP-CFFT	Dress Plate Used With CFFT-1	CRS	22.6	8.6	0.4	16 GA	1.80	Interpolated
ADP-4B	Dress Plate, Annunciator, Mounts Acs Annunciators And NCMs	CRS	8.6	22.5	0.4	16 GA	2.10	UUT-01,-05
DP-DISP	Dress Plate, Display, Black	CRS	10.5	22.5	0.5	16 GA	2.10	UUT-07
ADP2-640	Blank Module Dress Plate; Used To Cover Annunciator Positions	CRS	8.6	22.5	0.6	16 GA	2.20	Interpolated
DP-DISP2	Dress Plate Used When CPU2-640 Is Mounted On Top Row	CRS	10.5	22.5	0.6	16 GA	2.20	UUT-05
BP2-4	Battery Dress Panel For CAB-4 Series	CRS	8.7	22.5	0.5	16 GA	2.60	UUT-01
DP-ES-R	Dress Panel For NFW-50X/NFW-100XC	CRS	16.3	18.9	0.4	16 GA	3.75	UUT-13,-14
DP-1B	Dress Panel Blank; Covers Unused Cabinet Row(s), Black	CRS	22	8.5	0.5	16 GA	3.80	UUT-01
BP-CA2	Blank Dress Plate For CA-2. Used With NFS2-640, NFS2-640E	CRS	19	22.7	0.5	16 GA	4.90	Interpolated
DPA-2B	Dress Plate, DVC, Two Rows	CRS	22.6	17.9	1.3	16 GA	5.90	UUT-01
DP-ES-B	Dress Panel For NFW2-100 Series, Black	CRS	16.3	18.9	0.4	18 GA	3.85	UUT-13
DP-ES-R	Dress Panel For NFW2-100 Series, Red	CRS	16.3	18.9	0.4	18 GA	3.85	Extrapolated

Notes

- 1) DP-ES-R is identical to the DP-ES-B except for color
- 2) Honeywell is the manufacturer for all Dress Panels
- 3) CRS = cold rolled steel

Table 7 - Certified Chassis

Model Number	Description	Component Material	Max Dimensions [in]			Sheet Metal Thickness [in]	Max Weight [lb]	UUT
			Width	Length	Depth			
IPCHSKIT	Chassis To Mount IP Communicator	Aluminum	6.9	4.4	0.4	0.06	0.20	UUT-05
NCA-2RETRO	Retro-Fit Plate For Mounting NCA2 On A ADP-4B Or In An ABS-4B Enclosure	CRS	7	1	0.5	16 GA	0.30	Extrapolated
NCA/640-2-KIT	Kit For Mounting NCA-2 To The CHS2-M2 Chassis For The NFS2-640	CRS	0.6	10.3	0.4	16 GA	0.32	Extrapolated
RM-1SA	Microphone Assembly For Mounting In An CAB-RM Cabinet	CRS	3.5	8.3	2.1	18 GA	1.30	Extrapolated
CHS-2D	Chassis To Mount NCA-2 In ABS-2D	CRS	8	10.5	2.5	16 GA	1.50	Extrapolated
RM-1	Microphone Assembly For Mounting To An ADP-4 Dress Panel	CRS	4.5	8.5	3.5	16 GA	2.20	Extrapolated
CMIC-RP	Microphone And Well For CAB-RP	CRS	4.5	8.5	3.8	16 GA	2.30	UUT-03
CA-1	Chassis, DVC, One Row	CRS	7.1	19	2.3	16 GA	2.35	Interpolated
CHS-PS	Chassis Assembly. Mounts XPIQ-PS And/Or CHS-BH In A CAB-3/4 Row. Can Also Mount One ACPS-610 In CAB-3 Row	CRS	19.3	7.6	0.4	16 GA	2.40	Interpolated
CHS-BH	Battery Holder; Holds Up To Two BAT-12120 12 AH Batteries When Mounted On The CHS-PS Chassis	CRS	10	7.1	4.4	16 GA	2.50	Interpolated
CB-1	Chassis Bridge; Provides A Bridge Between CHS Series Chassis	CRS	20	12	1	16 GA	2.53	Interpolated
CHS-BH1	Chassis; 12Ah Battery Holder, For Use With DAA-Numbers	CRS	6.5	8.5	4.8	16 GA	2.70	UUT-06
CHS-4L	Chassis; Low Profile	CRS	7	19	2.3	16 GA	2.80	UUT-01,-05
CHS-6	Chassis; Mounts Up To 6 XP-6 Modules In A BB-25 Or A Row Of The CAB-3/4 Series Cabinet; Also Mounts ACPS-610	CRS	7.5	19	2.2	16 GA	3.00	UUT-05
CHS-4	Chassis; Mounts Up To Four Modules	CRS	7	19	4	16 GA	3.50	UUT-01
CHS-M3	Mounting Chassis, Used For CPU-3030, CPU2-3030, And NCA-2	CRS	8	19	4.5	16 GA	4.00	UUT-07
CMIC-1	Chassis With Paging Microphone With Well; Used With CA-1	CRS	8	6.1	4.9	16 GA	4.40	UUT-01

Notes

- 1) Honeywell is the manufacturer for all Chassis
- 2) CRS = cold rolled steel

Table 7 - Certified Chassis (Continued)

Model Number	Description	Component Material	Max Dimensions [in]			Sheet Metal Thickness [in]	Max Weight [lb]	UUT
			Width	Length	Depth			
CHS-4MB	2nd Row Chassis Assembly; Includes MP-1B, CHS-4N ("N" Is The CHS-4 With Different Depth) And Expander Ribbon Cable	CRS	6.9	19	4.3	16 GA	5.50	Interpolated
CFFT-1	Single New Chassis For Mounting Firefighter's Telephone; Includes CFFT-1 Chassis, Phone Well, TELH-1 And Hardware	CRS	18.3	6.9	2.1	16 GA	6.70	Interpolated
CA-2	Chassis; DVC, Two Rows, Includes MIC-1; Use ADDR-XX Doors	CRS	16	19	4.5	16 GA	14.00	UUT-01

Notes

- 1) Honeywell is the manufacturer for all Chassis
- 2) CRS = cold rolled steel

Table 8 - Certified Seismic Brackets / Kits

Model Number	Description	Component Material	Max Dimensions [in]			Sheet Metal Thickness [in]	Max Weight [lb]	UUT
			Width	Length	Depth			
SEISKIT-DAA	Seismic Kit For The DAX, DAA, And DAA2 Series Amplifiers; Includes Battery Bracket For Two 12AH Batteries	CRS	1.8	8.5	0.5	16 GA	0.4	UUT-06
SEISKIT-PS/2/4	Seismic Kit For The FCPS-24S6/8, CAB-PS1, SFP-2402 And SFP-2404; Includes Battery Bracket For Two 7AH Or 12AH Batteries	CRS	2.5	14.5	3.5	16 GA	0.75	UUT-08
SEISKIT-BB17	Seismic Kit For The BB-17; Includes Battery Bracket For Two 18AH Batteries	CRS	3.4	14.4	3	16 GA	1.1	Interpolated
SEISKIT-320/B26	Seismic Kit For The NFS-320 And BB-26; Includes Battery Bracket For Two 26AH Batteries	CRS	3.3	13.3	1	16 GA	1.23	UUT-11
SEISKIT-CAB	Seismic Kit For The CAB-4 Series Cabinets; Includes Battery Bracket For Two 26AH Batteries	CRS	4.5	14	1	16 GA	1.4	UUT-04

Notes

- 1) Honeywell is the manufacturer for all Chassis
- 2) CRS = cold rolled steel

Table 8 - Certified Seismic Brackets / Kits (Continued)

Model Number	Description	Component Material	Max Dimensions [in]			Sheet Metal Thickness [in]	Max Weight [lb]	UUT
			Width	Length	Depth			
SEISKIT-COMMENC	Seismic Kit For The SFP-5UD, SFP-10UD, Firewarden 50, Firewarden 100-2, RP-2001, And RP-2002; Includes Battery Bracket For Two 7AH, 12AH, Or 18AH Batteries	CRS	6.5	16.5	4	16 GA	1.73	Interpolated
SEISKIT-LBB	Seismic Kit For The NFS-LBB; Includes Battery Bracket For Two 55AH Batteries	CRS	4.8	18.5	3.5	16 GA	1.85	Interpolated
SEISKIT-BB25	Seismic Kit For The BB-25; Includes Battery Bracket For Two 26AH Batteries	CRS	2.8	24	5	16 GA	2.1	Interpolated
SEISKIT-BB100	Seismic Kit For The BB-100 And BB-200 (Two Kits Are Required For The BB-200); Includes Battery Bracket For Two 100AH Batteries	CRS	3.8	30	7	14 GA	4	UUT-10

Notes

- 1) Honeywell is the manufacturer for all Chassis
- 2) CRS = cold rolled steel

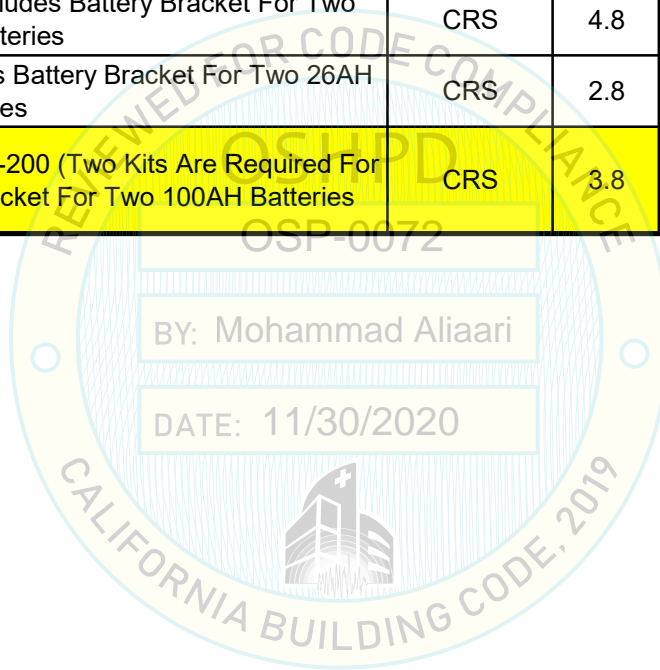


Table 9 - Certified Amplifiers

Model Number	Description	Component Material	Max Dimensions [in]			Max Weight [lb]	UUT
			Length	Height	Depth		
BDA-25V	Back-up Digital Amplifier For 25 Volt DAX Or DAA2 Series	PCB	7.0	4.2	1.2	0.50	Extrapolated
BDA-70V	Back-up Digital Amplifier For 70 Volt DAX Or DAA2 Series	PCB	7.0	4.2	1.2	0.50	UUT-06
DS-BDA	DS Series Back-up Amplifier Board; 125W At 25V, Can Be Converted To A 70V, 100W Amplifier With A DS-XF70V	PCB	7.0	4.5	2.0	2.00	UUT-02
DAX-3525	Digital Amplifier 35W, 25V, 120 VAC	PCB/CRS	19.0	7.5	2.8	5.60	UUT-04
DAX-3525E	Digital Amplifier 35W, 25V, 220-240 VAC	PCB/CRS	19.0	7.5	2.8	5.60	Interpolated
DAX-3570	Digital Amplifier 35W, 70V, 120 VAC	PCB/CRS	19.0	7.5	2.8	5.90	Interpolated
DAX-3570E	Digital Amplifier 35W, 70V, 220-240 VAC	PCB/CRS	19.0	7.5	2.8	5.90	Interpolated
DAX-5025	Digital Amplifier 50W, 25V, 120 VAC	PCB/CRS	19.0	7.5	2.8	5.90	Interpolated
DAX-5025E	Digital Amplifier 50W, 25V, 220-240 VAC	PCB/CRS	19.0	7.5	2.8	5.90	Interpolated
DAX-5070	Digital Amplifier 50W, 70V, 120 VAC	PCB/CRS	19.0	7.5	2.8	5.90	Interpolated
DAX-5070E	Digital Amplifier 50W, 70V, 220-240 VAC	PCB/CRS	19.0	7.5	2.8	5.90	UUT-04
AA-30	30 Watt Audio Amplifier @ 25 VRMS, 120 VAC	PCB/CRS	8.5	8.0	4.3	6.30	UUT-02
AA-30E	30 Watt Audio Amplifier @ 25 VRMS, 220 VAC	PCB/CRS	8.5	8.0	4.3	6.30	Interpolated
DS-AMP	DS Series Amplifier; 120VAC; Produces 125W At 25V, Can Be Converted To A 70V, 100W With A DS-XF70V	PCB/CRS	19.0	7.0	4.3	6.70	UUT-02
DS-AMPE	DS Series Amplifier; 220-240VAC; Produces 125W At 25V, Can Be Converted To A 70V, 100W Amplifier With A DS-XF70V	PCB/CRS	19.0	7.0	4.3	6.70	Interpolated
DS-DB	DS Series Distribution Board, Supports One to Four DS-AMP or DS-AMPE	PCB/CRS	19.0	7.5	2.8	7.20	UUT-02
DAA2-5025	Digital Amplifier 50W, 25V, 120 VAC	PCB/CRS	21.0	8.5	5.7	9.50	Interpolated
DAA2-5025E	Digital Amplifier 50W, 25V, 220-240 VAC	PCB/CRS	21.0	8.5	5.7	9.50	Interpolated
DAA2-5070	Digital Amplifier 50W, 70V, 120 VAC	PCB/CRS	21.0	8.5	5.7	9.50	UUT-06
DAA2-5070E	Digital Amplifier 50W, 70V, 220-240 VAC	PCB/CRS	21.0	8.5	5.7	9.50	Interpolated
DAA2-7525	Digital Amplifier 75W, 25V, 120 VAC	PCB/CRS	21.0	8.5	5.7	9.50	Interpolated
DAA2-7525E	Digital Amplifier 75W, 25V, 220-240 VAC	PCB/CRS	21.0	8.5	5.7	9.50	Interpolated
AA-100	100W Audio Amplifier @ 70.7 VRMS w/Built-In Tone Generator, 120 VAC	PCB/CRS	19.0	7.0	5.0	17.30	Interpolated
AA-100E	100W Audio Amplifier @ 70.7 VRMS w/Built-In Tone Generator, 220 VAC	PCB/CRS	19.0	7.0	5.0	17.30	Interpolated
AA-120	120W Audio Amplifier @ 25 VRMS w/Built-In Tone Generator, 120 VAC	PCB/CRS	19.0	7.0	5.0	17.30	Interpolated
AA-120E	120W Audio Amplifier @ 25 VRMS w/Built-In Tone Generator, 220 VAC	PCB/CRS	19.0	7.0	5.0	17.30	UUT-02

Notes

- 1) Honeywell is the Manufacturer for all amplifiers
- 2) PCB = printed circuit board
- 3) CRS = cold rolled steel

Table 10 - Certified Annunciators / Keypads

Model Number	Description	Component Material	Max Dimensions [in]			Max Weight [lb]	UUT
			Length	Height	Depth		
LDM-32	Lamp Driver Annunciator Control Module; For Use With Custom Graphic Annunciators, 32 Points	PCB	7.7	4.5	0.7	0.3	Extrapolated
LDM-E32	Lamp Driver Annunciator Expander Module; For Use With Custom Graphic Annunciators, 32 Points	PCB	7.7	4.5	0.7	0.3	Extrapolated
LDM-R32	Relay Module; 32 Form-A Contacts; Connects To LDM-32 Or LDM-E32	PCB	7.7	4.5	0.7	0.3	Extrapolated
ACM-8R	Remote Form-C Relay Module; 8 Form-C Relays Driven By EIA-485	PCB	7.0	4.5	0.7	0.6	Extrapolated
ACM-24AT	Annunciator Module; 24 Alarm and Trouble LEDs.	Silicone keypad/PCB	8.5	4.4	0.8	0.7	UUT-01
ACM-32A	Annunciator Control Module; Includes 32 Alarm, Trouble And On-Line LED's, Local Acknowledge, Lamp Test Switch, And Local Piezo Sounder	Silicone keypad/PCB	8.5	4.4	0.8	0.7	Interpolated
ACM-48A	Annunciator Module; 48 Alarm And Trouble LEDs	Silicone keypad/PCB	8.5	4.4	0.8	0.7	Interpolated
AEM-24AT	Annunciator Expander Module; 24 Alarm And Trouble LEDs, Expands The ACM-24AT To 48, 72 Or 96 Points	Silicone keypad/PCB	8.5	4.4	0.8	0.7	Interpolated
AEM-32A	Annunciator Expander Module	Silicone keypad/PCB	8.5	4.4	0.8	0.7	Interpolated
AEM-48A	Annunciator Expander Module; 48 Alarm LEDs, Expands The ACM-48A To 96 Points	Silicone keypad/PCB	8.5	4.4	0.8	0.7	Interpolated
KDM-R2	Keyboard Display Module For CPU2-640	PCB	9.0	6.3	1.0	0.7	UUT-05
LCD2-80	80 Character LCD Mimic Annunciator	PCB	8.5	4.5	0.7	0.7	Interpolated
DVC-KD	Digital Voice Command, Keypad	Silicone keypad/PCB	9.0	6.3	0.3	0.8	UUT-01
LCD-160	160 Character Display Annunciator	Silicone keypad/PCB	8.8	8.0	1.0	1.3	UUT-01
LCD-160-FR	160 Character Display Annunciator. French	Silicone keypad/PCB	8.8	8.0	1.0	1.3	Interpolated

Notes

- 1) All ACM & AEM units are identical except for number of alarms & additional connectors for ACM units
- 2) All LCD units are identical except for display language & number of characters
- 3) ALL ACM & LDM units are identical except for use of rubber keypad on ACM units
- 4) Honeywell is the manufacturer for all Annunciators / Keypads
- 5) PCB = printed circuit board

Table 10 - Certified Annunciators / Keypads (Continued)

Model Number	Description	Component Material	Max Dimensions [in]			Max Weight [lb]	UUT
			Length	Height	Depth		
LCD-160-HE	160 Character Display Annunciator, Hebrew	Silicone keypad/PCB	8.8	8.0	1.0	1.3	Interpolated
LCD-160-KO	160 Character Display Annunciator, Korean	Silicone keypad/PCB	8.8	8.0	1.0	1.3	Interpolated
LCD-160-PO	160 Character Display Annunciator, Portuguese	Silicone keypad/PCB	8.8	8.0	1.0	1.3	Interpolated
LCD-160-SC	160 Character Display Annunciator, Simplified Chinese	Silicone keypad/PCB	8.8	8.0	1.0	1.3	Interpolated
LCD-160-SP	160 Character Display Annunciator, Spanish	Silicone keypad/PCB	8.8	8.0	1.0	1.3	Interpolated
LCD-160-TH	160 Character Display Annunciator, Thai	Silicone keypad/PCB	8.8	8.0	1.0	1.3	Interpolated
LCD-160-TC	160 Character Display Annunciator, Traditional Chinese	Silicone keypad/PCB	8.8	8.0	1.0	1.3	Interpolated
DVC-RPU	Remote Paging Unit (Includes Keypad Display)	Silicone keypad/PCB	8.8	7.5	3.4	1.9	UUT-03
FIRSTVISION-LCD	Graphic Annunciator (Touch Screen Computer) (19" Monitor)	LCD DISPLAY/Al	17.5	24.5	3.5	20.3	UUT-09
FIRSTVISION-LCD	Graphic Annunciator (Touch Screen Computer) (22" Monitor)	LCD DISPLAY/Al	17.5	24.5	3.5	20.3	UUT-12

Notes

- 1) All LCD units are identical except for display language & number of characters
- 2) Honeywell is the manufacturer for all Annunciators / Keypads
- 3) Al = Aluminum
- 4) PCB = printed circuit board
- 5) LCD = liquid crystal display

Table 11 - Certified Power Supplies

Model Number	Description	Component Material	Max Dimensions [in]			Max Weight [lb]	UUT
			Length	Height	Depth		
CHG-75	Battery Charger	PCB/CRS	13.5	5.3	3.3	1.80	Extrapolated
APS2-6R	Auxiliary Power Supply	PCB/AI	8.7	6.6	3.1	2.10	UUT-01
APS2-6RE	Auxiliary Power Supply, 220-240 VAC	PCB/AI	8.7	6.6	3.1	2.10	Interpolated
ACPS-610	Addressable Charging Power Supply	PCB/CRS	10	9	4	4.60	UUT-08
ACPS-610E	Addressable Charging Power Supply 220 volt	PCB/CRS	10	9	4	4.60	Interpolated
AMPS-24	Addressable Power Supply, 120 VAC	PCB/AI	10	9	4	4.60	UUT-01
AMPS-24E	Addressable Power Supply, 240 VAC	PCB/AI	10	9	4	4.60	UUT-10
CHG-120	Battery Charger	PCB/CRS	6.9	10.2	4	15.50	UUT-07
PSE-6	6 Amp Power Supply With 2 TBL Relay Circuits	PCB/CRS	14	20	3.5	24	UUT-17
PSE-6C	6 Amp Power Supply, Canadian Version With 3 TBL Relay Circuits	PCB/CRS	14.5	20	3.5	24	Interpolated
PSE-6E	6 Amp Power Supply, 240V Export With 2 TBL Relay Circuits	PCB/CRS	14.5	20	3.5	24	Interpolated
PSE-6R	6 Amp Power Supply, Red With 2 TBL Relay Circuits	PCB/CRS	14.5	20	3.5	24	Interpolated
PSE-10	10 Amp Power Supply, With 2 TBL Relay Circuits	PCB/CRS	14.5	20	3.5	41.0	UUT-18
PSE-10E	10 Amp Power Supply, Canadian Version With 3 TBL Relay Circuits	PCB/CRS	14.5	20	3.5	41.0	Extrapolated
PSE-10R	10 Amp Power Supply, 240V Export With 2 TBL Relay Circuits	PCB/CRS	14.5	20	3.5	41.0	Extrapolated
PSE-10C	10 Amp Power Supply, Red With 2 TBL Relay Circuits	PCB/CRS	14.5	20	3.5	41.0	Extrapolated

Notes

- 1) All PSE-6 units are identical except for color and software
- 2) All PSE-10 units are identical except for color and software
- 3) Honeywell is the manufacturer for all power supplies
- 4) AI = Aluminum
- 5) PCB = printed circuit board
- 6) CRS = cold rolled steel

Table 12 - Certified Transformers

Model Number	Description	Component Material	Max Dimensions [in]			Max Weight [lb]	UUT
			Length	Height	Depth		
DS-XF70V	DS Series Transformer Used To Convert DS-AMP, DS-AMPE, Or DS-BDA To 70V, 100W	Copper Windings, Steel Frame	2	2	1.5	1.70	UUT-02
50132614-001	Transformer Used In PSE-6/6C/6E/6R		1.5	2	1.5	0.15	UUT-17
50121632-001	Transformer (NFW-100XC/50X)		1.6	1.8	1.2	0.20	UUT-13
50132615-001	Transformer Used In PSE-10/10C/10E/10R		1.9	2	1.3	0.35	UUT-18

Notes

1) Honeywell is the manufacturer for all transformers

Table 13 - Certified Hand Held Peripherals

Model Number	Description	Component Material	Max Dimensions [in]			Max Weight [lb]	UUT
			Length	Height	Depth		
MIC-1	Paging Microphone Only	ABS/Circuit board	4	3	2.2	0.50	UUT-03
FHS	Fireman's Telephone Hand Set	Plastic	8	2.5	2.4	0.75	Interpolated
TELH-1	Firefighter's Telephone Handset Only	Plastic	8.5	2.5	2.8	0.75	UUT-01
AFAWS-TELC	Telephone Chassis With Coil Cord	CRS / Plastic	14.8	3	4.5	2.53	Extrapolated
AFAWS-TELA	Telephone Chassis With Armored Coil Cord	CRS / Plastic	14.8	3	4.5	2.62	Extrapolated

Notes

- 1) The AFAWS-TELC & AFAWS-TELA are the TELH-1 in a box
- 2) Honeywell is the manufacturer for all Hand Held Peripherals
- 3) ABS = acrylonitrile butadiene styrene
- 4) CRS = cold rolled steel

Table 14 - Certified Batteries

Model Number	Description	Component Material	Max Dimensions [in]			Max Weight [lb]	UUT
			Length	Height	Depth		
BAT-1250-BP	Ten (10) BAT-1250 (12v, 5aH)	Lead Acid Battery	3.5	2.8	4	3.50	Extrapolated
BAT-1270-BP	Five (5) BAT-1270 (12v, 7aH) shipped in each bulk pack	Lead Acid Battery	6	2.6	3.7	4.80	Extrapolated
BAT-12120-BP	Four (4) BAT-12120 (12v, 12aH)	Lead Acid Battery	6	3.9	3.7	7.92	UUT-06,-08
BAT-12180-BP	Two (2) BAT-12180 (12v, 18aH)	Lead Acid Battery	7.1	3	6.6	12.60	UUT-13
BAT-12260-BP	Two (2) BAT-12660 (12v, 26aH)	Lead Acid Battery	6.6	7	4.9	17.00	UUT-04,-05,-11
BAT-12550	Battery, 12 volt, 55 AH.	Lead Acid Battery	9	4.5	8.2	36.00	Interpolated
BAT-121000	Battery, 12 volt, 100 AH.	Lead Acid Battery	12	6.6	8.2	68.00	UUT-10

Notes

1) Power Sonic is the manufacturer for all listed Batteries

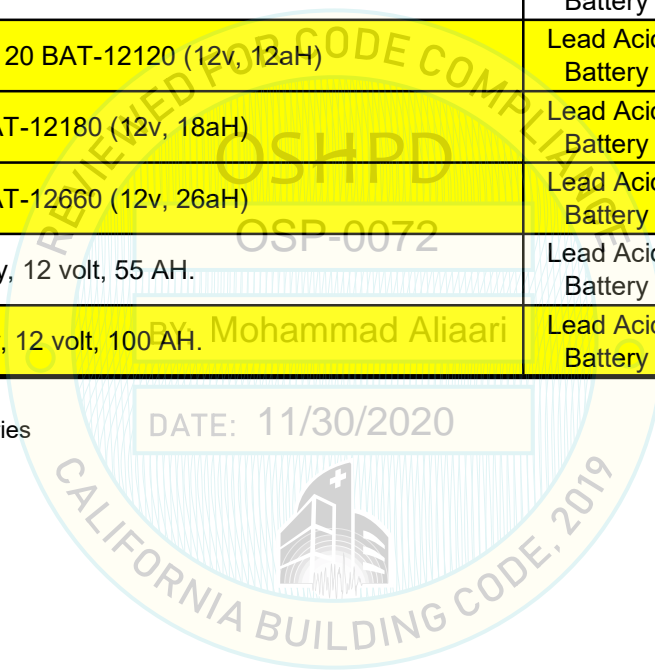
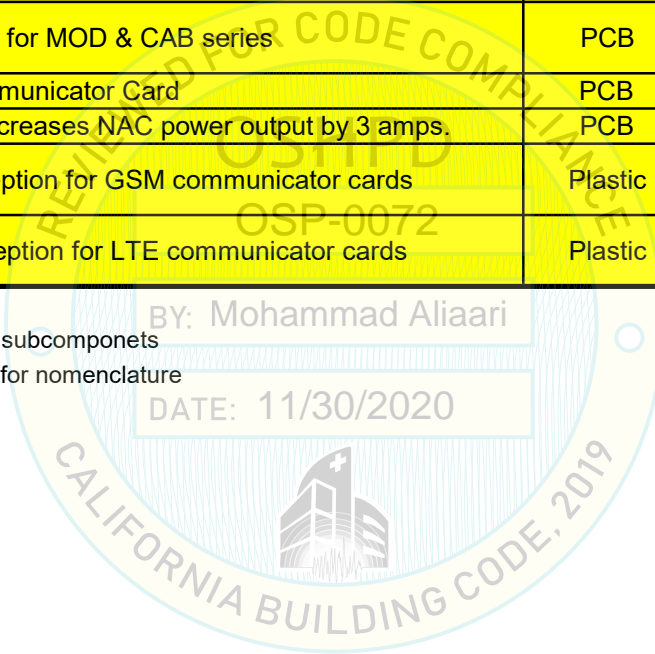


Table 15 - Other Certified Subcomponents

Model Number	Description	Component Material	Max Weight [lb]	UUT
LYRIC-3G	Radio Module for CELL Series	PCB	0.1	UUT-15
LYRIC-3GLP		PCB	0.1	Extrapolated
LYRICLTE-A	Radio Module for LTE Series	PCB	0.1	UUT-16
4XTMF	Transmitter Module	PCB	0.15	UUT-13
CCP-LYRIC-PCA	Circuit Board for MOD & CAB series	PCB	0.2	UUT-15,-16
IPOTS-COM	Communicator Card	PCB	0.25	UUT-13
PWRMOD24	Power Expander Module. Increases NAC power output by 3 amps.	PCB	0.55	UUT-13
CELL ANTENNA	Antenna that boosts reception for GSM communicator cards	Plastic	0.2	UUT 15
CELL ANTENNA	Antenna that boosts reception for LTE communicator cards	Plastic	0.2	UUT 16

Notes

- 1) Honeywell is the manufacturer for all other certified subcomponents
- 2) The LYRIC-3G & LYRIC-3GLP are identical except for nomenclature





UNIT UNDER TEST (UUT) Summary Sheet

UUT-01

PEER STI 2013-17, UUT1A

Model Line	Model Number	Manufacturer
Notifier	SBB-D4	Honeywell

Product Construction Summary

Carbon Steel Enclosure

Options / Subcomponent Summary

Enclosure Door: Honeywell; Dress Panels: Honeywell; Chassis: Honeywell; Annunciators/Keypads: Honeywell; Power Supply: Honeywell; Hand Held Peripheral: Honeywell;

UUT Properties

Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
142	24	45.8	5.2	NA	NA	NA

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2019	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	-	-
		2.5	0.0	1.5	-	-	1.67	0.67

Test Mounting Details

UUT-01 was rigid wall mounted to the Omega frame fixture using Qty. (4) 1/4" diameter, grade 8 bolts. Omega frame fixture was rigidly attached to the shake table



All units were filled with contents and maintained structural integrity and functionality after AC-156 test.



UNIT UNDER TEST (UUT) Summary Sheet

UUT-02

PEER STI 2013-17, UUT2A

Model Line	Model Number	Manufacturer
Notifier	EQBB-D4	Honeywell

Product Construction Summary

Carbon Steel Enclosure

Options / Subcomponent Summary

Enclosure Door: Honeywell; Amplifier: Honeywell; Transformer: Honeywell

UUT Properties

Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
99	24	45.8	5.2	NA	NA	NA

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2019	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	-	-
		2.5	0.0	1.5	-	-	1.67	0.67

Test Mounting Details

UUT-02 was rigid wall mounted to the Omega frame fixture using Qty. (4) 1/4" diameter, grade 8 bolts. Omega frame fixture was rigidly attached to the shake table



All units were filled with contents and maintained structural integrity and functionality after AC-156 test.



UNIT UNDER TEST (UUT) Summary Sheet

UUT-03

PEER STI 2013-17, UUT3A

Model Line	Model Number	Manufacturer
Notifier	CAB-RP	Honeywell

Product Construction Summary

Carbon Steel Enclosure

Options / Subcomponent Summary

Chassis: Honeywell; Annunciator / Keypad: Honeywell; Hand Held Peripheral: Honeywell

UUT Properties

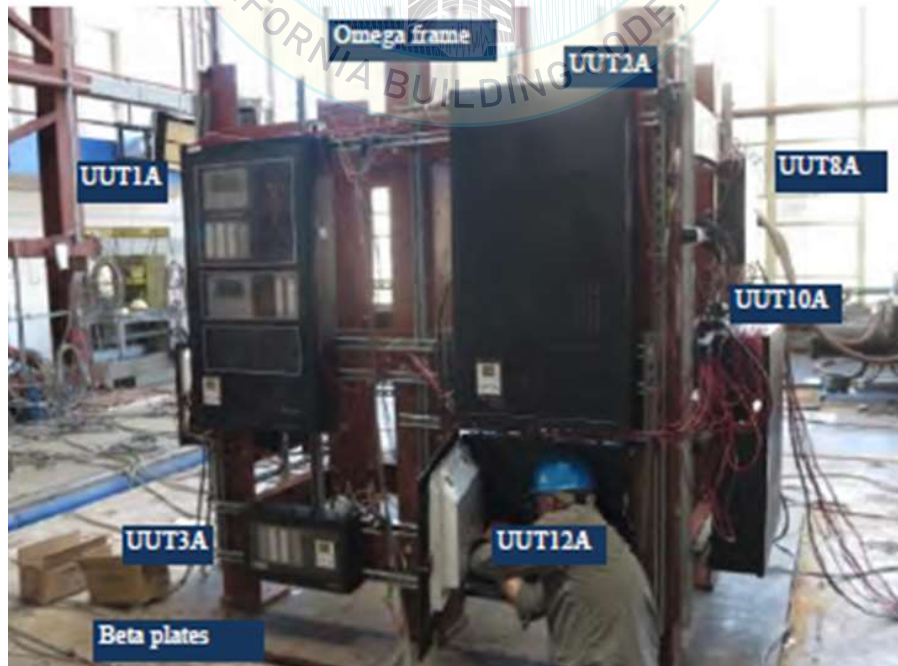
Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
17	12	19.9	5.2	NA	NA	NA

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
		CBC 2019	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40
		2.5	0.0	1.5	-	-	1.67	0.67

Test Mounting Details

UUT-03 was rigid wall mounted to the Omega frame fixture using Qty. (2) 1/4" diameter, grade 8 bolts. Omega frame fixture was rigidly attached to the shake table



All units were filled with contents and maintained structural integrity and functionality after AC-156 test.



UNIT UNDER TEST (UUT) Summary Sheet

UUT-04

PEER STI 2013-17, UUT4A

Model Line	Model Number	Manufacturer
Notifier	SBB-C4	Honeywell

Product Construction Summary

Carbon Steel Enclosure

Options / Subcomponent Summary

Enclosure Door: Honeywell; Seismic Bracket / Kit: Honeywell; Amplifier: Honeywell; Batteries: Power Sonic

UUT Properties

Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
94	24	37.1	5.2	NA	NA	NA

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2019	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	-	-
		2.5	0.0	1.5	-	-	1.67	0.67

Test Mounting Details

UUT-04 was rigid wall mounted to the Omega frame fixture using Qty. (4) 1/4" diameter, grade 8 bolts. Omega frame fixture was rigidly attached to the shake table



All units were filled with contents and maintained structural integrity and functionality after AC-156 test.



UNIT UNDER TEST (UUT) Summary Sheet

UUT-05

PEER STI 2013-17, UUT5A

Model Line	Model Number	Manufacturer
Notifier	SBB-C4	Honeywell

Product Construction Summary

Carbon Steel Enclosure

Options / Subcomponent Summary

Enclosure Door: Honeywell; Dress Panels: Honeywell; Chassis: Honeywell; Annunciator / Keypad: Honeywell; Batteries: Power Sonic

UUT Properties

Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
114	24	37.1	5.2	NA	NA	NA

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2019	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	-	-
		2.5	0.0	1.5	-	-	1.67	0.67

Test Mounting Details

UUT-05 was rigid wall mounted to the Omega frame fixture using Qty. (4) 1/4" diameter, grade 8 bolts. Omega frame fixture was rigidly attached to the shake table



All units were filled with contents and maintained structural integrity and functionality after AC-156 test.



UNIT UNDER TEST (UUT) Summary Sheet

UUT-06

PEER STI 2013-17, UUT6A

Model Line	Model Number	Manufacturer
Notifier	EQBB-B4	Honeywell

Product Construction Summary

Carbon Steel Enclosure

Options / Subcomponent Summary

Enclosure Door: Honeywell; Chassis: Honeywell; Seismic Bracket / Kit: Honeywell; Amplifiers: Honeywell; Batteries: Power Sonic

UUT Properties

Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
66	24	28.5	5.2	NA	NA	NA

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2019	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	-	-
		2.5	0.0	1.5	-	-	1.67	0.67

Test Mounting Details

UUT-06 was wall rigid mounted to the Omega frame fixture using Qty. (2) 1/4" diameter, grade 8 bolts. Omega frame fixture was rigidly attached to the shake table



All units were filled with contents and maintained structural integrity and functionality after AC-156 test.



UNIT UNDER TEST (UUT) Summary Sheet

UUT-07

PEER STI 2013-17, UUT7A

Model Line	Model Number	Manufacturer
Notifier	SBB-A4	Honeywell

Product Construction Summary

Carbon Steel Enclosure

Options / Subcomponent Summary

Enclosure Door: Honeywell; Chassis: Honeywell; Power Supply: Honeywell

UUT Properties						
Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
51	24	20	5.2	NA	NA	NA

UUT Highest Passed Seismic Run Information								
Building Code	Test Criteria	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2019	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	-	-
		2.5	0.0	1.5	-	-	1.67	0.67

Test Mounting Details

UUT-07 was rigid wall mounted to the Omega frame fixture using Qty. (4) 1/4" diameter, grade 8 bolts. Omega frame fixture was rigidly attached to the shake table



All units were filled with contents and maintained structural integrity and functionality after AC-156 test.



UNIT UNDER TEST (UUT) Summary Sheet

UUT-08

PEER STI 2013-17, UUT8A

Model Line	Model Number	Manufacturer
Notifier	CAB-PS1	Honeywell

Product Construction Summary

Carbon Steel Enclosure

Options / Subcomponent Summary

Seismic Bracket / Kit: Honeywell; Power Supplies: Honeywell; Batteries: Power Sonic

UUT Properties

Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
32	14.5	15	4.5	NA	NA	NA

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2019	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	-	-
		2.5	0.0	1.5	-	-	1.67	0.67

Test Mounting Details

UUT-08 was rigid wall mounted to the Omega frame fixture using Qty. (4) 1/4" diameter, grade 8 bolts. Omega frame fixture was rigidly attached to the shake table



All units were filled with contents and maintained structural integrity and functionality after AC-156 test.



UNIT UNDER TEST (UUT) Summary Sheet

UUT-09

PEER STI 2013-17, UUT9A

Model Line	Model Number	Manufacturer
Notifier	FIRSTVISION-ENC	Honeywell

Product Construction Summary

Carbon Steel Enclosure

Options / Subcomponent Summary

Annunciator / Keypad: Honeywell

UUT Properties						
Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
47	24.5	21.9	3.5	NA	NA	NA

UUT Highest Passed Seismic Run Information								
Building Code	Test Criteria	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2019	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	-	-
		2.5	0.0	1.5	-	-	1.67	0.67

Test Mounting Details

UUT-09 was rigid wall mounted to the Omega frame fixture using Qty. (6) 3/8" diameter, grade 8 bolts. Omega frame fixture was rigidly attached to the shake table



All units were filled with contents and maintained structural integrity and functionality after AC-156 test.



UNIT UNDER TEST (UUT) Summary Sheet

UUT-10

PEER STI 2013-17, UUT10A

Model Line	Model Number	Manufacturer
Notifier	BB-200	Honeywell

Product Construction Summary

Carbon Steel Enclosure

Options / Subcomponent Summary

Seismic Bracket / Kit: Honeywell; Power Supply: Honeywell; Batteries: Power Sonic

UUT Properties

Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
350	30	36	8.6	NA	NA	NA

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2019	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	-	-
		2.5	0.0	1.5	-	-	1.67	0.67

Test Mounting Details

UUT-10 was rigid wall mounted to the Omega frame fixture using Qty. (6) 3/8" diameter, grade 8 bolts. Omega frame fixture was rigidly attached to the shake table



All units were filled with contents and maintained structural integrity and functionality after AC-156 test.



UNIT UNDER TEST (UUT) Summary Sheet

UUT-11

PEER STI 2013-17, UUT11A

Model Line	Model Number	Manufacturer
Notifier	NFS-320	Honeywell

Product Construction Summary

Carbon Steel Enclosure

Options / Subcomponent Summary

Seismic Bracket / Kit: Honeywell; Batteries: Power Sonic

UUT Properties						
Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
68	18.3	18.5	6	NA	NA	NA

UUT Highest Passed Seismic Run Information								
Building Code	Test Criteria	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2019	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	-	-
		2.5	0.0	1.5	-	-	1.67	0.67

Test Mounting Details

UUT-12 was rigid wall mounted to the Omega frame fixture using Qty. (6) 3/8" diameter, grade 8 bolts. Omega frame fixture was rigidly attached to the shake table



All units were filled with contents and maintained structural integrity and functionality after AC-156 test.



UNIT UNDER TEST (UUT) Summary Sheet

UUT-12

PEER STI 2013-17, UUT12A

Model Line	Model Number	Manufacturer
Notifier	FIRSTVISION-ENC	Honeywell

Product Construction Summary

Carbon Steel Enclosure

Options / Subcomponent Summary

Annunciator / Keypad: Honeywell

UUT Properties						
Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
46	24.5	21.9	3.5	NA	NA	NA

UUT Highest Passed Seismic Run Information								
Building Code	Test Criteria	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2019	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	-	-
		2.5	0.0	1.5	-	-	1.67	0.67

Test Mounting Details

UUT-11 was rigid wall mounted to the Omega frame fixture using Qty. (4) 1/4" diameter, grade 8 bolts. Omega frame fixture was rigidly attached to the shake table



All units were filled with contents and maintained structural integrity and functionality after AC-156 test.



UNIT UNDER TEST (UUT) Summary Sheet

UUT-13

30995-1901, UUT 12

Model Line	Model Number	Manufacturer
Fire-Lite / Notifier / Gamewell	ES-200XC	Honeywell

Product Construction Summary

Carbon Steel Enclosure

Options / Subcomponent Summary

Dress Panel: Honeywell; Batteries: Power Sonic; Transformer: Honeywell; Transmitter Module: Honeywell; Power Expander Module: Honeywell; Communicator Card: Honeywell

UUT Properties						
Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
54	5.5	17	19	NA	NA	NA

UUT Highest Passed Seismic Run Information								
Building Code	Test Criteria	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2019	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	-	-
		2.5	0.0	1.5	-	-	1.67	0.67

Test Mounting Details

UUT-13 was rigid wall mounted to the fixture via 12 gage unistrut using Qty. (4) 1/4" diameter, grade 8 bolts. Fixture was hard mounted to the shake table.



All units were filled with contents and maintained structural integrity and functionality after AC-156 test.



UNIT UNDER TEST (UUT) Summary Sheet

UUT-14

30995-1901, UUT 13

Model Line	Model Number	Manufacturer
Silent Knight	ES-50X	Honeywell

Product Construction Summary

Carbon Steel Enclosure

Options / Subcomponent Summary

Dress Panel: Honeywell

UUT Properties						
Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
33	5.5	17	19	NA	NA	NA

UUT Highest Passed Seismic Run Information								
Building Code	Test Criteria	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2019	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	-	-
		2.5	0.0	1.5	-	-	1.67	0.67

Test Mounting Details

UUT-14 was rigid wall mounted to the fixture via 12 gage unistrut using Qty. (4) 1/4" diameter, grade 8 bolts. Fixture was hard mounted to the shake table.



All units were filled with contents and maintained structural integrity and functionality after AC-156 test.



UNIT UNDER TEST (UUT) Summary Sheet

UUT-15

30995-1901, UUT 10

Model Line	Model Number	Manufacturer
Silent Knight	CELL-MOD with ANTENNA	Honeywell

Product Construction Summary

Plastic Enclosure & Pastic Antenna

Options / Subcomponent Summary

Radio Module for CELL Series: Honeywell; Circuit Board: Honeywell

UUT Properties						
Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
1	1.5	5.5	7.5	NA	NA	NA

UUT Highest Passed Seismic Run Information								
Building Code	Test Criteria	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2019	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	-	-
		2.5	0.0	1.5	-	-	1.67	0.67

Test Mounting Details

UUT-15 was rigid wall mounted to the fixture via 12 gage unistrut using Qty. (4) 1/4" diameter, grade 8 bolts. Fixture was hard mounted to the shake table.



All units were filled with contents and maintained structural integrity and functionality after AC-156 test.



UNIT UNDER TEST (UUT) Summary Sheet

UUT-16

30995-1901, UUT 11

Model Line	Model Number	Manufacturer
Fire-Lite / Notifier	LTE-CAB with CELL ANTENNA	Honeywell

Product Construction Summary

Cold Rolled Steel Enclosure & Plastic Antenna

Options / Subcomponent Summary

Radio Module for LTE Series: Honeywell; Circuit Board: Honeywell

UUT Properties						
Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
5	3	10	10	NA	NA	NA

UUT Highest Passed Seismic Run Information								
Building Code	Test Criteria	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2019	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	-	-
		2.5	0.0	1.5	-	-	1.67	0.67

Test Mounting Details

UUT-16 was rigid wall mounted to the fixture via 12 gage unistrut using Qty. (4) #10-24, grade 8 machine screws. Fixture was hard mounted to the shake table.



All units were filled with contents and maintained structural integrity and functionality after AC-156 test.



UNIT UNDER TEST (UUT) Summary Sheet

UUT-17

30995-1901, UUT 15

Model Line	Model Number	Manufacturer
Fire-Lite / Notifier / Gamewell	PSE-6	Honeywell

Product Construction Summary

Cold Rolled Steel Enclosure

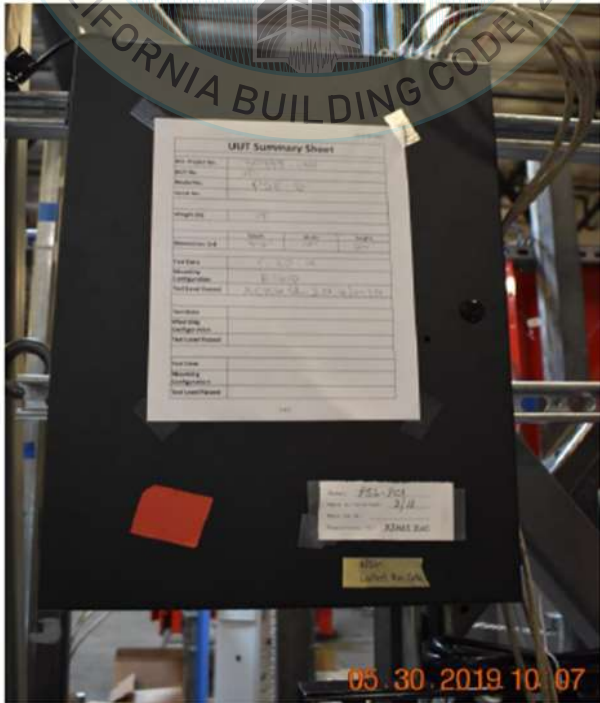
Options / Subcomponent Summary

UUT Properties						
Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
24	3.5	14	20	NA	NA	NA

UUT Highest Passed Seismic Run Information								
Building Code	Test Criteria	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2019	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	-	-
		2.5	0.0	1.5	-	-	1.67	0.67

Test Mounting Details

UUT-17 was rigid wall mounted to the fixture via 12 gage unistrut using Qty. (4) 1/4" diameter, grade 8 bolts. Fixture was hard mounted to the shake table.



All units were filled with contents and maintained structural integrity and functionality after AC-156 test.



UNIT UNDER TEST (UUT) Summary Sheet

UUT-18

30995-1901, UUT 14

Model Line	Model Number	Manufacturer
Fire-Lite / Notifier	PSE-10	Honeywell

Product Construction Summary

Cold Rolled Steel Enclosure

Options / Subcomponent Summary

UUT Properties						
Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
41	3.5	14.5	20	NA	NA	NA

UUT Highest Passed Seismic Run Information								
Building Code	Test Criteria	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2019	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	-	-
		2.5	0.0	1.5	-	-	1.67	0.67

Test Mounting Details

UUT-18 was rigid wall mounted to the fixture via 12 gage unistrut using Qty. (4) 1/4" diameter, grade 8 bolts. Fixture was hard mounted to the shake table.



All units were filled with contents and maintained structural integrity and functionality after AC-156 test.