

DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR HCAI SPECIAL SEISMIC	OFFICE USE ONLY
CERTIFICATION PREAPPROVAL (OSP)	APPLICATION #: OSP-0065
HCAI Special Seismic Certification Preapproval (OSP)	
Type: New X Renewal	
Manufacturer Information	
Manufacturer: Honeywell	
Manufacturer's Technical Representative: Michael Yanofsky	
Mailing Address: 12 Clintonville Road, Northford, CT 06472	
Telephone: (203) 484-6247 Email: Michael.Yanofsk	ky@honeywell.com
Product Information	MP
Product Name: Electrical Control Panels on Life Safety/Critical Branch	
Product Type: Fire Alarm & Security Panels	2
Product Model Number: Silent Knight	
General Description: Wall Mounted custom Fire Control Panels with Con	mmunication Devices
Mounting Description: Rigid, Wall Mounted	
Tested Seismic Enhancements: Seismic enhancements made to the tes anomalies during the tests shall be inco	t units and/or modifications required to address reported into the production units.
Applicant Information	A.
Applicant Company Name: The VMC Group	00
Contact Person: John Giuliano	
Mailing Address: 113 Main Street, Bloomingdale, NJ 07403	
Telephone: (973) 838-1780 Email: john.giuliano@th	hevmcgroup.com
Title: President	

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

OSP-0065

HCA



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

California Licensed Structural Engineer Respon	sible for the Engineering and Test Report(s)
Company Name: THE VMC GROUP	
Name: Kenneth Tarlow	California License Number: S2851
Mailing Address: 980 9th Street, 16th Floor, Sacramente	ь, CA 95814
Telephone: (832) 627-2214 Emai	il: ken.tarlow@thevmcgroup.com
Certification Method	
GR-63-Core X ICC-ES AC156	☐ IEEE 344 ☐ IEEE 693 ☐ NEBS 3
Other (Please Specify):	
505	CODECO
Testing Laboratory	Mp
Company Name: DYNAMIC CERTIFICATION LABORA	TORY (DCL)
Contact Person: Kelly Laplace	
Mailing Address: 1315 Greg St., Ste 109, Sparks NV 89	431-0065 m
Telephone: (775) 358-5085	il: Kelly@shaketest.com
DATE	: 03/01/2022
RITA	
CHEROPANIA B	UILDING

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Seismic Parameters

Desi	n Basis of Equipment or Components	(Fp/Wp) = 1.50 (z/h = 1.0); 1.13 (z/	h = 0.0)	
	SDS (Design spectral response accele	eration at short period, g) = $2.0 (z/h =$	1.0); 2.5 (2	z/h = 0.0)
	ap (Amplification factor) =	2.5		
	Rp (Response modification factor) =	6.0		
	Ω_0 (System overstrength factor) =	2.0		
	Ip (Importance factor) =	1.5		
	z/h (Height ratio factor) =	1 and 0		
	Natural frequencies (Hz) =	See Attachment		
	Overall dimensions and weight =	See Attachment		
		JED FOR	-	
HCA	Approval (For Office Use Only)	Approval Expires on 03/01/2028	The	
Date	3/1/2022	OSP-0065	G	
Nam	e: Mohammad Karim		Title:	Supervisor, Health Facilities
Spec	al Seismic Certification Valid Up to: SE	os (g) = See Above	z/h =	See Above
Cond	ition of Approval (if applicable):	DATE: 03/01/2022	Jo	
		PRNIA BUILDING COD	1023	

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



Table 1 - Certified Product Table

Alternate	Branding	Basic Description	Unit Details	Mounting	Weight Without	Max Weight	Мах	Dimens [in]	ions	UUT
Model N	lumbers	Basic Description	Unit Details	Mounting	Batteries [lb]	[lb]	Width	Height	Depth	001
Honeywell	Cell Antenna (GSM)	Antenna	Antenna that Boosts Reception for GSM Communicator Cards	Surface Wall Mount	N/A	0.2	6.3	1.0	0.4	Extrapolated
Honeywell	Cell Antenna (LTE)	Antenna	Antenna that Boosts Reception for LTE Communicator Cards	Surface Wall Mount	all N/A 0.2		7.4	1.9	0.4	Extrapolated
Honeywell	CELL-MOD	Cellular Communicator in Small Plastic Enclosure with Antenna	Houses an GSM (Cellular) Communicator Card for Central Station Reporting	Surface Wall Mount	N/A	1	6.0	7.0	2.0	UUT-10
Honeywell	LTE-MOD	Cellular Communicator in Small Plastic Enclosure	Houses an LTE (Cellular) Communicator Card for Central Station Reporting	Surface Wall Mount	N/A	0.8	6.0	7.8	2.0	Interpolated
Silent Knight	CELL- CAB-SK	Cellular Communicator in Small Plastic Enclosure	Houses an GSM (Cellular) Communicator Card for Central Station Reporting	Surface Wall Mount	N/A	4.4	10.2	10.4	3.2	Interpolated
Silent Knight	LTE- CAB-SK	Cellular Communicator in Small Plastic Enclosure with Antenna	Houses an LTE (Cellular) Communicator Card for Central Station Reporting	Surface Wall Mount	N/A	A 5		10.0	3.0	UUT-11
Silent Knight	5129	Cellular Communicator in Small Plastic Enclosure (SK2190)	4 Channel Communicator	Surface Wall Mount	N/A 6		10.0	10.0	3.0	Extrapolated
Silent Knight	5135	Cellular Communicator in Small Plastic Enclosure (SK2190)	4 Channel Communicator	Surface Wall Mount	N/A	6	10.0	10.0	3.0	Extrapolated
Honeywell	RBB	Batteries in Small Metal Enclosure	Remote Battery Box Cabinet	Surface Wall Mount	10	55	16.0	10.0	6.0	UUT-8

Notes:

1) Extrapolated model (GSM) is de-populated UUT-10.

2) Extrapolated model (LTE) is de-populated UUT-11.

3) Models (5129) and (5135) are extrapolated from UUT-11.

Alternate	Branding	Regio Description	Unit Details	Mounting	Weight Without	Max	Мах	Dimens [in]	ions	UUT
Model N	lumbers	Basic Description	Unit Details	Mounting	Batteries [lb]	Weight [Ib]	Width	Height	Depth	001
Silent Knight	5104	Fire Alarm Control Panel in Small Metal Cabinet	Fire Control 6 Channel Communicator	Surface Wall Mount	N/A	14	12.0	16.0	3.0	UUT-2
Farenhyte	IFP-76	Fire Alarm Control Panel in Small Metal Cabinet	Intelligent Fire Alarm Control Panel	Surface Wall Mount	15	23	12.7	15.1	3.3	Interpolated
Farenhyte	IFP-75	Fire Alarm Control Panel in Small Metal Cabinet	Intelligent Fire Alarm Control Panel	Surface Wall	15	23	12.7	15.1	3.3	Interpolated
Fike	FCP-75	Fire Alarm Control Panel in Small Metal Cabinet	Intelligent Fire Alarm Control Panel	Surface Wall Mount	15	23	12.7	15.1	3.3	Interpolated
Farenhyte	IFP-75B	Fire Alarm Control Panel in Small Metal Cabinet	Intelligent Fire Alarm Control Panel	Surface Wall Mount	15	23	12.7	15.1	3.3	Interpolated
Gamewell FCI	GWF-7075	Fire Alarm Control Panel in Q Small Metal Cabinet	Intelligent Fire Alarm Control Panel	Surface Wall Mount	15	23	12.7	15.1	3.3	Interpolated
Silent Knight	5700	Fire Alarm Control Panel in Small Metal Cabinet	50 Pt. Single Loop Addressable Panel	Surface Wall Mount	11.5	19.5	12.7	15.1	3.3	Extrapolated
Farenhyte	IFP-50	Fire Alarm Control Panel in Small Metal Cabinet	50 Pt. Single Loop Addressable Panel 301/20	Surface Wall	11.5	19.5	12.7	15.1	3.3	Extrapolated
Silent Knight	5600 / 5600C	Fire Alarm Control Panel in Small Metal Cabinet	25 Pt. Single Loop Addressable Panel	Surface Wall Mount	11.5	19.5	12.7	15.1	3.3	Extrapolated
Notes: 1) Extrapolated models are de-populated UUT-7.										

Alternate	Branding	Regie Description	Unit Details	Mounting	Weight Without	Max	Мах	Dimens [in]	ions	UUT
Model N	lumbers	Basic Description	Unit Details	Mounting	Batteries [lb]	Weight [lb]	Width	Height	Depth	001
Farenhyte	IFP-25	Fire Alarm Control Panel in Small Metal Cabinet	25 Pt. Single Loop Addressable Panel	Surface Wall Mount	11.5	19.5	12.7	15.1	3.3	Extrapolated
Silent Knight	6700	Fire Alarm Control Panel in Small Metal Cabinet	Intelligent Fire Alarm Control Panel	Surface Wall Mount	15	23	13.0	15.0	3.0	UUT-7
Silent Knight	5495	Power Supply in Small Metal Cabinet	6 Amp Distributed Power Module	Surface Wall Mount	18.5	26.5	12.3	15.3	3.0	Interpolated
Silent Knight	5499	Power Supply in Small Metal Cabinet	9 Amp Distributed Power Module	Surface Wall Mount	18.5	26.5	12.3	15.3	3.0	Interpolated
Silent Knight	5496	Power Supply in Small Metal Cabinet	6 Amp Distributed Power Module P-0065	Surface Wall Mount	18.5	26.5	12.3	15.3	3.0	Interpolated
Fike	FIK-5496	Power Supply in Small Metal Cabinet	6 Amp Distributed Power	Surface Wall Mount	18.5	26.5	12.3	15.3	3.0	Interpolated
Silent Knight	5208	Fire Alarm Control Panel in Medium Metal Cabinet	Fire Alarm Control Panel w/ Digital Communicator	Surface Wall Mount	28	48	17.0	26.0	4.0	UUT-3
Farenhyte	RPS-2000	Power Supply in Medium Metal Cabinet	Distributed Power Module ²⁰	2Surface Wall Mount	28	48	16.0	26.4	4.7	Extrapolated
Silent Knight	5895XL	Power Supply in Medium Metal Cabinet	Distributed Power Module	Surface Wall Mount	28	48	16.1	26.4	4.1	Extrapolated
,	Notes: 1) Extrapolated model (IFP-25) is de-populated UUT-7. 2) Extrapolated models (RPS-2000), (5895XL) are de-populated UUT-3.									

Alternate	Branding	Paola Description			Weight Without	Max	Мах	Dimens [in]	ions	UUT
Model N	lumbers	Basic Description	Unit Details	Mounting	Batteries [lb]	Weight [lb]	Width	Height	Depth	001
Farenhyte	RPS-1000	Power Supply in Medium Metal Cabinet	6 Amp Distributed Power Module	Surface Wall Mount	28	48	16.1	26.4	4.1	Extrapolated
Fike	FIK- RPS1000	Power Supply in Medium Metal Cabinet	6 Amp Distributed Power	Surface Wall	28	48	16.1	26.4	4.1	Interpolated
Gamewell FCI	FLEX410 / GWF410	Fire Alarm Control Panel in Medium Metal Cabinet	Fire Alarm Control Panel w/ Digital Communicator	Surface Wall Mount	28	48	16.0	26.4	4.0	Interpolated
Silent Knight	5820XL	Fire Alarm Control Panel in Medium Metal Cabinet	Addressable Fire Alarm Panel	Surface Wall Mount	28	48	16.2	26.4	4.2	Interpolated
Farenhyte	IFP-1000	Fire Alarm Control Panel in Kedium Metal Cabinet	Addressable Fire Alarm Panel	Surface Wall Mount	28	48	16.2	26.4	4.2	Interpolated
Farenhyte	IFP-100	Fire Alarm Control Panel in Medium Metal Cabinet	Intelligent Fire Alarm Control Panel	Surface Wall Mount	28	48	16.0	26.4	4.7	Interpolated
Silent Knight	5808	Fire Alarm Control Panel in Medium Metal Cabinet	127 Pt. Single Loop Addressable Panel	Surface Wall Mount	28	48	16.0	26.4	4.7	Interpolated
Silent Knight	6808	Fire Alarm Control Panel in Medium Metal Cabinet	Intelligent Fire Alarm Control Panel	2Surface Wall Mount	28	48	16.4	26.4	4.1	Interpolated
Farenhyte	IFP-2000	Fire Alarm Control Panel in Medium Metal Cabinet	Scalable Analog / Addressable Fire Alarm Control Panel	Surface Wall Mount	28	48	16.0	26.4	4.7	Interpolated
Notes: 1) Extrapolated	Notes: 1) Extrapolated model (RPS-1000) is de-populated UUT-3.									

Alternate	Branding	Pasia Description	Unit Details	Mounting	Weight Without	Max	Мах	Dimens [in]	ions	UUT
Model N	lumbers	Basic Description	Unit Details	Mounting	Batteries [lb]	Weight [Ib]	Width	Height	Depth	001
Silent Knight	6820	Fire Alarm Control Panel in Medium Metal Cabinet	Intelligent Fire Alarm Control Panel	Surface Wall Mount	28	48	16.4	26.4	4.1	Interpolated
Farenhyte	RFP-2100	Fire Alarm Control Panel in Medium Metal Cabinet	Scalable Analog / Addressable Fire Alarm Control System	Surface Wall Mount	28	48	16.4	26.4	4.1	Interpolated
Fike	RFCP-2100	Fire Alarm Control Panel in Medium Metal Cabinet	Scalable Analog / Addressable Fire Alarm Control System	Surface Wall Mount	28	48	16.4	26.4	4.1	Interpolated
Farenhyte	IFP-300	Fire Alarm Control Panel in Medium Metal Cabinet	Intelligent Fire Alarm Control Panel	Surface Wall Mount	28	48	16.4	26.4	4.1	Interpolated
Fike	FCP-300	Fire Alarm Control Panel in Medium Metal Cabinet	Intelligent Fire Alarm Control Panel P-0065	Surface Wall Mount	28	48	16.4	26.4	4.1	Interpolated
Farenhyte	IFP-2100	Fire Alarm Control Panel in Medium Metal Cabinet	Intelligent Fire Alarm Control	Surface Wall	28	48	16.4	26.4	4.1	Interpolated
Fike	FCP-2100	Fire Alarm Control Panel in Medium Metal Cabinet	Intelligent Fire Alarm Control Panel	Surface Wall Mount	28	48	16.4	26.4	4.1	Interpolated
Gamewell FCI	150-00026 / FV IV-50	Fire Alarm Control Panel with Microphone in Medium Metal Cabinet	Voice Evacuation System	Surface Wall Mount	28	56	17.0	26.0	4.0	Interpolated
Silent Knight	SKE-450	Fire Alarm Control Panel with Microphone in Medium Metal Cabinet	Voice Evacuation System	Surface Wall Mount	28	56	17.0	26.0	4.0	UUT-1
			BUILDING							

Alternate	Branding	Desis Description		Marratian	Weight Without	Max	Мах	Dimens [in]	ions	UUT
Model N	lumbers	Basic Description	Unit Details	Mounting	Batteries [lb]	Weight [lb]	Width	Height	Depth	001
Silent Knight	VIP-50	Amplifier in Medium Metal Cabinet	50 Watt Amplifier	Surface Wall Mount	11.5	19.5	16.0	26.3	4.0	Extrapolated
Farenhyte	ECS-50	Amplifier in Medium Metal Cabinet	50 Watt Amplifier	Surface Wall Mount	11.5	19.5	16.0	26.3	4.0	Extrapolated
Fike	FIK-50W	Amplifier in Medium Metal Cabinet	50 Watt Amplifier	Surface Wall Mount	11.5	19.5	16.0	26.3	4.0	Extrapolated
Notifier	NFC-50DA	Amplifier in Medium Metal Cabinet	50 Watt Amplifier	Surface Wall Mount	11.5	19.5	16.0	26.3	4.0	Extrapolated
Fire Lite	ECC-50DA	Amplifier in Medium Metal Cabinet	50 Watt Amplifier 0065	Surface Wall Mount	11.5	19.5	16.0	26.3	4.0	Extrapolated
Silent Knight	VIP-125	Amplifier in Medium Metal Cabinet	125 Watt Amplifier	Surface Wall Mount	28	46	16.0	26.3	4.0	Extrapolated
Farenhyte	ECS-125	Amplifier in Medium Metal Cabinet	BY: Mohammad Ka 125 Watt Amplifier	Surface Wall Mount	28	46	16.0	26.3	4.0	Extrapolated
Fike	FIK-125W	Amplifier in Medium Metal Cabinet	125 Watt Amplifier 1/20	2Surface Wall Mount	28	46	16.0	26.3	4.0	Extrapolated
Notifier	NFC-125DA	Amplifier in Medium Metal Cabinet	125 Watt Amplifier	Surface Wall Mount	28	46	16.0	26.3	4.0	Extrapolated
Notes: 1) Extrapolated models are de-populated UUT-9.										

Alternate	Branding	Basic Description	Unit Details	Mounting	Weight Without	Max Weight	Max Dimensions [in]			- UUT
Model N	lumbers	Basic Description	Unit Details	Mounting	Batteries [lb]	[lb]	Width	Height	Depth	001
Fire Lite	ECC-125DA	Amplifier in Medium Metal Cabinet	125 Watt Amplifier	Surface Wall Mount	28	46	16.0	26.3	4.0	Extrapolated
Silent Knight	EVS-125W	Amplifier in Medium Metal Cabinet	External Amplifier	Surface Wall Mount	28	3 49		26.3	4.0	UUT-9
Farenhyte	IFP-100VIP	Fire Alarm Control Panel with Microphone in Large Metal Cabinet	Voice Integration Panel	Surface Wall Mount	28	46	20.4	27.0	5.0	Interpolated
Farenhyte	IFP-100ECS	Fire Alarm Control Panel with Microphone in Large Metal Cabinet	Voice Integration Panel	Surface Wall Mount	28	46	20.4	27.0	5.0	Interpolated
Farenhyte	IFP- 300ECSB	Fire Alarm Control Panel with Microphone in Large Metal Cabinet	Emergency Communication System with Fire Alarm Control Panel	Surface Wall	55	70	21.6	28.1	5.1	Interpolated
Farenhyte	IFP-300 ECS	Fire Alarm Control Panel with Microphone in Large Metal Cabinet	Emergency Communication System with Fire Alarm Control Panel	Surface Wall	55	70	22.0	28.0	5.0	UUT-5
Fike	FCP- 300ECS	Fire Alarm Control Panel with Microphone in Large Metal Cabinet	Emergency Communication System with Fire Alarm Control Panel	Surface Wall Mount	55	70	22.0	28.0	5.0	Interpolated
Farenhyte	VIP-RM	Fire Alarm Control Panel with Microphone in Large Metal Cabinet	Remote Display / Microphone	Surface / Flush Wall Mount	53	71	20.0	26.5	4.6	Interpolated
Farenhyte	ECS-RM / ECS-RCU- 2000	Fire Alarm Control Panel with Microphone in Large Metal Cabinet	Remote Display / Microphone	Surface / Flush Wall Mount	53	71	20.0	26.5	4.6	Interpolated

Notes:

1) Extrapolated model (ECC-125DA) is de-populated UUT-9.

Alternate	Branding	Regio Description	Unit Details	Mounting	Weight Without	Max	Мах	Dimens [in]	ions	UUT
Model N	lumbers	Basic Description	Unit Details	Mounting	Batteries [lb]	Weight [lb]	Width	Height	Depth	001
Farenhyte	IFP- 2000VIP	Fire Alarm Control Panel with Microphone in Large Metal Cabinet	Voice Integration Panel with Analog / Addressable Fire Alarm Control	Surface / Flush Wall Mount	53	71	20.0	26.5	4.6	Interpolated
Farenhyte	IFP- 2000ECS	Fire Alarm Control Panel with Microphone in Large Metal Cabinet	Voice Integration Panel with Analog / Addressable Fire Alarm Control	Surface / Flush Wall Mount	53	71	20.0	26.5	4.6	Interpolated
Farenhyte	VIP- RM2000	Fire Alarm Control Panel with Microphone in Large Metal Cabinet	Remote Display / Microphone	Surface / Flush Wall Mount	53	71	20.0	26.5	4.6	Interpolated
Farenhyte	IFP- 1000VIP	Fire Alarm Control Panel with Microphone in Large Metal Cabinet	Emergency Communication System with Fire Alarm Control Panel	Surface / Flush Wall Mount	53	71	20.4	26.5	4.6	Interpolated
Farenhyte	IFP- 1000ECS	Fire Alarm Control Panel with Microphone in Large Metal Cabinet	Emergency Communication System with Fire Alarm Control Panel	Surface / Flush Wall Mount	53	71	20.4	26.5	4.6	Interpolated
Silent Knight	5820XL- EVS	Fire Alarm Control Panel with Microphone in Large Metal Cabinet	Emergency Communication System with Fire Alarm Control Panel	Surface / Flush Wall Mount	53	71	20.4	27.0	5.0	Interpolated
Silent Knight	6820 EVS	Fire Alarm Control Panel with Microphone in Large Metal Cabinet	Emergency Communication System with Fire Alarm Control Panel	Surface Wall Mount	55	72	22.0	28.0	5.0	UUT-6
Farenhyte	IFP- 2100ECSB	Fire Alarm Control Panel with Microphone in Large Metal Cabinet	Scalable Analog / Addressable Fire Alarm Control System	Surface Wall Mount	55	76	21.6	28.1	5.1	Interpolated
Fike	FCP- 2100ECS	Fire Alarm Control Panel with Microphone in Large Metal Cabinet	Scalable Analog / Addressable Fire Alarm Control System	Surface Wall Mount	55	76	22.0	28.0	5.0	Interpolated
Farenhyte	IFP- 2100ECS	Fire Alarm Control Panel with Microphone in Large Metal Cabinet	Scalable Analog / Addressable Fire Alarm Control System	Surface Wall Mount	55	76	22.0	28.0	5.0	UUT-4

Table 2 - Certified Subcomponents - Audio Splitters

Model	Manufacturer	Materials	Description	Max Weight [lb]	UUT
ECS-CE4	Honeywell	PCB	4 Zone Audio Splitter	<1	Extrapolated
FIK-CE4	Honeywell	PCB	4 Zone Audio Splitter	<1	Extrapolated
EVS-CE4	Honeywell	PCB	4 Zone Audio Splitter	<1	UUT-9
NFC-CE4	Honeywell	PCB	4 Zone Audio Splitter	<1	Interpolated
ECC-CE4	Honeywell	PCB	4 Zone Audio Splitter	<1	Interpolated
VIP-CE4	Honeywell	PCB	4 Zone Audio Splitter	1.0	Interpolated
SKE-ZN4	Honeywell	PCB	4 Zone Audio Splitter	1.0	Interpolated
SKE-ZN6	Honeywell	PCB	6 Zone Audio Splitter	1.0	UUT-1

Notes:

1) PCB = Printed Circuit Board

Table 3 - Certified Subcomponents - Transformers 065

Model	Manufacturer	Materials BV Mohamm	Description	Max Weight [lb]	UUT
5129	Basler Electric Inc.	Coppe <mark>r Win</mark> dings, Steel Frame	Transformer	2.6	Extrapolated from UUT-11
5135	Basler Electric Inc.	Copper Windings, Steel Frame	Transformer	2.6	Extrapolated from UUT-11
115035	Basler Electric Inc.	Copper Windings, Steel Frame 3/	01/2022 Transformer	2.6	UUT-2
115061	Basler Electric Inc.	Copper Windings, Steel Frame	Transformer	2.6	UUT-1, UUT-7



Table 4 - Certified Subcomponents - Control Boards

Model	Manufacturer	Materials	Description	Max Weight [Ib]	UUT
051282-PCA	Honeywell	PCB	Main Control Board	<1	Extrapolated
077040-PCA	Honeywell	PCB	Main Control Board	<1	Extrapolated
058200-PCA	Honeywell	PCB	Main Control Board	<1	Extrapolated
051050-PCA	Honeywell	PCB	Main Control Board	<1	UUT-2
068200-PCA	Honeywell	PCB	Main Control Board	<1	Interpolated
057000-PCA	Honeywell	PCB	Main Control Board	1.1	Interpolated
077500-PCA	Honeywell	PCB COR CO	Main Control Board	1.5	UUT-1
054960-PCA	Honeywell	PCB	Main Control Board	1.8	Interpolated
054950-PCA	Honeywell	PCB	Main Control Board	1.9	Interpolated
078000-PCB	Honeywell	PCB	Main Control Board	2.1	Interpolated
FIK-50WBD	Honeywell	PCB	Main Control Board	2.1	Interpolated
054990-PCA	Honeywell	PCB OSP-	0065 Main Control Board	2.2	Interpolated
058080-PCA	Honeywell	PCB	Main Control Board	2.3	Interpolated
P052090GA	Honeywell	PCBDV. Mahama	Main Control Board	2.3	Extrapolated
P052080	Honeywell	PCBD T. Monanni	Main Control Board	2.3	UUT-3
058950-PCA	Honeywell	PCB	Main Control Board	2.4	Interpolated
FIK-RPS1000BD	Honeywell	PCBDATE 03/	1/202 Main Control Board	2.4	Interpolated
078100-PCA	Honeywell	PCB	Main Control Board	3.1	UUT-9
FIK-125WBD	Honeywell	РСВ	Main Control Board	3.1	Interpolated
068970-PCA	Honeywell	PCB	Main Control Board	3.2	UUT-4
FIK-2100BD	Honeywell	PCB	Main Control Board	3.2	Interpolated
EVS-VCM	Honeywell	PCB	Voice Control Board	1.4	UUT-6
ECS-VCM	Honeywell	PCB BUILT	Voice Control Board	1.4	Same as UUT-6
VIP-VCM	Honeywell	PCB	Voice Control Board	1.4	Same as UUT-6

Notes:

1) The ECS-VCM & VIP-VCM are identical to the EVS-VCM except for software.

2) PCB = Printed Circuit Board.

Table 5 - Certified Subcomponents - Batteries

Model	Manufacturer	Materials	Rating (Amps)	Max Weight [Ib]	UUT
BAT-1270	Power Sonic	Lead Acid Battery	7	4.8	UUT-2, UUT-7
BAT-12180	Power Sonic	Lead Acid Battery	18	12.6	UUT-1, UUT-3, UUT-4, UUT-5, UUT-6, UUT-9
CP12-33	CooPower	Lead Acid Battery	33	26.0	UUT-8

Table 6 - Certified Subcomponents - Expanders

Model	Manufacturer	Materials	Description	Max Weight [lb]	UUT
VIP-SW24	Honeywell	PCB	24 Switch Expander	1.1	Same as UUT-5
ECS-SW24	Honeywell	РСВ	24 Switch Expander	1.1	UUT-5
FIK-SW24	Honeywell	PCB	24 Switch Expander	1.1	Same as UUT-5
Notes:		USP.	-0065		

1) The VIP-SW24 is identical to the ECS-SW24 except for software

2) PCB = Printed Circuit Board

BY: Mohammad Karim

Table 7 - Certified Subcomponents - Other

Model	Adel Manufacturer Materials Descrip		Description	Max Weight [Ib]	UUT
LYRIC-3G	Honeywell	РСВ	Radio Module for CELL Series	<1	UUT-10
LYRIC-3GLP	Honeywell	PCB	Radio Module for CELL Series	<1	Same as UUT-10
LYRICLTE-A	Honeywell	PCB	Radio Module for LTE Series	<1	UUT-11
5128	Honeywell	PCB RITE	Communicator for 5129	<1	Extrapolated
5130	Honeywell	PCB	Communicator for 5135	<1	Extrapolated
CCP-LYRIC-PCA	Honeywell	PCB	Circuit Board for MOD & CAB Series	<1	UUT-10, UUT-11
Microphone	Shure, Astatic	Plastic	Microphone	<1	UUT-1
SEISKIT-MULTI-1	Honeywell	CRS	Seismic Bracket for EVS-125W	<1	UUT-9
EVS-INT50W	Honeywell	PCB	Internal Amplifier	2.0	UUT-6
SK-NIC	Silent Knight	PCB	Network Card	<1	UUT-5
FIK-NIC	Silent Knight	PCB	Network Card	<1	UUT-5

Notes:

1) The LYRIC-3G & LYRIC-3GLP are identical except for nomenclature.

2) 5128 and 5130 PCBs are bookended by UUT 10 and UUT 111.

3) PCB = Printed Circuit Board.

4) CRS = Cold Rolled Steel.

5) The EVS-125W must be installed with the SK-SCK-5104 seismic bracket.



UUT-1

								30995-1901
Model Line)	N	lodel Numb	er		1	Manufacture	r
Silent Knight SKE-450 Hone					Honeywell			
		Product C	onstruction	Summary	1			
Carbon Steel Enclosure	;							
		Options / S	ubcompone	nt Summa	ry			
Audio Splitter: Honeywe Astatic	ell; Transformer: Basler E	Electric Inc.;	Control Boar	d: Honeyw	ell; Batteries	Power Sonic	; Microphone	e: Shure,
	1	P FO.	UT Propertie	es	0.			
Weight	S		ons [in]		2	Lowe	st Nat. Freq.	[Hz]
[lbs]	Length		dth	Не	eight	F-B	S-S	v
56	4		7P-006		26	N/A	N/A	N/A
		Highest Pas	sed Seismic	Run Infor	rmation			
Building Code	Test Criteria	S _{DS} (g)	am z/h ad	Kari m	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
050.0040		2.0	1.0	1.5	3.20	2.40	-	-
CBC 2019	ICC-ES AC156	2.5	02001/2	0245		-	1.67	0.67
UUT-01 was rigidly, wal mounted to the shake ta	I mounted to the fixture hable.			ng Qty. (4)	1/4" diameter	, grade 8 bo	lts. Fixture v	vas hard



UUT-2

						-	;	30995-190
Model Line		Ν	Nodel Numb	er		Г	Manufacture	r
Silent Knight	Silent Knight 5104 Honeywell							
		Product C	Construction	Summary	1			
arbon Steel Enclosure	•							
		•	ubcompone		-			
ransformer: Basler Ele	ctric Inc.; Control Board	: Honeywell;	Batteries: Po	ower Sonic				
		OR	CODF	Ca				
		FUR		COA				
	- CF		IUT Properti	es		1		
Weight	E.		ions [in]	Height		Lowest Nat. Freq. [Hz		
[lbs]	Length		idth			F-B	S-S	V
14	3		t2P-006	<u> </u>	16	N/A	N/A	N/A
		-	sed Seismic					• •
Building Code	Test Criteria ICC-ES AC156	S _{DS} (g)	am z/h ad	Karim	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g
CBC 2019		2.0	1.0	1.5	3.20	2.40	-	-
		2.5	03 ⁰⁻⁰ 1/2 Mounting D	0225	Jo /	-	1.67	0.67
All units	were filled with contents	and mainta	05.30	2019 10 C	and functiona	lity after AC.	-156 test	

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UUT-3

Model Line							,	30995-190
	e	М	odel Numb	er		Ν	lanufacture	r
Silent Knigl	nt		5208				Honeywell	
		Product C	onstruction	Summary	,			
arbon Steel Enclosur	e							
		Options / Su	ubcompone	nt Summa	ry			
ontrol Board: Honeyw	vell; Batteries: Power So	nic						
		FOR	CODE	Ca				
		FOR		COAR				
	N		UT Properti	es				
Weight		Dimensi					st Nat. Freq.	
[lbs]	Length	Wi			eight	F-B	S-S	V
48	4		<u>żP-006</u>	<u> </u>	26	N/A	N/A	N/A
Puilding Code	Test Criteria	lighest Pas				A (a)	A (m)	A (a
Building Code	l'est Criteria	S _{DS} (g)	am r/h ad	Karim	A _{FLX-H} (g)	А _{RIG-Н} (g)	A _{FLX-V} (g)	A _{RIG-V} (g
CBC 2019	ICC-E <mark>S AC1</mark> 56	2.0	1.0	1.5	3.20	2.40	-	-
		2.5	03/01/2 Mounting D	02^{15}	J-n-	-	1.67	0.67
nounted to the shake t	Il mounted to the fixture value.		ILDIN	GEO		g		



UUT-4

								30995-190
Model Line		Ν	lodel Numbe	ər		Γ	Manufacture	er
Silent Knight	t	I	FP-2100 EC	8			Honeywell	
	•	Product C	Construction	Summary				
arbon Steel Enclosure								
		-	ubcompone	nt Summar	у			
ontrol Board: Honeywe	ell; Batteries: Power Sor	nic						
		OR	CODE	Ca				
		FOR		COA				
	AL.		UT Propertie	es				
Weight			ensions [in]		Lowest Nat. Freq. [1	
[lbs]	Length		idth	Height		F-B	S-S	V
76	5		22P-006	<u> </u>	28	N/A	N/A	N/A
Building Code	Test Criteria	-	sed Seismic			•	•	•
Building Code	Test Criteria	2.0	am z/h ad 1.0	Karim 1.5	А _{FLX-Н} 3.20	А _{RIG-Н} 2.40	A _{FLX-V}	A _{RIG-V}
CBC 2019	ICC-E <mark>S AC</mark> 156	<u> </u>		1.5	3.20	-	- 1.67	0.67
		$A^{2.5}$	03 ⁰⁻⁰ 1/2 Mounting D		90	-	1.07	0.07
nounted to the shake ta	able.							
			05	29.2019	14.57			

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	VMC GROUP	/

UUT-5

					:	30995-1901	
Model Line		Model Number		Ν	r		
Silent Knight	t	IFP-300 ECS		Honeywell			
	ļ	Product Construction Summ	nary				
Carbon Steel Enclosure							
		Options / Subcomponent Sum	imary				
Batteries: Power Sonic;	Expander: Honeywell						
		ODEO					
		FORCEBLCO	10				
		UUT Properties	PD,				
Weight		Dimensions [in]		Lowest Nat. Freq. [Hz			
[lbs]	Length	Width	Height		S-S	V	
70	5	O22P-0065	28	N/A	N/A	N/A	
		lighest Passed Seismic Run I	nformation				
Building Code	Test Criteria	3Y Spsohamz/had Karip	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
CBC 2019	ICC-ES AC156	2.0 1.0 1.5	5 3.20	2.40	-	-	
000 2010		A ^{2.5} . 03001/2025	5 .	-	1.67	0.67	
		Test Mounting Details					
mounted to the shake ta		via 12 gauge unistrut using Qty.					



UUT-6

Model Line		Model Number				Manufacturer		
Silent Knigh	Silent Knight 6820 EVS					Honeywell		
		Product Cons	struction S	ummary				
arbon Steel Enclosure								
		Options / Subco	=		y			
ontrol Board: Honeywe	ell; Batteries: Power Sc	onic; Internal Amp	olifier: Hone	eywell				
		FORCO	ODE					
				-OA				
	L.		Properties			Lowor	t Not Erog	r u~ 1
Weight [lbs]	Length	Dimensions Width		Hoi	ght	F-B	est Nat. Freq. [Hz]	
72	5		2-0065			г-в N/A	N/A	V N/A
12		Highest Passed	Seismic F	X		IN/A	N/A	
Building Code	Test Criteria	BY S esohan	n z/h ad Ka	arim	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
		2.0	1.0	1.5	3.20	2.40	-	-
CBC 2019	ICC-E <mark>S AC</mark> 156	2.5	0.01/20	- 1,5		-	1.67	0.67
		Test Mou	unting Det	ails				
ounted to the shake ta	I mounted to the fixture able.		DINC	Qty. (4) 1	4 diameter,	grade o bor	IS. FIXIULE V	as naru

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	VMC GROUP	

UUT-7

							30995-1901
Model Line		Model Num	ıber		Manufacturer		
Silent Knight 6700 Honeyv						Honeywell	
	I	Product Construction	on Summary				
Carbon Steel Enclosure	,						
		Options / Subcompor	nent Summar	rv			
Transformer: Basler Ele	ectric Inc.; Batteries: Powe			y			
		FORCOD	ECON				
	E	UUT Proper	ties				
Weight		Dimensions [in]			Lowes	st Nat. Freq	. [Hz]
[lbs]	Length	Width	He	eight	F-B	S-S	V
23	3	Ot3P-00	<u> </u>	15	N/A	N/A	N/A
		lighest Passed Seisn	nic Run Infor	mation			
Building Code	Test Criteria	3Y Sesohamz/had	l Kari m	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	-	-
		2.5 030.0 Test Mounting	20225	Joh	-	1.67	0.67
hard mounted to the sha	I mounted to the fixture vake table.				e o machine	SCIEWS. FIX	ure was

AT FIED AT FIED VMC GROUP	Summary Sheet				UUT-8	30995-1901		
Model Line		N	lodel Numbe	er		l N	lanufacture	
						Honeywell		
Silent Knigh		RBB				Honeywell		
Carbon Steel Enclosure		Product C	Construction	Summary				
Carbon Steel Enclosure	3							
		Options / S	ubcompone	nt Summar	у			
Batteries: CooPower		EDFOR		COMP				
Weight	5		ions [in]		4	Lowes	st Nat. Freq	. [Hz]
[lbs]	Length	Wi	idth	He	ight	F-B	S-S	V
55	6	0	6P-006	5	10	N/A	N/A	N/A
		T Highest Pas	sed Seismic	Run Infor	mation			
Building Code	Test <mark>Crite</mark> ria	BYSpsoh	am z/h ad	Kari m	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	03/01/2	02 ⁵	Val	-	1.67	0.67
UUT-08 was rigidly, wal	Z		Mounting D			<u> </u>		
hard mounted to the sh	ake table.	BUILDER		20134 max y Sheet 10:2		019 09: 11		

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UUT-9

								30995-1901
Model Line Model Number Man						Manufacture	r	
Silent Knigh	Silent Knight EVS-125W Honeywell							
	I	Product C	onstruction	Summary				
Carbon Steel Enclosure								
		-	ubcompone		-			
Audio Splitter: Honeywe	ell; Control Board: Honey	well; Batteri	es: Power So	onic; Seismi	c Bracket: H	oneywell		
		OB	CODE					
	-	FUR		CON				
	AF	U	UT Properti	es				
Weight		Dimensi	ons [in]		4	Lowes	st Nat. Freq	. [Hz]
[lbs]	Length	Wi	dth	He	ight	F-B	S-S	V
49	4	08	6P-006	5 2	26	N/A	N/A	N/A
	UUT F	lighest Pas	sed Seismic	Run Infor	mation			
Building Code	Test Criteria	SY S _{bsioh}	am z/h ad	Karim	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	-	-
000 2010		2.5	030.01/2	$02^{\frac{1}{5}}$	M .	-	1.67	0.67
		Test	Mounting D	etails				
mounted to the shake ta	I mounted to the fixture vable.					, g. a a c c c c c		



UUT-10

Model Line								30995-190		
Model Line Model Number			er		Ν	Manufacture	er			
Silent Knigh	Silent Knight			CELL MOD with CELL ANTENNA				Honeywell		
		Product C	onstruction	Summary						
lastic Enclosure & Pla	stic Antenna									
		Options / Su	ubcompone	nt Summar	У					
adio Module for CELL	Series: Honeywell; Circ	uit Board: Ho	oneywell							
			CODE							
		FOK	CODE	CON						
	.F	U	UT Properti	es						
Weight	4	Dimensi	ons [in]		4	Lowest Nat. Freq. [Hz]				
[lbs]	Length	Wi	dth	He	ight	F-B	S-S	v		
1	2	08	SP-006	5	7	N/A	N/A	N/A		
	UUT	Highest Pase	sed Seismic	c Run Infor	mation					
Building Code	Test <mark>Crite</mark> ria	SV S _{DS Oh}	am z/h ad	Kari n	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	-	-		
CBC 2019	ICC-ES ACISO	2.5	$03^{0.0}1/2$	0245		-	1.67	0.67		
			00/01/2							
UT-10 was rigidly, wa nounted to the shake ta	Il mounted to the fixture		Mounting D unistrut usir		/4" diameter	, grade 8 bol	lts. Fixture v	vas hard		

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

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UUT-11

								30995-19
Model Line		Model Number				N	lanufacture	r
Silent Knigh	t	LTE-CAB-SK with Cell ANTENNA				Honeywell		
		Product C	onstruction	Summary				
ld Rolled Steel Enclo	sure & Plastic Antenna			ж.				
		Options / Su	ubcompone	nt Summar	ry			
idio Module for LTE S	Series: Honeywell; Circui	it Board: Hon	eywell					
		OB	CODF	C				
		FUR		CON				
	AL AL		UT Propertie	es				
Weight	L.		ons [in]		Y I	Lowest Nat. Freq. [[Hz]
[lbs]	Length		dth	_	eight	F-B	S-S	V
5	3		ðP-006	<u> </u>	10	N/A	N/A	N/A
		Highest Pas	sed Seismic			1		
Building Code	Test Criteria	BY Spsoh	am r/h ad	Karim	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG}
CBC 2019	ICC-E <mark>S AC</mark> 156	2.0	1.0	1.5	3.20	2.40	-	-
		2.5	03/01/2	$02^{\frac{1}{2}5}$	Mal	-	1.67	0.6
		Test	Mounting D	etails				
	NC Project Sec.	UT Summary Sheet		G				
	Wight Bit	40 10 2	77 44		24			

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

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