

	<b>Sutphen</b> <b>Component Report</b> <b>Herb Fire</b>	<b>HS-5837 Sandusky, OH</b>
	Phone Number: 419-627-5822 Mobile Number: 419-557-1148 Email: <a href="mailto:ddegnan@ci.sandusky.oh.us">ddegnan@ci.sandusky.oh.us</a>	Order#: SOB000952

<b>Bill To</b>
<b>Customer:</b> Sandusky Fire Dept.
<b>Contact:</b> Dave Degnan, Fire Chief
<b>Address:</b> 600 W. Market St Sandusky, OH

<b>Ship To</b>
<b>Customer:</b> Sandusky Fire Dept.
<b>Contact:</b> Dave Degnan, Fire Chief
<b>Address:</b> 600 W. Market St Sandusky, OH

<b>Comments</b>
<b>Project Coordinator:</b> Richie Miller
<b>Salesperson:</b> Andy Herb
<b>Revision:</b> <b>**REV-L**</b>

Line	Item #	Qty	Item Description/Comments
1		1	APPARATUS MODEL = SPH100
2		1	<b>**REV-D**</b> **ENG OAH = 11'8.5" (+/- 2").
3		1	**ENG Facility = Dublin.
4	10000215	1	STD WIRING SCHEMATIC
5	10010001	1	CHASSIS, CUSTOM
6		1	Wheelbase = 247".
7		1	**ENG AF Number = 184".
8	25020120	1	FRAME, 10" DOUBLE RAILS, DOMEX, TANDEM AXLE - AERIAL (110K PSI)
9	45010001	1	FRONT TOW EYES, BELOW BUMPER
10	45010015	1	FRONT TOW EYES, PAINTED
11	46010000	1	REAR TOW EYES
12	40010250	1	STEERING - ROSS TAS-85
13	22010100	1	DRIVE LINE, SPICER, 1810 SERIES (Tandem)

Line	Item #	Qty	Item Description/Comments
14	23013420	1	CUMMINS ISX 12 500HP DOC-DPF-DEF-SCR OBD
15	23030006	1	AIR INTAKE/EMBER SEPARATOR
16	47088888	1	<b>**REV-A**</b> SPECIAL ITEM, TRANSMISSION, ALLISON GEN 5, EVS4500
17	23110000	1	JACOBS ENGINE BRAKE
18	47024050	1	TRANSMISSION COOLER
19	47025000	1	TRANSMISSION FLUID, CASTROL TRANSYND
20	47030000	1	ALLISON TOUCH PAD SHIFTER
21		1	**ENG Shifter Pad Gearing = 6 Gears Open.
22	21021200	1	COOLING SYSTEM
23	21030000	1	FAN CLUTCH
24	21030200	1	RADIATOR COOLANT RECOVERY, PRESSURIZED SYST
25	21030500	1	LONG LIFE ANTIFREEZE, 50/50 MIX
26		1	**CLAR NOTES, Provide marking to prevent cross mixing of fluids.
27	26020100	1	FUEL BEAM, 65 GALLON (AERIALS)
28	26030050	1	DUAL FUEL FILL (FUEL BEAM)
29	26030100	1	FUEL COOLER
30	24040000	1	DIESEL EXHAUST FLUID TANK
31		1	**ENG DEF Access = DEF Door.
32	13012120	1	ALTERNATOR, LEECE NEVILLE 320 AMP 4962PA
33	15010500	1	<b>**REV-A**</b> BATTERIES, INTERSTATE TYPE 31 MHD (4)
34	15031700	1	BATTERY JUMPER TERMINALS
35	15031455	1	KUSSMAUL 1200 W/MANUAL SHORE LINE & 120V PUMP PLUS (FOR 20 AMP A/E)
36	15030550	1	KUSSMAUL 091-55-20-120 (VOLT) 20 AMP SUPER AUTO EJECT W/ WP COVER
37		1	**ENG Auto Eject Location = Driver's Side Of Cab, Standard Location.

Line	Item #	Qty	Item Description/Comments
38		1	**ENG Auto Eject Cover Color = Red.
39	15030530	1	SHORE POWER WITH TWO 120 V OUTLETS
40		1	**REV-A** **ENG Location = (1) Duplex Outlet Behind Driver's Seat.
41		1	**ENG 5-20 Houseplugs.
42		1	**ENG Battery Charger Note: Body Facility to provide/install battery charger & Auto Eject.
43	14088888	1	**REV-A** FRONT AXLE, DANA 25,500 LB.
44	41088888	1	**REV-A** SUSPENSION FRONT 25,500 LB.
45	41030100	1	SUSPENSION, ENHANCED SYSTEM
46	43088888	1	**REV-A** FRONT TIRES, GOODYEAR 445/65R 22.5 G296 LRL
47	14520310	1	REAR AXLE, MERITOR RT-50-180 52,000 LB TANDEM
48		1	**REV-A** **CLAR NOTES, Gear Ratio = 6.14.
49	14530150	1	TOP SPEED, 60 MPH
50	42020025	1	SUSPENSION REAR RAYDAN 52,000# AIR RIDE
51	44020280	1	TIRES, REAR, GOODYEAR 12R22.5 LRH G661 HIGHWAY 52,000 - 58,000 GVWR
52	42920200	1	TIRE PRESSURE MONITOR, REAL WHEELS, LED
53	44220200	1	**REV-A** WHEELS, ALUM, ALCOA (max 58K rear)
54	44270105	1	HUB COVERS, FRONT & REAR, POLISHED STS (Tandem Axle)
55	44270305	1	CHROME LUG NUT CAPS, FRONT & REAR (Tandem Axle)
56	44271100	1	MUD FLAPS, FRONT (PAIR)
57	44271200	1	MUD FLAPS, REAR (PAIR)
58	16010225	1	BRAKES MERITOR SCAM 6" FRT 8.625" REAR TANDEM
59	18010046	1	AIR BRAKE SYST 6 TANKS WABCO 1200 DRYER (TANDEM)
60		1	**REV-A** **CLAR NOTES, Ensure no automatic bleeders/drains on air tanks.
61	18020000	1	**REV-A** CENTRAL LOCATION FOR AIR TANK DRAINS

Line	Item #	Qty	Item Description/Comments
62		1	**CLAR NOTES, Body facility to install pull cord to drain wet tank.
63	18030110	1	AIR OUTLET CONNECTION
64		1	**ENG Air Outlet Location = Driver's Side Pump Panel.
65	18220500	1	NO ELEC STABILITY CONTROL SYS
66	18110150	1	WABCO 6 CHANNEL ANTI-LOCK BRAKES W/ASR TANDEM
67	54010200	1	AERIAL CHASSIS PREP (TANDEM AXLE)
68	54010000	1	MISCELLANEOUS ITEMS ON CHASSIS
69	11024292	1	CAB TSAL4SE 73" 10" RR 1/2
70	11030025	1	CAB CERTIFICATION - STRUCTURAL INTEGRITY
71	11031025	1	CAB TILT SYSTEM W/AIR TURN VALVE
72		1	<b>**REV-A**</b> **ENG Cab Tilt Controls = Driver's Side Turntable Steps.
73	11031100	1	MANUAL BACK-UP TILT SYSTEM
74	11031350	1	CAB DOORS, FULL LENGTH
75	11031390	1	<b>**REV-E**</b> AUXILIARY CAB STEPS, ALUM, SET OF 4
76	11031701	1	<b>**REV-B**</b> GLOVE BOX HOLDERS IN UPPER CREW DOORS (SLANT BACK, RR)
77	11031421	1	CAB DOOR WINDOWS, MANUAL
78	11031401	1	CAB SIDE WINDOWS, FIXED
79	11031440	1	NO WINDOWS, BACK WALL OF CAB
80	11031465	1	WINDOW TINTING (LIMO TINT 8%)
81	11030215	1	EXTERIOR COMPTS, SIDE OF EXT CAB
82		1	<b>**REV-A**</b> **CLAR NOTES, Standard non-transverse compartments on both sides.
83	52010010	1	SYNCHRONIZED ELECTRIC INTERMITTENT WIPERS
84	27022000	1	HANDRAILS, CAB, KNULED STAINLESS STEEL
85		1	<b>**REV-A**</b>

Line	Item #	Qty	Item Description/Comments
			**CLAR NOTES, Use shorter handrails for the crew doors so they're at approximately same height as handrails for the front doors (see drawing).
86	27030600	1	COAT HOOKS FOR GRAB HANDRAILS (4)
87	27030007	1	HANDRAILS, REAR CAB INTERIOR DOOR WINDOW KNULED STS
88	38010215	1	MIRRORS LANG MEKRA 300 SERIES HEATED & REMOTE
89	11024405	1	RAISED GRILLE, LEVEL STYLE FACADE (ISX)
90	20012210	1	BUMPER, 18" FORMED STEEL CHANNEL, PAINTED
91		1	**ENG Siren Speaker Perforations = No Siren Speaker Perforations In Bumper.
92	20088888	1	<b>**REV-C**</b> PAINTED STEEL BUMPER SIDES W/RECESSED LIGHT POCKETS
93	20040105	1	STORAGE WELL, DEEP CENTER, FULL WIDTH (18" BUMPER)
94		1	<b>**REV-A**</b> **CLAR NOTES, For 150' of 1.75" hose.
95	20030100	1	TREADPLATE COVER FOR BUMPER TROUGH
96		1	**ENG Storage Well Cover Note: Body Facility to provide/install storage well cover.
97		1	<b>**REV-A**</b> **CLAR NOTES, Notch cover for 1.75" hose pre-connected to front bumper discharge (top).
98	12010500	1	AIR HORNS, DUAL, GROVER #1510 ROUND
99		1	**ENG** Air Horns Location: Outboard In Bumper.
100		1	<b>**REV-A**</b> **CLAR NOTES, Straight through bumper face, no grill cover.
101	12030205	1	AIR HORNS WIRED TO STEERING WHEEL BUTTON
102		1	<b>**REV-A**</b> **CLAR NOTES, Install rocker switch to go from air horn to standard horn.
103	12040010	1	MOMENTARY SWITCH ON DASH, OFFICER'S SIDE
104	12510110	1	SIREN, WHELEN 295HFS2, REMOTE FLUSH MOUNT
105		1	**CLAR NOTES, Wire to Activate Only With Emergency Master.
106	12610110	1	SIREN SPEAKERS, CAST PROD SA4201-6B-A (2) IN GRILLE
107	12710100	1	SIREN, FEDERAL Q2B, FLUSH GRILLE MOUNT
108		1	**CLAR NOTES, Wire to activate only with emergency master.

Line	Item #	Qty	Item Description/Comments
109	12730310	1	FOOT SWITCH, OFFICER'S SIDE, FOR MECH SIREN
110	32520510	1	HEADLIGHTS, LED, DUAL STS HOUSINGS
111	32530500	1	ALTERNATING FLASHER FOR HEADLIGHT
112	48010300	1	WHELEN 400 SERIES LED FRONT TURN SIGNALS (4)
113	11035405	1	DIAMONDPLATE REAR EXTERIOR WALL OF CAB
114	11035435	1	DIAMONDPLATE CAB ROOF, FULL WIDTH
115	31010285	1	INTERIOR, MULTISPEC BLACK SPECKLE PAINT W/GRAY-BLACK DURAWEAR
116	11032929	1	DOOR PANEL, FULL STS
117	31010291	1	<b>**REV-A**</b> CAB INTERIOR FLOOR COVERING, BLACK RUBBERIZED
118	22510100	1	ENGINE ENCLOSURE, FULL SIZE
119	22510530	1	ENGINE ENCLOSURE COVERING, SCORPION BLACK URETHANE BLEND
120	11031680	1	CENTER CONSOLE W/MAP BOOK STORAGE, TOP OF ENGINE ENCLOSURE
121	22610050	1	ENGINE HOOD LIGHT, LED (1)
122	11031512	1	COMPUTER TRAY IN LIEU OF GLOVE BOX
123		1	<b>**ENG Computer Tray Note:</b> Springfield to purchase & ship loose (Dublin Facility to install).
124	11031690	1	<b>**REV-A**</b> STORAGE COMPT, BACK OF HEAT/AC UNIT (CHF-4867)
125		1	<b>**CLAR NOTES,</b> Paint same color as cab interior = black speckle.
126	30010125	1	INSTRUMENTATION, BEEDE GAUGES W/ CENTER & OVERHEAD CONSOLES
127		1	<b>**ENG Overhead Console Panel's Finish:</b> Black Wrinkle.
128		1	<b>**REV-L**</b> **ENG Overhead Console Position 1: Switch #1: Emergency Master. Switch #2: Alternating Headlights. Switch #3: "Brow Light". Switch #4: "Left Cab Scene". Switch #5: "Right Cab Scene". Switch #6: "Rear Scene". Switch #7: "Outrigger Lights".
129		1	<b>**REV-A**</b> **ENG Overhead Console Position 2: -Camera Monitor.

Line	Item #	Qty	Item Description/Comments
130		1	**ENG Overhead Console Position 3: -A/C Controls.
131		1	**ENG Overhead Console Position 4: -Warning Indicators. -Seat Belt Monitor.
132		1	**ENG Overhead Console Position 5: -Blank.
133		1	**ENG Overhead Console Position 6: -Blank.
134		1	**ENG Overhead Console Position 7: -Blank.
135		1	<b>**REV-L**</b> **ENG Lower Command Console Finish: Black Urethane.
136		1	**ENG Lower Console Panel's Finish: Black Wrinkle.
137		1	**ENG Lower Console Position 1: -Transmission Shift Pad. -Pump Shift.
138		1	<b>**REV-L**</b> **ENG Lower Console Position 2: Switch #1: Jake On/Off. Switch #2: Jake Low/Med/High. Switch #3: High Idle. Switch #4: PTO Lad/Jack. Switch #5: Air Horn/E. Horn.
139		1	**ENG Lower Console Position 3: -Parking Brake. -Siren Head (Install as low as possible). -Cut-Out for Customer Supplied/Installed Radio Above Siren Head. Radio Make & Model: Motorola XPR2500 (1.7 x 6.7 x 5.3 in)
140		1	**ENG Lower Console Position 4: -Blank.
141		1	<b>**REV-L**</b> **ENG Lower Console Position 5: Switch #1: Emergency Master. Switch #2: Air Horns. Switch #3: Q2B Brake.
142	30010700	1	CAB PUMP SHIFT
143	29910000	1	LOAD MANAGER, CLASS-1
144	30031100	1	HIGH IDLE SWITCH
145	30031775	1	12V POWER POINTS, (2)
146		1	**ENG Power Point Location (1): Standard Plug, Driver's Switch Pod Corner of Lower Position 3.
147		1	**ENG Power Point Location (2): Double USB Plug, Officer's Switch Pod Corner of Lower Position 3.
148	11040000	1	CAB ACCESSORY FUSE PANEL

<b>Line</b>	<b>Item #</b>	<b>Qty</b>	<b>Item Description/Comments</b>
149	<b>30110000</b>	1	VEHICLE DATA RECORDER, AKRON/WELDON
150	<b>33510030</b>	1	INTERIOR CAB LIGHTS, RED/CLEAR LED (2)
151	<b>34010030</b>	1	INTERIOR CREW LIGHTS, RED/CLEAR LED (2)
152		1	**CLAR NOTES, Default to Red lights when doors open.
153	<b>28010740</b>	1	DEFROSTER, HEATER & A/C (COMPACT)
154	<b>28090003</b>	1	HEAT TO FEET
155	<b>28030500</b>	1	DEFROSTER DUCTWORK, ENTIRE WINDSHIELD
156	<b>11031687</b>	1	TOOL MOUNTING PLATE, 25" x 19.5", TOP OF HEAT/AC UNIT
157	<b>28031000</b>	1	FAN, 12 VOLT, DRIVER'S SIDE
158	<b>28031100</b>	1	FAN, 12 VOLT, OFFICER'S SIDE
159	<b>38510105</b>	1	DRIVER'S SEAT, BOSTROM SIERRA HIGH BACK AIR RIDE (DURAWEAR)
160	<b>38320000</b>	1	HELMET STORED IN COMPARTMENT
161	<b>39010120</b>	1	OFFICER'S SEAT, BOSTROM TANKER 450 ABTS SCBA (DURAWEAR)
162	<b>39030010</b>	1	OFFICER'S SEAT COMPT, OPEN FRONT
163	<b>38320000</b>	1	HELMET STORED IN COMPARTMENT
164	<b>39521125</b>	1	CREW SEAT1, BOSTROM TANKER 450 ABTS SCBA (DURAWEAR)
165	<b>38320000</b>	1	HELMET STORED IN COMPARTMENT
166	<b>39521126</b>	1	CREW SEAT2, BOSTROM TANKER 450 ABTS SCBA (DURAWEAR)
167	<b>38320000</b>	1	HELMET STORED IN COMPARTMENT
168	<b>39521425</b>	1	CREW SEAT3, BOSTROM TANKER 400CT ABTS SCBA FLIP UP (DURAWEAR)
169	<b>38320000</b>	1	HELMET STORED IN COMPARTMENT
170	<b>39521426</b>	1	CREW SEAT4, BOSTROM TANKER 400CT ABTS SCBA FLIP UP (DURAWEAR)
171	<b>38320000</b>	1	HELMET STORED IN COMPARTMENT
172	<b>39550100</b>	1	SEAT COLOR, BLACK

Line	Item #	Qty	Item Description/Comments
173	39610000	5	SCBA BRACKETS, BOSTROM, SECURE ALL (5)
174	38410000	1	SEAT BELT WARNING SYSTEM, AKRON / WELDON
175	39710000	1	CREW SEAT COMPT, FRONT DROP-DOWN DOORS (73" CAB)
176	11031745	1	OVERHEAD STORAGE, FRONT OF 10" RR W/DOORS
177	84541700	1	<b>**REV-A**</b> INSTALLATION OF CUSTOMER'S 2-WAY RADIO ANTENNA (1)
178		1	**ENG Antenna Termination Location #1: Center Console Dash, Behind Lower Position 3.
179	84588888	1	<b>**REV-A**</b> SPECIAL ITEM, INTERCOM, SETCOM – 6 POSITION – DRIVER HEADSET WIRELESS
180		1	**ENG Driver is the only wireless headset. The driver & officer headsets will have push-to-talk radio Interface capability. This is the layout: Driver = (1) wireless, push-to-talk radio capable headset. Officer = (1) wired, push-to-talk radio capable headset. Crew Seats = (4) wired, intercom-only headsets.
181		1	**ENG Intercom Special Requirements (Radio Interface, Etc.) Radio Make & Model: Motorola XPR2500.
182	84560600	1	CAMERA SYSTEM, INTEC, SINGLE CAMERA
183		1	**ENG Camera Mounting Location #1: Rear of Body, Left Treadplate Area (See Drawing).
184		1	**ENG Camera Monitor Mounting Location: Overhead Console Position 2.
185		1	**ENG Camera System Note: Body Facility to provide/install camera system.
186	60012305	1	QMAX-1500 GPM 6" SUCTION SINGLE STAGE PUMP
187	60025010	1	GEARBOX, HALE, G-SERIES, FRONT MOUNTED
188	60026000	1	PUMP PACKING, HALE
189	60031005	1	ALLOY ANODES, HALE
190	60035121	1	PUMP TEST, MISTRAS GROUP, INC
191		1	<b>**REV-A**</b> **CLAR NOTES, Call fire department with pump test date- they would potentially like to attend.
192	61510000	1	AUXILIARY COOLER (HEAT EXCHANGER)
193	61588888	1	<b>**REV-B**</b> SPECIAL ITEM, VALVE FOR AUXILIARY COOLER LOCATED ON PUMP PANEL
194		1	<b>**REV-B**</b> **CLAR NOTES, A quarter-turn valve mounted at the pump control panel shall regulate the flow of water from the fire pump to the heat exchanger. The control valve shall be labeled to identify the valve and indicate the direction of opening and closing. To prevent damage from freezing, the fire pump side of the heat exchanger shall be plumbed to the master drain valve.

<b>Line</b>	<b>Item #</b>	<b>Qty</b>	<b>Item Description/Comments</b>
195	<b>62010002</b>	1	STAINLESS STEEL PIPING
196	<b>66020100</b>	1	3" TANK TO PUMP W/CHECK VALVE
197	<b>61720100</b>	1	VALVE, AKRON HEAVY DUTY
198	<b>61770120</b>	1	ACTUATOR, VALVE, PUSH/PULL HANDLE, INNOVATIVE CONTROLS
199	<b>73010100</b>	1	TANK FILL 1.5"
200	<b>61720100</b>	1	VALVE, AKRON HEAVY DUTY
201	<b>61770120</b>	1	ACTUATOR, VALVE, PUSH/PULL HANDLE, INNOVATIVE CONTROLS
202	<b>61010405</b>	1	ENGINE PRESSURE GOVERNOR, CLASS1 TPGJ1939
203	<b>61210050</b>	1	INTAKE PRESSURE CONTROL, HALE, STS
204	<b>63021100</b>	1	6" MAIN SUCTION, LEFT SIDE
205	<b>65030000</b>	1	2.5" LEFT SIDE INLET
206	<b>61720100</b>	1	VALVE, AKRON HEAVY DUTY
207	<b>61770100</b>	1	ACTUATOR, VALVE, SWING HANDLE
208	<b>60036010</b>	1	THREADS, NST
209	<b>63025100</b>	1	6" MAIN SUCTION, RIGHT SIDE
210	<b>64030000</b>	1	2.5" RIGHT SIDE INLET
211	<b>61720100</b>	1	VALVE, AKRON HEAVY DUTY
212	<b>61770100</b>	1	ACTUATOR, VALVE, SWING HANDLE
213	<b>60036010</b>	1	THREADS, NST
214	<b>70525125</b>	1	2.5" DISCHARGE, LEFT – POSITION 1
215	<b>61720100</b>	1	VALVE, AKRON HEAVY DUTY
216	<b>61770100</b>	1	ACTUATOR, VALVE, SWING HANDLE
217	<b>77021010</b>	1	GAUGE, DISCH, INNOVATIVE CONTROLS 2.5"
218	<b>60036010</b>	1	THREADS, NST

Line	Item #	Qty	Item Description/Comments
219	70525125	1	2.5" DISCHARGE, LEFT – POSITION 2
220	61720100	1	VALVE, AKRON HEAVY DUTY
221	61770100	1	ACTUATOR, VALVE, SWING HANDLE
222	77021010	1	GAUGE, DISCH, INNOVATIVE CONTROLS 2.5"
223	60036010	1	THREADS, NST
224	71025130	1	4" DISCHARGE, RIGHT – POSITION 3
225	61720100	1	VALVE, AKRON HEAVY DUTY
226	61770100	1	ACTUATOR, VALVE, AKRON HANDWHEEL
227	77021010	1	GAUGE, DISCH, INNOVATIVE CONTROLS 2.5"
228	60036010	1	THREADS, NST
229	61840260	1	ADAPTER, 4" NST FE X 5" STORZ W/CAP & CHAIN, TFT
230	71025125	1	2.5" DISCHARGE, RIGHT – POSITION 4
231	61720100	1	VALVE, AKRON HEAVY DUTY
232	61770100	1	ACTUATOR, VALVE, SWING HANDLE
233	77021010	1	GAUGE, DISCH, INNOVATIVE CONTROLS 2.5"
234	60036010	1	THREADS, NST
235	72230000	1	DISCHARGE 1.5" FRONT BUMPER, 2" PLUMBING
236		1	**ENG Front Bumper Swivel Location/Side = Driver's Side.
237		1	**ENG Front Discharge Swivel Location/Trough = Top of Bumper.
238	61720100	1	VALVE, AKRON HEAVY DUTY
239	61770420	1	ACTUATOR, VALVE, ELECTRIC, AKRON 9323
240	77021010	1	GAUGE, DISCH, INNOVATIVE CONTROLS 2.5"
241	60036010	1	THREADS, NST
242	72811000	1	***REV-B*** ONE 2.5" CROSSLAY, 2.5" SWVL & TWO 2" CROSSLAYS W/1.5" SWIVEL

Line	Item #	Qty	Item Description/Comments
243		1	<p>**ENG Crosslay Hose Load Requirement =</p> <p>One crosslay with 2.5" piping and 2.5" swivel with the capacity of 200' of 2.5" hose.</p> <p>Two crosslays with 2" piping and 1.5" swivel with the capacity of 200' of 1.75" hose each.</p> <p>Both 2" crosslays shall be equipped with 2" valves. The valves shall be the "drop-out" style and controlled from the pump panel with electric actuators.</p> <p>2.5" crosslays shall be equipped with a 2.5" valve. The valve shall be the "drop-out" style and controlled from the pump panel with electric actuators.</p> <p>A roller assembly shall be provided on each side of the 1.75" crosslay hosebed for easier deployment of poly trays.</p>
244	72988888	1	<p><b>**REV-B**</b></p> <p>SPECIAL ITEM, 1.75" CROSSLAYS TO TERMINATE AT TOP OF CROSSLAYS W/SWIVELS, 1 EACH SIDE</p>
245	61720100	3	VALVE, AKRON HEAVY DUTY (3)
246	61770420	3	ACTUATOR, VALVE, ELECTRIC, AKRON 9323 (3)
247	77021010	3	GAUGE, DISCH, INNOVATIVE CONTROLS 2.5" (3)
248	60036010	3	THREADS, NST (3)
249	72988888	2	<p><b>**REV-B**</b></p> <p>SPECIAL ITEM, 3' PIGTAIL/HOSE SECTION CONNECTED TO 1.75" CROSSLAY SWIVEL FOR EASY CONNECTION OF CROSSLAY IN PULL-OUT TRAY (2)</p>
250		1	**CLAR NOTES, (1) Yellow, (1) Red.
251	POLY TRAYS FOR CROSSLAYS	1	SPECIAL ITEM, POLY TRAYS FOR 1.75" CROSSLAYS (4)
252		1	<p>**CLAR NOTES, CROSSLAY TRAYS</p> <p>Four (4) poly trays shall be provided for the 1.75" crosslays hosebeds, (2) for each hosebed allowing for (2) to be left at the station. The trays shall be able to accommodate (4) 50' sections of 1.75".</p>
253		1	<p><b>**REV-A**</b></p> <p>**CLAR NOTES, Poly trays are preferable- make sure they'll fit with double stack of 1.75".</p>
254	72988888	1	CROSSLAY HOSE ROLLERS (1)
255	72910520	1	COVER, VINYL FOR CROSSLAYS (SPH)
256		1	**ENG Crosslay/Speedlay Cover Color = Red.
257		1	**ENG Crosslay/Speedlay Cover Fastener = Bungee With Tabs.
258	61742000	1	MASTER PUMP DRAIN, MULTIPORT
259	61730005	10	DRAIN VALVES, INNOVATIVE CONTROLS, LIFT-UP(10)
260	78521440	1	WATERWAY, 4" VALVE, AKRON 9325 ELECTRIC ACTUATOR
261	74920210	1	SPH1 – SIDE MOUNT PUMP PANEL

Line	Item #	Qty	Item Description/Comments
262	74930510	1	PANEL FINISH, BLACK VINYL
263	74931000	1	ESCUTCHEON PLATES
264	74931050	1	COLOR CODING
265		1	**ENG Color Coding Special: #1 Discharge = Orange. #2 Discharge = Brown. #3 Discharge = Turquoise. #1 (1.75") Pre-Connect = Yellow (1.75 inch). #2 (1.75") Pre-Connect = Red (1.75 inch). #3 (2.5") Pre-Connect = White (2.5 inch). Front Bumper Line = Navy Blue. All Other Color Coding will be Standard.
266	74931110	1	PUMP FINISH, PAINTED FRAME COLOR
267	75040210	1	TROUGH IN RUNNING BOARD, RIGHT SIDE
268		1	**ENG Specify Hose Type & Capacity Desired for Right Running Board Trough = 25' of 5" Hose.
269		1	**ENG Right Trough Cover = Velcro Straps.
270	75510210	1	PUMP PANEL LIGHTS, LED STRIPS
271	75530100	1	LIGHT ON OPPOSITE SIDE PUMP PANEL, LED
272	75588888	1	SPECIAL ITEM, BACK LIT GAUGES
273		1	**REV-A** **CLAR NOTES, Backlighting Color = Blue.
274	76010105	1	PUMP PANEL GAUGES & CONTROLS
275	60028050	1	PUMP PRIMER, TRIDENT, AIR
276	60028310	1	(1) PRIMER BUTTON – MAIN SUCTION
277	76030805	1	**REV-A** HALE TRV-L THERMAL RELIEF VALVE WITH LIGHT AT PUMP PANEL
278	76031850	1	HOT WATER HEATER AT PUMP PANEL (AERIALS)
279	76031900	1	AIR HORN PUSH BUTTON SWITCH ON PUMP PANEL
280	76510060	1	GAUGES, MASTER, INNOVATIVE CONTROLS, 4"
281	77510050	1	GAUGE, WATER LEVEL, INNOVATIVE CONTROLS
282	77532102	1	GAUGE, WATER LEVEL, WHELEN PSTANK LED (2)

Line	Item #	Qty	Item Description/Comments
283		1	**ENG Whelen Gauge Locations = Driver's Side Cab Behind Crew Door.
284		1	**ENG Whelen Gauge Locations = Officer's Side Cab Behind Crew Door.
285	83525000	1	WATER TANK BRAND, UNSPECIFIED
286	83588888	1	SPECIAL ITEM, 500 GALLON TANK
287	80117030	1	BODY SPH-3, LEFT 56" H / RIGHT 56"H
288	80029930	1	STAINLESS STEEL SUBFRAME/UNDERFCARRIAGE
289	82031100	1	<b>**REV-A**</b> SLIDE-OUT STEP W/GRIP STRUT INSERT UNDER SIDE COMPT - EA
290		1	**ENG Install under R4 compartment.
291	81130200	1	ADJUSTABLE SHELF [R1] (1)
292		1	<b>**REV-L**</b> <del>**CLAR NOTES, Shallow Shelf, Install @ Bump Out. No Exhaust Bump Out.</del>
293	81188888	1	<b>**REV-K**</b> SLIDE-OUT TRAY FOR SPH-100 A1 COMPT [A1] (1)
294	81165705	1	UNISTRUT TRACK IN COMPTS
295	80288888	1	SPECIAL ITEM, AMDOR ROLL UP DOORS IN PLACE OF ROM, PAINTED
296		1	**ENG Paint color to match rest of truck.
297		1	<b>**REV-B**</b> <del>**CLAR NOTES, There will be no R2 door on this body. Install vented cover plate in place of door and paint to match the color of the truck.</del>
298		1	<b>**REV-B**</b> <del>**CLAR NOTES, L2, L3, and R3 will be painted slam doors like standard SPH-100's.</del>
299	84530910	1	COMPT LIGHTING, LED LIGHT STRIPS, 2 PER COMPT
300	81320205	1	SPH 100 HOSEBED, ALUM FLOORING
301		1	**ENG List the Hose Bed Hose Load Req. = 800' of 5", 500' of 2.5".
302	81330300	1	<b>**REV-J**</b> HOSE BED DIVIDER, ADJ (1)
303	81428888	1	SPECIAL ITEM, TREADPLATE HOSEBED COVER
304		1	<b>**REV-B**</b> <del>**CLAR NOTES, Hinge on Officer's Side.</del>
305		1	**ENG Drew Net Color = Red.

Line	Item #	Qty	Item Description/Comments
306		1	**REV-L** **ENG Black Plastic Buckles.
307	81910500	1	HANDRAILS, KNULED STS, SPH100
308	82013500	1	STEPS, SPH100
309	82510000	1	RUB RAILS, ANODIZED ALUM
310	83010100	1	ALUMINUM TREADPLATE (AERIALS)
311	80290101	1	FIBERGLASS WHEEL WELL LINERS
312	80288888	1	**REV-B** 6 SCBA CYLINDER COMPTS (TANDEM BODY)
313		1	**CLAR NOTES, See drawing for placement of cylinder compartments.
314	89088888	1	**REV-A** LADDERS, ALCO-LITE (SPH) 14' ROOF, 18' ROOF, 18' ROOF , 28'-2sec, & 10'F
315			**ENG Mount ladders according to layout on drawing.
316	89530900	1	MOUNTING OF EXTRA LADDER (EACH) (1)
317		1	**ENG Mount 14' roof ladder above officer side compartments.
318	89512200	1	LADDERS ENCLOSED IN HOSEBED ON BEAM (SPH)
319	84550199	1	LICENSE PLATE BRACKET - NOT PROVIDED
320	84510100	1	ELECTRICAL DESCRIPTION
321	84520000	1	BACK UP ALARM, ECCO SA917
322	85010302	1	**REV-A** TAIL/TURN/BACKUP, WHELEN 600, LED, QUAD
323	85030200	1	TECNIQ LED PARKING LIGHTS, REAR FENDERS, PAIR
324	85110100	1	ICC LIGHTS, LED
325	85130100	1	MARKER LIGHTS, BRITAX, FLEXIBLE, LED (PAIR)
326		1	**ENG Rear bottom corners of truck.
327	85510105	1	STEP LIGHTS, LED, WHELEN 2G
328	85710020	1	UNDERCARRIAGE GROUND LIGHTS, LED
329	85788888	1	SPECIAL ITEM, RIGID LED OUTRIGGER LIGHTS

Line	Item #	Qty	Item Description/Comments
330		1	**REV-A** **CLAR NOTES, Spot Light.
331		1	**REV-B** **CLAR NOTES, Switch in Cab, Overhead Console Position 1, Switch #6, "Outrigger Lights".
332	87028888	1	SPECIAL UPPER WARNING, (3) WHELEN FREEDOM 24" LED LIGHT BARS, (2) MCFLED LED BEACONS
333		1	**CLAR NOTES, Match Columbus, OH Upper Warning Package: (3) Whelen Freedom 24" LED light bars mounted on the cab roof (one centered and (2) outboard at 45-degree angles).  (2) MCFLED red LED beacons w/clear lenses.
334		1	**ENG Lightbar Details = Center bar to have 2-red LEDs and 1-white LED with clear lenses. Outboard bars to have 3-red LEDs and 2-white LEDs with clear lenses.
335		1	**ENG Upper Warning Lights Note: Springfield to purchase, install, but do not wire (Dublin will wire).
336	87520371	1	WARNING LIGHTS, LOWER, WHELEN 600 SUPER LED
337		1	**ENG Warning Light Color = Red.
338		1	**ENG Warning Light Lens Color = Red.
339		1	**ENG Warning Light Locations = Warning Light Locations (15) = (2) on front face of each cab warning light housing. (1) on side of each headlight housing. (1) each side of body in outrigger area below turntable. (1) each side of body on rear jack panels. (1) each side of body below L6/R6. (1) each side, rear of body, in bottom of taillight housings. (1) on rear face of platform, centered, low.
340	87088888	1	**REV-G** SPECIAL ITEM, OPTICOM, GLOBAL TECHNOLOGIES (GTT) MODEL 794H LED Emitter
341		1	**CLAR NOTES, Install between center lightbar and one of the 45-degree angled lightbars. No riser.
342		1	**ENG Opticom Note: Body Facility to provide/install opticom.
343	87537731	2	WARNING LIGHTS, WHELEN 600, SUPER LED (PAIR) (2)
344		1	**ENG Warning Light Color = Red.
345		1	**ENG Warning Light Lens Color = Red.
346		1	**ENG Warning Light Mounting Location = (1) each side of bumper on side skirts. (1) each side of cab above exterior compartments.
347	88390902	1	LIGHT, FR SPECTRA, LED, BROW 20K LUMENS, 12V (1)
348		1	**REV-L** **ENG Switched in Cab, Overhead Console Position 1, Switch #3: "Brow Light".
349	88390910	2	LIGHT, FR SPECTRA, LED, SURFACE MNT, 15K LUMENS, 12V (2)

Line	Item #	Qty	Item Description/Comments
350		1	**ENG Light Mounting Location = (1) Ea. Side of Cab, Above Middle Windows.
351		1	<b>**REV-L**</b> **ENG Switched in Cab, Overhead Console Position 1, Switch #4: "Left Cab Scene", Switch #5: "Right Cab Scene".
352	86537816	1	SCENE LIGHTS, WHELEN M9 LED, SURFACE MOUNT (PAIR) (12V) (1)
353		1	**ENG Light Mounting Location = Rear of Body, High, Outside Corners.
354		1	<b>**REV-L**</b> **ENG Switched in Cab, Overhead Console Position 1, (1) Switch, Switch #6: "Rear Scene".
355	88230611	1	<b>**REV-F**</b> GENERATOR, HARRISON, 10KW HYD AERIALS
356	88250405	1	CIRCUIT BREAKER PANEL WITH 8 SPACES FOR BREAKERS
357	88251200	1	BREAKER PANEL, STD LOCATION (L2)
358	88288888	2	<b>**REV-A**</b> SPECIAL ITEM, 120V DUPLEX OUTLET (2)
359		1	**CLAR NOTES, Locations: 5-20 Houseplugs. (1) in R1 Compartment, Back wall (when facing), Top Right Corner. (1) in L4 Compartment, Back wall (when facing), Right of Cord Reel, High.
360	88232025	1	<b>**REV-A**</b> AUTOMATIC TRANSFER SWITCH, IOTA #ts30
361		1	**CLAR NOTES, Transfer Switch Outlets: R1 and L4 Duplex Plugs.
362	88431200	1	<b>**REV-A**</b> HANNAY ECR1616-17-18 REEL W/200 FT. 10/3
363		1	**ENG Reel Mounting Location = Standard SPH location on officer's side, behind outrigger.
364		1	**ENG Reel Motor Location = Right Rear.
365	88432000	1	AKRON FOUR-WAY RECEPTACLE BOX, WIRED TO REEL CABLE (1)
366		1	<b>**REV-A**</b> **ENG NEMA Number = (2) L5-15 Twist-Locks, (2) 5-20 Houseplugs. -(1) of each, each side.
367		1	**ENG Receptacle Box, Hardwired, Pig Tail Or Recessed Plug = Hardwired.
368	88328888	1	SPECIAL ITEM, LIGHT TOWER, COMMAND LIGHT LED KL408A-W1 (240V)
369		1	**ENG Light Tower Control Location = L1 Compartment.
370	88388888	1	<b>**REV-A**</b> DEFLECTOR, TREADPLATE, FORWARD & SIDES OF LIGHT TOWER
371	88390800	1	LIGHT, FR SPECTRA, LED, SURFACE MNT, 15K LUMENS, 240V, FACE OF PLATFORM (1)
372		1	**ENG Light Mounting Location = Front Face of Platform, Centered, Low, Above Red 600 (See Dwg).

Line	Item #	Qty	Item Description/Comments
373		1	**ENG Switched in Platform Controls, (1) Switch, "Front Scene".
374	88390800	1	LIGHT, FR SPECTRA, LED, SURFACE MNT, 15K LUMENS, 240V, UNDER PLATFORM (1)
375		1	**ENG Light Mounting Location = Under Platform, Centered (See Dwg).
376		1	**ENG Switched in Platform Controls, (1) Switch, "Ground Scene".
377	88390843	2	LIGHT, FR SPECTRA, LED, TELE, 20K LUMENS, 240V, SPH PLATFORM (2)
378		1	**ENG Light Mounting Location = (1) Ea. Side, Rear Face of Platform, Mounted on Posts (See Dwg).
379		1	**ENG Switched in Platform Controls, (1) Switch, "Rear Scene".
380	88390802	2	<b>**REV-A**</b> LIGHT, FR SPECTRA, LED, SURFACE MNT, 15K LUMENS, 240V (2)
381		1	<b>**REV-A**</b> **ENG Light Mounting Location = (1) Ea. Side, Body, Above L6/R6, Inside Special Treadplate Boxes (Reference HS-5560 Salem, NH).
382		1	**ENG Switched in Breaker Box.
383	88388888	1	<b>**REV-A**</b> SPECIAL ITEM, TREADPLATE BOXES AROUND L6/R6 SPECTRA SCENE LIGHTS
384		1	**CLAR NOTES, See reference photo on shared drive. (Reference HS-5560 Salem, NH).
385	10040610	1	MODEL, SPH100
386	94020236	1	AERIAL TOWER ASSEMBLY, SPH100
387	94020247	1	TURNTABLE ACCESS LADDERS, UPPER & LOWER, LEFT
388	94088888	1	SPECIAL ITEM, TREADPLATE FIXED LADDER TO TURNTABLE FROM GROUND
389		1	**CLAR NOTES, LOWER TURNTABLE ACCESS LADDER (Reference Columbus, OH) There shall be a ladder located on the left side of the apparatus to access the turntable pedestal. The ladder shall be a treadplate fixed ladder. There shall be a fold down step at the bottom for access when the outriggers are set.
390	94020250	1	INTERLOCK SYSTEM
391	94020260	1	ROTATION & SMART BOOM WARNING SYSTEM
392	94020272	1	HYDRAULIC SYSTEM - SPH100
393	94020900	1	12 VOLT AUXILIARY HYDRAULIC POWER
394	94020283	1	PEDESTAL CONTROLS - SPH 100
395		1	**CLAR NOTES, The hinged cover for the pedestal controls shall have rubber pull type handles rather than metal butterfly locks.

Line	Item #	Qty	Item Description/Comments
396	94021212	1	BOOM ASSEMBLY - SPH100
397	94021326	1	LADDER SPH 100 HIGH RAIL CABLE TRACK
398	94020480	1	LADDER LIGHTING SYSTEM, RIGID, LED
399		1	**ENG Ladder Lighting Color = Blue.
400	94088888	1	<b>**REV-A**</b> SPECIAL ITEM, RIGID D2 BOOM TRACKING LIGHTS
401		1	**ENG LED Color = Clear.
402	94021337	1	HYDRAULIC CYLINDERS - SPH 100
403	94021344	1	AERIAL TOWER WATERWAY - 110 & SPH 100
404	94021027	1	OUTRIGGER GROUND JACKS, MANUAL CONTROL, W/FRONT JACKS SPH100
405	93910012	1	JACK PADS, BLACK - SPH100
406	94021340	1	OPERATIONAL TEST - AERIAL PLATFORMS
407	94040051	1	LADDER TEST, MISTRAS GROUP, INC
408		1	<b>**REV-A**</b> **CLAR NOTES, Call fire department with ladder test date- they would potentially like to attend.
409	94210016	1	4-DOOR PLATFORM, SPH
410		1	<b>**REV-G**</b> **CLAR NOTES, Make Tecniq lights around the inside of the Platform BLUE LEDs.
411	94210014	1	PLATFORM ACCESS LADDER
412	94210315	1	PLATFORM BOOM CONTROLS W/STATUS DISPLAY SPH
413	94210210	1	SPECIAL ITEM, NO PLATFORM LIGHTS
414	94210295	1	MARKER LIGHTS, BRITAX FLEXIBLE, LED, PAIR, ON SIDES OF YOKE
415	94210350	1	120 VOLT OUTLET IN PLATFORM
416		1	<b>**REV-B**</b> **ENG Nema Number = L5-15 NEMA Twist-Lock.
417	94210802	1	75 GPM WATER CURTAIN FOR SPH 100 or SPI112
418	94210705	1	YOKE OUTLETS - SPH100
419	94210522	1	MONITOR, DS, AKRON 3479, ELEC 1000 GPM W/ AKRON 5177 ELEC NOZZLE

Line	Item #	Qty	Item Description/Comments
420	94210516	1	MONITOR, OS, AKRON 3473, MANUAL 1000 GPM
421	94210675	1	NOZZLE, OS, AKRON 2499 & 3488 PIPE
422	94210997	1	INTERCOM SYSTEM, FRC ACT 2-STATION
423	94211100	1	PLATFORM AIR SYSTEM W/ 4500 PSI DOT AIR TANK ON TURNTABLE
424	94210017	1	PARAPET LADDER, SPH100
425	94280150	1	STOKES ARMS, SPH100 PLATFORM
426	94280101	1	STOKES STORAGE BOX, MOUNTED ON BOOM (1)
427		1	**ENG Stokes Box Color = Red, Match Truck Cab.
428		1	**ENG Stokes Box Mounting Location = Officer's Side.
429	94295001	1	SINGLE LIFTING EYE, 800 LB.
430	89910010	1	CORROSION REDUCTION PROGRAM (PROPOSALS)
431	90010030	1	STAINLESS PAINT SCHEME - CORP AERIALS
432	90030159	1	PAINT FRAME RAILS, FUEL BEAM, BODY SUBFRAME & LOWER AERIAL COMPONENTS - BLACK
433	90030032	1	PAINT, TURNTABLE, SIDE PLATES & LIFT CYLINDER OTHER THAN SILVER
434		1	**ENG Note Paint Color Other Than Silver = Red, Match Truck Cab.
435	90030034	1	PAINT, LADDER SHEAVES, EXT CYLINDER & YOKE OTHER THAN SILVER
436		1	**ENG Note Paint Color Other Than Silver = Red, Match Truck Cab.
437	90030015	1	A/C CONDENSER PAINTED ROOF COLOR
438		1	**ENG Note Paint AC Condenser Color = Red, Match Truck Cab.
439	90681120	1	CHEVRON STRIPING, REAR BODY OUTBOARD, REFLEXITE
440		1	**REV-A** **ENG Reflective Striping Color = #030 Red Transparent & #L2 Fluorescent Lime.
441	90788888	1	**REV-J** SPECIAL ITEM, BOOM SIGN, APPROX 88" X 26"
442		1	**ENG List Special Lettering/Striping Details = Boom Sign to Cover Stokes Storage.
443		1	**ENG State Boom Sign Paint Color = Red, Match Truck Cab.

Line	Item #	Qty	Item Description/Comments
444	91010000	1	MISC EQUIP - (1) PINT TOUCH-UP PAINT, STAINLESS STEEL NUTS & BOLTS
445	91030700	1	<b>**REV-L**</b> ZIAMATIC SAC-44 FOLDING WHEEL CHOCKS MTD W/-SQCH-44H HOLDERS (PAIR)
446		1	<b>**REV-K**</b> **ENG Mounting Locations = Recessed in platform access steps at Driver's side rear of body.
447	89050100	1	PIKE POLE STORAGE TUBES, (3) EA SIDE
448	89088888	1	SPECIAL ITEM, NY HOOK STORAGE / DOOR (FOR A1 COMPARTMENT)
449		1	**CLAR NOTES, A spring loaded clip shall be installed near each tube to secure the head of a standard pike pole. The door closure shall allow for the pike poles to be New York Hooks.
450	99010000	1	MANUALS (1-PRINTED & 1-CD) WITH DVD
451	99031110	1	DELIVERY, AERIAL APPARATUS
452	99510005	1	ONE YEAR WARRANTY - AERIALS
453	PDB88888	1	DEALER SUPPLIED- FIRE AND MARINE EQUIPMENT MOUNTING
454	PDB88888	1	<b>**REV-H**</b> DEALER SUPPLIED- REFLECTIVE MATL, INTERIOR CAB DOORS, REFLEXITE
455		1	**ENG Reflective Striping Color = #030 Red Transparent & #L2 Fluorescent Lime.
456		1	**ENG Reflective Striping Verbiage = "Sutphen".
457	PDB88888	1	DEALER SUPPLIED- 4" LETTERING, SCOTCHLITE, UP TO 40
458	PDB88888	60	DEALER SUPPLIED- ADDITIONAL 4" SCOTCHLITE LETTERS (EACH) (60)
459	PDB88888	6	DEALER SUPPLIED- ADDITIONAL 10" SCOTCHLITE LETTERS (EACH) (6)
460	PDB88888	1	DEALER SUPPLIED- MALTESE CROSS LAMINATED SCOTCHLITE (Pair)
461	PDB88888	1	DEALER SUPPLIED- 6" SCOTCHLITE STRIPE AROUND TRUCK
462	PDB88888	1	DEALER SUPPLIED- MITER EDGED "Z" STRIPE
463	PDB88888	2	DEALER SUPPLIED- 1" SCOTCHLITE STRIPE ABOVE OR BELOW - EACH (2)
464	PDB88888	30	DEALER SUPPLIED- 22KT GOLD SCROLL ENDS (EACH) (30)
465	PDB88888	1	DEALER SUPPLIED- 10" LETTERING FOR BOOM SIGN
466	PDB88888	1	<b>**REV-H**</b> DEALER SUPPLIED- CHEVRON STRIPING, REAR PLATFORM OUTBOARD, REFLEXITE
467		1	**ENG Reflective Striping Color = #030 Red Transparent & #L2 Fluorescent Lime.

