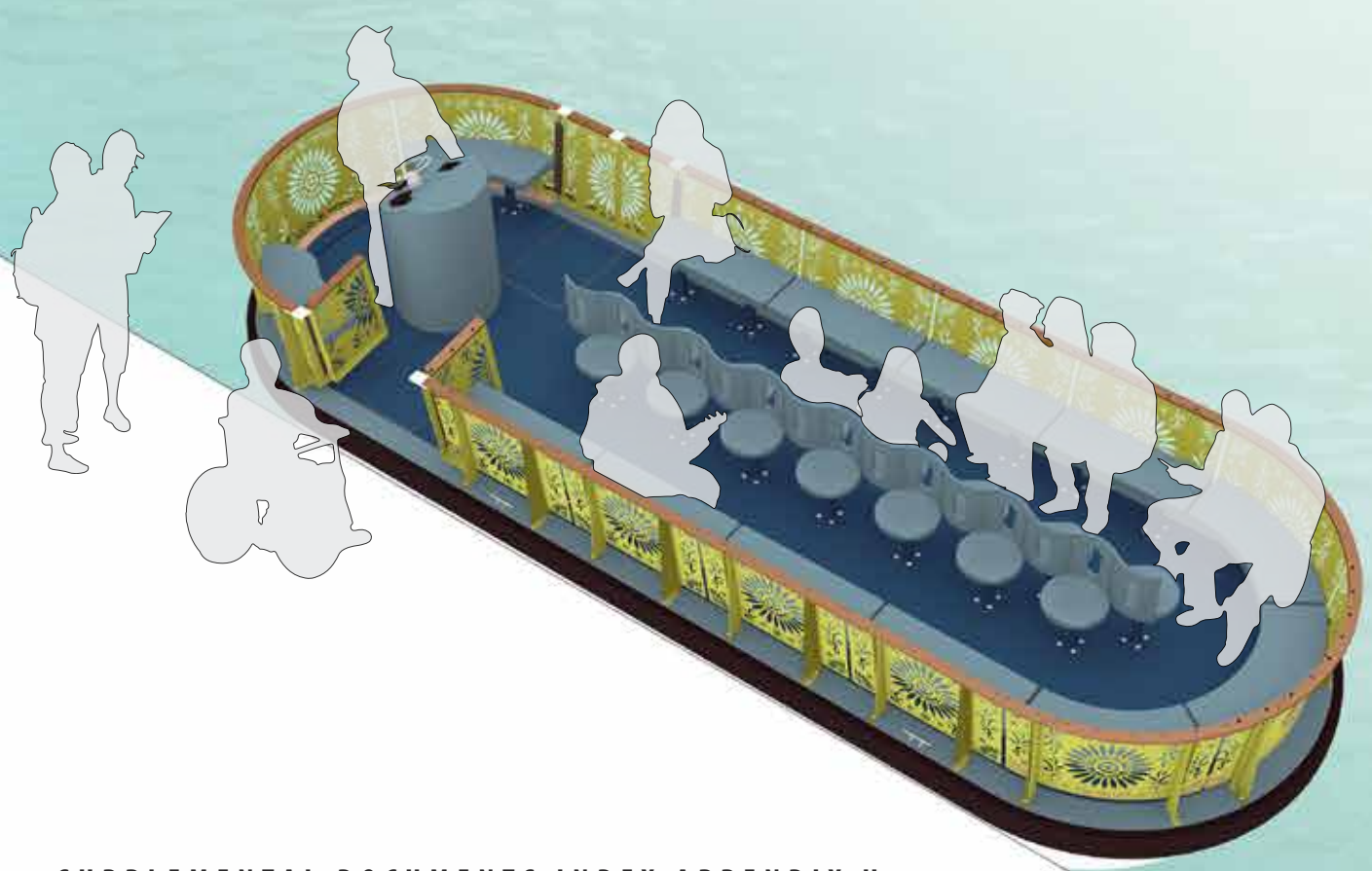
RIVER BOAT
SUPPLEMENTAL DOCUMENTS



SUPPLEMENTAL DOCUMENTS INDEX APPENDIX H

DOCUMENT A - SPECIFICATIONS
DOCUMENT B - ELECTRIC PROPOSULSION PROPOSAL
DOCUMENT C - CNG PROPOSULSION PROPOSAL
DOCUMENT D - PROTOTYPE BOAT PHOTOGRAPHS
DOCUMENT E - SEATING CONFIGURATIONS

DOCUMENT A

SPECIFICATIONS

SPECIFICATIONS

ITEM	QTY	DESCRIPTION	PART NUMBER
1	2	Bilge Pump	Rule-Mate RM750A (12v)
2	2	Bilge Pump Switch	Rule #41 (12v)
3	2	T-H Marine Thru-Hull Fitting	750 DP
4	1	Bow Navigation Light Pack (P&S)	Sea-Dog #4D00070-1
5	1	Transom Light	Marpac #7-6577
6	2	Bilge Hoses (5ft each)	MPI 5120
7	1	Electrical Switch Panel (6 Gang)	Blue Sea Weatherdeck #4376
8	1	Horn	FIAMM #51905
9	1	Horn Button	Marpac #7-0487
10	1	Inline Fuse	Mar-lan #2011-12-200
11	1	VHF Radio	Lowrance Link-5 DSC Marine Radio
12	1	VHF Radio Antenna	Shakespeare 5215-AIS
13	1	12v Accessory Plug	Mar-lan #5250C
14	1	Easy Lock Inlet	Marinco #6371EL-B
15	1	Steering System	Seastar #SS-137
16	1	Steering Wheel w/Knob	Marpac #7-0248
17	2	Chrome Marine Speakers	Aquatic AV AQ-SPK6.5-4LC
18	4	Eye Cleat (8”)	McMaster-Carr 33805T22
19	1	LED Rim Lighting	Vivid Pixel
20	1	Ramp / Wear Mat	See Accessory Drawings (see A-1 to A-2)
21	17	Chair Swivel Rocker Mechanism	Woodtek 164-231
22	-	Cushion Fabric	Naugahyde Horizon Blue (see S series Drawings)
23	-	Paint	Jones Blair (see Color Index Drawing)
24	1	Bumper (8” D Shape)	Genuine Marine GM HW EF0051 (see H-10)
25	17	Captain’s Chair	Deep South Plastics - Custom Molded (see S-12 to S-14) Contact 512.439.9710
26	-	Hardware	See Hardware Schedules (see R-2, S-5, S-13, S-16, S-20, D-4)
B	-	Electric Propulsion	See Supplemental Documents B (see E-1 to E-5)
C	-	CNG Propulsion	See Supplemental Documents C (see N-1 to N-3)

ITEM 01

Rule-Mate™ Series

FULLY AUTOMATED BILGE PUMPS

The Rule Mate series of Bilge pumps feature a solid state water sensing technology that eliminates the need for a separate float switch.

When water enters the bilge and reaches a certain height (2-3/4 inches) a sensor turns the pump on. After the water is pumped out, another sensor shuts the pump off.

The sensor's unique "field effect" technology will only recognize water. If a 100% concentration of oil is detected the pump will not activate. This is not a zero discharge prevention system. The result is the most technically advanced bilge pump available in the marketplace.

Rule Mate II series are available in 500, 750 and 1100. Rule has been building bilge pumps for 30 years. The pumps are preferred by yachtsmen and commercial fishermen the world over.

Features and Benefits

- All-in-one pump & switch - No float switch required
- Pump turns on when water level rises & shuts off when water is removed
- Snap-off strainer for easy cleaning
- Anti-Fouling Impeller
- Limited three year warranty

rule
a xylem brand

Rule-Mate Series FULLY AUTOMATED BILGE PUMPS

Rule-Mate Automated Bilge Pump

Each Pump Includes

(1) Straight Hose Barb Fitting

(1) 90° Angled Hose Barb Fitting

Bilge Pump Accessories Available from Rule

Deluxe Smooth Bore PVC Ribbed Bilge Hose

Clear ribbed bilge hose. Smooth inside finish improves pump performance by 30%. Rigid helix provides excellent abrasion resistance. Available in 3/4" (19mm), 1-1/8" (29mm), 1-1/2" (38mm) I.D. hose in 100' (31m) lengths.

3-way Panel Lighted Rocker Switch

Controls all Rule-Mate models. The unit features a black plastic panel. It has a built-in fuse holder and an internally lighted rocker switch with three positions (automatic, off, or manual) with the Rule fail-safe spring return to "off" from "manual" position.

Electromechanical Rule Mate I series are available in 1500 & 2000

RM1500

RM2000

GPH/ LPH	Model	Volts	Amps @ 12V	Amps @ 13.6V	Fuse Size	Fittings	Hose Dia.	UPC
500 (1890)	RM500A	12 DC	2.0 (12V)	2.2 (13.6V)	3	YES	3/4" (19mm)	042237-111067
500 (1890)	RM500A-24	24 DC	1.0 (24V)	1.1 (27.2V)	1.5	YES	3/4" (19mm)	042237-111074
750 (2839)	RM750A	12 DC	2.7 (12V)	3.1 (13.6V)	5	YES	3/4" (19mm)	042237-111081
750 (2839)	RM750A-24	24 DC	1.4 (24V)	1.6 (27.2V)	3	YES	3/4" (19mm)	042237-111098
1100 (4164)	RM1100A	12 DC	3.4 (12V)	4.0 (13.6V)	5	YES	1-1/8" (29mm)	042237-11104
1100 (4164)	RM1100A-24	24 DC	1.7 (24V)	2.0 (27.2V)	3	YES	1-1/8" (29mm)	042237-111111

xylem
Let's Solve Water

Warranty: All products of the company are sold and all services of the company are offered subject to the company's warranty and terms and conditions of sale, copies of which will be furnished upon request. The information provided herein is for guidance only, it does not constitute a guarantee of the performance or specification of any individual product or component.

www.xyleminc.com

USA
Xylem, Inc.
Cape Ann Industrial Park
Gloucester, MA 01930
Tel: (978) 281-0440
Fax: (978) 283-2619

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Fax: +39 039 666 307

ITEM 02

MODEL NO 41 (12 volts)
MODEL NO 42 (24-32 volts)

Deluxe Panel Switch
OPERATING INSTRUCTIONS

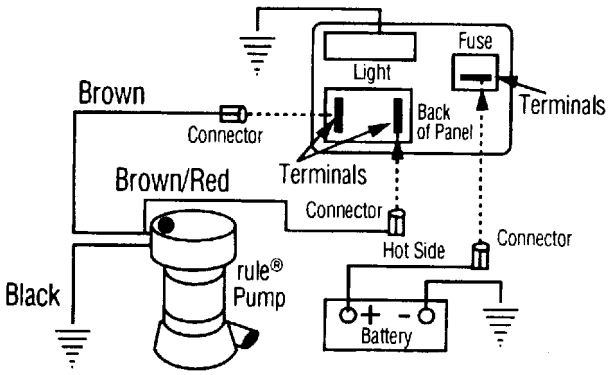
1. This switch has 2 "ON' positions:
- "AUTO" allows a manual pump and float switch combination to operate automatically or it allows all wire computerized pumps to operate in the automatic mode.
- "MAN" runs the pump – directly – as long as the switch is held in the position. The switch automatically returns to "OFF" when released. This prevents the switch from being accidentally left on and is rule's famous FAIL-SAFE feature.
2. The red light indicates only that the power is being supplied to the pump, not that the pump is operating.

GENERAL INSTRUCTIONS

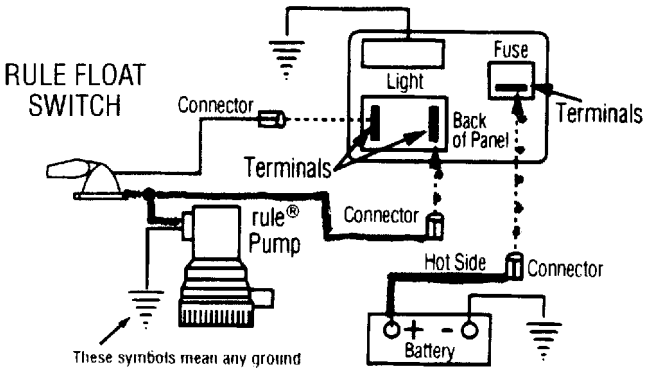
1. Install switch in a 1 11/16" X 2 5/16" hole in wood panel.
2. Wire as shown below. The hot line from the battery should go to the fuse.
3. Crimp 3 connectors provided onto ends of wires as shown below. Strip wire ends for 1/4" prior to crimping on connector. Refer to your pump instructions to determine proper wire size. If your installation is over 20' from the battery source, increase the wire size by one gauge (i.e.-16ga. to 14ga. and 14ga. to 12ga.) Push connectors onto terminals as shown.
4. For fuse removal – push and turn to release.
5. Failure to fuse your system will void the warranty on any rule® pump.

WIRING DIAGRAM

Computerized - 3 wire



Manual - 2 wire



THIS PRODUCT SHOULD BE FUSED WITH THE RECOMMENDED FUSE SIZE FOR THE RULE PUMP TO WHICH IT IS CONNECTED.

rule industries
Cape Ann Industrial Park, Gloucester, MA 01930

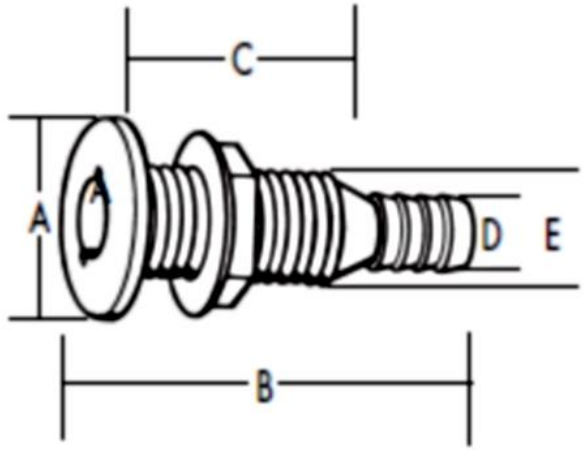
®RULE REGISTERED TRADEMARK

ITT Industries
Engineered for life

M-1563 11/99

ITEM 03

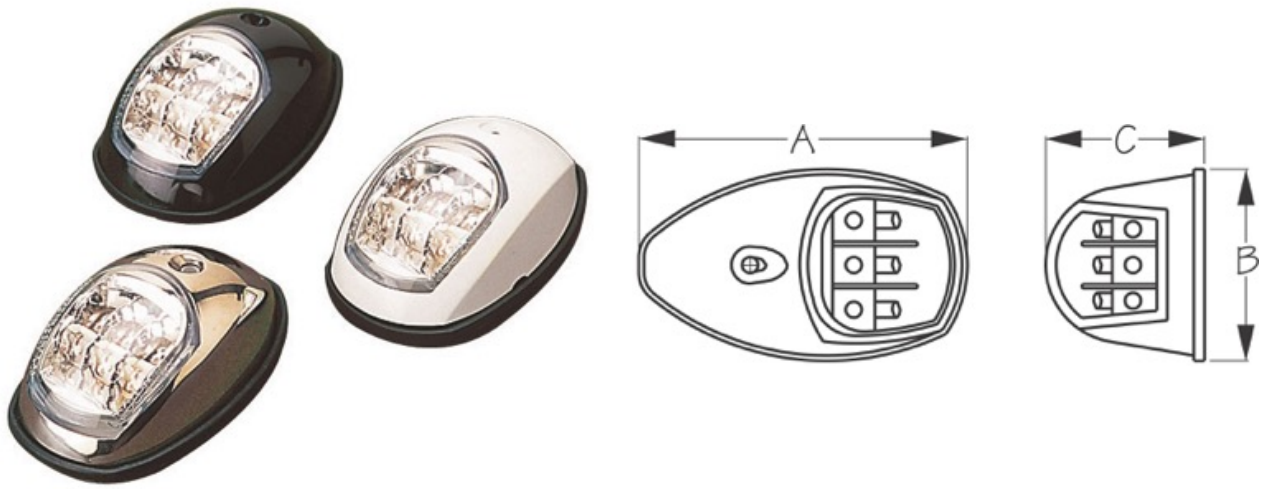
¾” Straight Thru-Hull Fittings



Black Part #	White Part #	Chrome Part #	A	B	C	**D (hose)**	E
TH-750	TH-752	TH-750CP	1-1/2"	3-1/16"	1-3/4"		

ITEM 04

SEA-DOG LINE
QUALITY MARINE GEAR
WHOLESALE ONLY



LED SIDE MOUNT SIDE LIGHTS

Stamped 304 Stainless/Polycarbonate

Bulk	Display	A	B	C	Finish	Fastener	Weight	Std. Pack	Add to List
n/a	**400070-1**	3-7/8"	2-1/4"	1-7/8"	Stainless	#8 FH	.40	5 pr	+
n/a	**400071-1**	3-7/8"	2-1/4"	1-7/8"	White	#8 FH	.34	5 pr	+
n/a	**400073-1**	3-7/8"	2-1/4"	1-7/8"	Black	#8 FH	.34	5 pr	+

LED Navigation Lights are approved for USCG 2 NM (Colreg 2 mile). One pair includes Port and Starboard lights. Note: All USCG approved navigation lights must be mounted properly to provide the correct visual alignment and allow unimpeded sight lines. Please refer to United States Coast Guard regulations for 1 NM and 2 NM navigation lights for more information.

http://www.sea-dog.com/groups/1339-led-side-mount-side-lights

ITEM 05

Marpac Led Advant Transom Light Round stainless steel housing 7-6577 LT051300 MD

Product Details

PRODUCT SPECIFICATIONS

Brand: **Marpac**
Condition: **New**

- Manufacturer PN: **LT051300**

Marpac Led Advant Transom Light Round stainless steel housing 7-6577 LT051300 MD
PRICE PER UNIT
This item is new and recently ordered.
Brand: Marpac
Description:

- LED Advantage of low power use (only 1.2W), long life and shock resistant durability.
- Marine grade stainless steel housing.
- Meets the stringent requirements for USCG, ABYC A-16 and IMO COLREG.
- Certified USCG 2nm, for use on boats under 65.5’ (20 meters).
- Uses two #8 flat/oval head screws (Not included).
- 12 volt.

Manufacturer PN: LT051300
Internal Code: 7-6577

ITEM 06

MPI Trusted Leader™ In Marine Hose

SOFTWALL MARINE EXHAUST HOSE - Series 200

Type certified for wet exhaust service. Heavy wall construction with multiple plies of nylon spiral cord prevents shock, wall collapse, panting and vibration. Resists engine exhaust, high temperatures and ozone. Recommended for short, straight connections. Formulated to withstand operating temperatures of 220F continuous. Color coded with blue strip brand. Meets SAE J2006 standard.

Part #	I.D.	O.D.	Spiral PLY	Burst Pressure	Weight Per CFT
200-1120	1-1/2"	1-7/8"	2	200#	70
200-1580	1-5/8"	2"	2	175#	73
200-1340	1-3/4"	2-1/8"	2	175#	78
200-1780	1-7/8"	2-5/16"	2	160#	86
200-2000	2"	2-1/2"	2	160#	102
200-2180	2-1/8"	2-5/8"	2	200#	108
200-2140	2-1/4"	2-3/4"	2	190#	118
200-2380	2-3/8"	2-7/8"	2	260#	132
200-2120	2-1/2"	3"	2	260#	140
200-2580	2-5/8"	3-1/8"	2	230#	147
200-2340	2-3/4"	3-1/4"	2	220#	155
200-2780	2-7/8"	3-7/16"	2	220#	169
200-3000	3"	3-1/2"	2	220#	181
200-3180	3-1/8"	3-5/8"	2	200#	186
200-3120	3-1/2"	4-1/8"	4	190#	196
200-4000	4"	4-5/8"	4	170#	227
200-4180	4-1/8"	4-3/4"	4	150#	236
200-4120	4-1/2"	5-1/8"	4	250#	278
200-5000	5"	5-5/8"	4	230#	302
200-5180	5-1/8"	5-3/4"	4	210#	342
200-5120	5-1/2"	6-3/16"	4	200#	356
200-6000	6"	6-5/8"	4	190#	408
200-6580	6-5/8"	7-7/16"	6	170#	526
200-8000	8"	8-3/4"	6	160#	640
200-10000	10"	10-3/4"	6	150#	887
200-12000	12"	13"	6	150#	1,065
200-14000	14"	15"6	6	125#	1,250

Bulk Pack: 12.5' length, 50' Coil

Distributor Pack: 6.25' and 12.5' Poly Tube

ITEM 07

WeatherDeck® 12V DC Waterproof Circuit Breaker Panel - Gray 6 Positions - PN #4376

- Rated IP67 - Temporary immersion for 30 minutes
- Designed for flybridge and open cockpit applications
- Independent label backlighting circuit for remote switching and dimming
- Available in 2, 4, 6, and 8 circuit models
- Each panel can be mounted in four different orientations
- Integrated ATO/ATC fuse based circuit protection
- Green LEDs aid low-light readability. All labels will be lit when the panel is powered, regardless of individual switch position.

Includes:
6 x 7056 - 15 Amp Push Button Reset Only Quick Connect Circuit Breaker
6 x 4135 - Push Button Reset Only Curcuit Brekaer Boot - Clear
6 x 4150 - WeatherDeck® Toggle Switch SPST - ON/OFF
6 x 4138 - WeatherDeck® Toggle Switch Boot - Black
1 x 4215 - Waterproof DC Label Kit - 30 Black Square Labels

Weatherproof*	Waterproof
Positions	6
Nominal Voltage	12V DC 24V DC
Circuit Protection	Circuit Breaker
Maximum Amperage**	15A @ 12V DC (per circuit) 9A @ 24V DC (per circuit)
Panel Cumulative Rating	45A
Backlit Label***	Green LED
Backlighting Amperage	10mA /Illuminated Circuit
Backlighting Voltage	12 or 24V DC
Material	Reinforced Polycarbonate
Height	6.00in (152.4 mm)

Width	4.25in (107.95 mm)
Depth	3.50in (88.9 mm)
Weight	1.35lb (0.61 kg)

*Constructed or Protected so that exposure to the Weather will not interfere with successfull operation in Rain, Spray or Splash

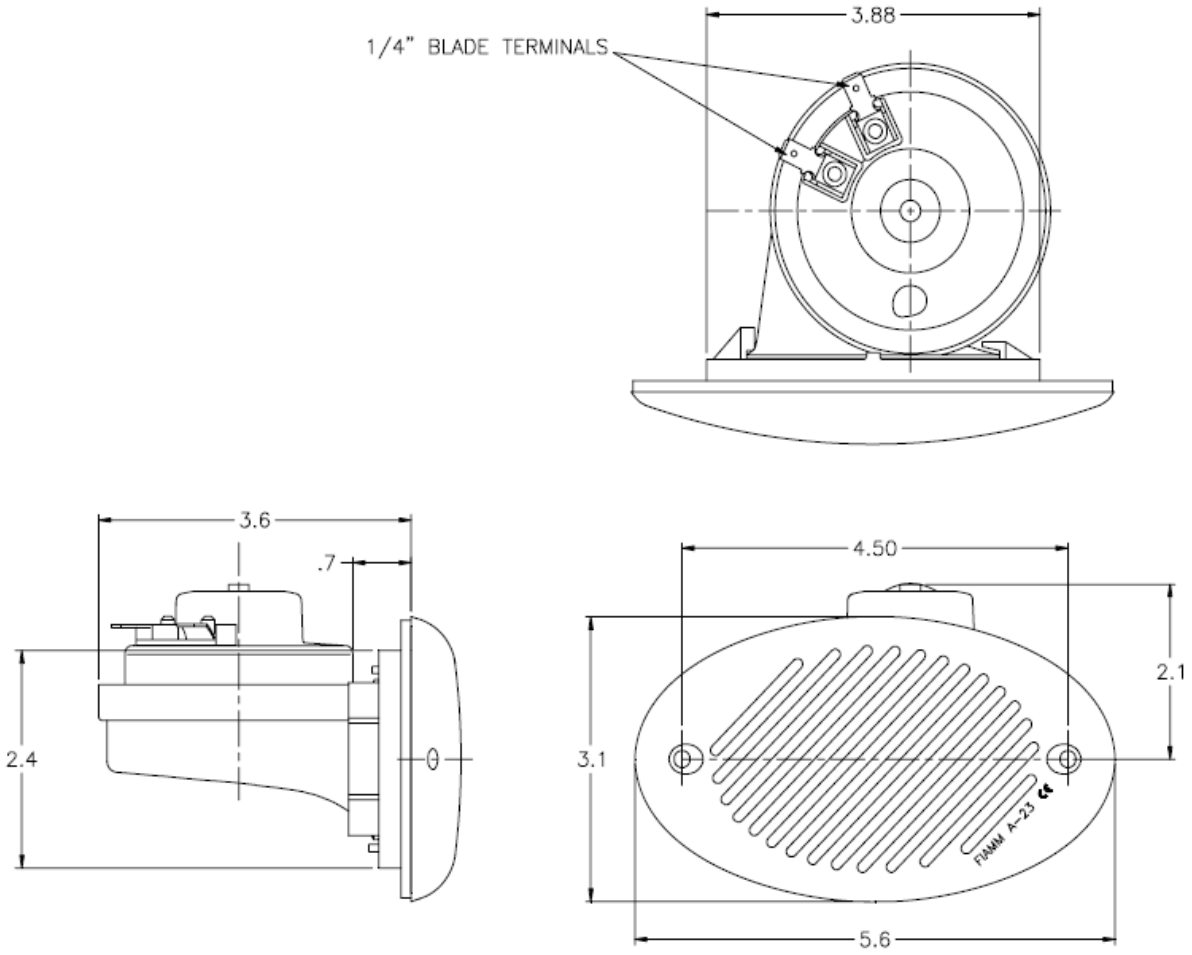
**Maximum amperage ratings are dependent on use of appropriately sized fuses and wire for given application.

*** **Green LED's (Circuit Breaker Panels Only)** aid low-light readability. All Labels will be lit when panel is powered regardless of individual switch position

BiColoured LED's (Fuse Panels Only) illuminate circuit labels to quickly identify OFF (Red), ON (Green), or Blown (No Color) circuits. No lights in any position likely indicate there is no power to the panel.

ITEM 08

HIDDEN HORN W/SS GRILL - Fiamm Technologies



ITEM 09

MOMENTARY PUSH BUTTON SWITCH

- Chrome plated brass face nut, brass washer and backup nut.
- 2 screw terminals.
- Stainless steel springs.
- Accommodates 1” panel.
- Rated: 15 amps at 12V DC.

You are bidding on a Brand New Item. We are a full service Marina with over 700 slips. We have been in business for over 41 years. This is not someone in there basement who knows nothing about parts and just drop ships items. We have this part in stock ready to ship. Any order paid by 4:00 will ship next business day. Anything after 4:00 will ship the following business day. We are not looking to sell a bunch of parts and move on. We are hoping that after you buy this, you will see how easy it is to deal with our company, how fast we ship, and you will call us for any and all of your future marine needs. We want your business and we will work very hard to earn it.

We put the tracking number right onto ebay the next day, you are able to track your package and if you provide an e-mail we include it with your label and UPS or USPS will notify you when to expect delivery.

ITEM 10

DUAL WATERTIGHT FUSE LOOP

Product Description

WATERTIGHT FUSE LOOPS In-line fuse loops are made with 8 - 16 gauge marine 105°C red wire 8” long, with non-breakable heat resistant plastic molded directly to the wire. This push together loop is great around damp and dusty environments. Holders for 2000 series fuses

2011-12-20

ITEM 11

LOWRANCE®

New Link-5 DSC Marine Radio

Now you can keep in touch and stay safe – with better features and reliable performance – for a surprising low price.

- Robust Class D recreational boating Digital Selective Calling (DSC) performance
- One-touch Distress key broadcasts your mayday and GPS location*
- Full 25W transmit power, so you can be heard far and wide
- Best-in-class, easy-grip fist microphone plus speaker and six function keys
- Handy channel, volume and squelch rotary knobs for quick and easy control
- Dedicated, quick-access keys for 16/9, Weather, 3CH favorites, plus Dual and TriWatch
- Flush-mount kit included at no extra cost

New Lowrance Link-5 DSC Marine VHF Radio

Keep in touch. Stay safe. For a surprisingly affordable price.

Link-5 Key Features:

» Delivers ultimate reliability and performance, for safety and communication on-the-water, anywhere in the world with clear and simple Class D DSC operation.

» Best-in-class microphone with six quick keys and built-in speaker enhances helm operation, plus easy-grip rubber cover for a secure hold.

» Extra-large rotary knob for easy channel changing, menu navigation and settings control.

» Clear, bright 1 x 1.8 in (2.6 x 4.6 cm) LCD alpha-numeric display with adjustable backlighting.

» Vessel lat/lon location data clearly displayed.*

» All USA, Canadian and International marine channels with easy access to all DSC functions.

» DSC control keys include (priority) 16/9; WX; 3CH; CALL; EXIT; SCAN; and MENU.

» Large Channel 16 key, dedicated volume and squelch knobs, weather keys, selectable Dual and TriWatch modes, local and distant functions, and three user-programmable ("favorites") channels.

» Rotary volume control with power on/off, all-channel priority and memory channel scans, 20 user-programmable names with MMSI, 10 weather channels with a 1050 Hz tone alert, and a second receiver for incoming DSC messages on Channel 70.

» Logs up to 10 distress calls and 20 individual DSC calls retained in memory.

» 25/1W transmit power and NMEA 0183 interface compatibility.

» Includes flush-mount kit, wires for 4-watt external speakers, a PL259 connection for optional 8 ft (2.4 m) and 3 ft (1 m) fiberglass antennas. Stainless-steel and nylon antenna mounts also available.

» Compact, affordable, rugged and waterproof (IPX7).

» Includes two-year limited warranty, with service support for an additional three years, by the Lowrance 5-Year Advantage Program.

Clear display of vessel location*

Simple, clear DSC Distress operation

Easy access to invidivual DSC station calls

Menus and set-up made easy

Specifications	
Power Supply	13.6 VDC
Current Drain - Transmit	6A @ 25W, 1.5A @ 1W
Current Drain - Receive	Under 300 mA in standby
Usable Channels	International, USA, Canada, Weather
LCD Display	1.8 x 1.0 in (46 x 26 mm) backlit matrix FSTN
Temperature Range	-4°F to +130°F (-20°C to +55°C)
Waterproof Rating	JIS-7 / IPx7
Frequency Stability	+/- 10 ppm
Com Port	4800 baud (NMEA 0183)
Call Logs	20 individual and 10 distress
DSC mode	Class D Global

Transmitter	
Transmitter Frequency	156.025 – 157.425 MHz
Output Power	25W / 1W open/short protected
Max. Frequency Deviation	+/- 5 kHz
Spurious & Harmonics	Better than 2.5µW (-70 dB)
Frequency Control	PLL
Receiver	
Receiver Frequency	156.025 - 163.275 MHz
12 dB SINAD Sensitivity	0.25 µV (distant), 0.8µV (local)
Intermodulation	More than 68 dB
Audio Output Power	2 W (with 8Ω at 10% distortion) 4 W (with 4Ω external speaker)

In addition to a two-year warranty, customer care lines, web support and replacement of faulty product within 7 working days, the Lowrance Link-5 DSC Marine VHF Radio comes with the Advantage Service Program – The most comprehensive marine electronics service available, at no added cost.

5 YEAR LOWRANCE Advantage SERVICE

SERVICE BEYOND THE STANDARD.

5-Year Advantage – Comprehensive product service support for five years, including upgrade options to current model technology at a discount.

Lowrance – Navico Americas
12000 East Skelly Drive
Tulsa, OK 74128-2486 USA
918.437.6881

Customer Care
800.628.4487 – Continental U.S. Weekdays
www.lowrance.com/support
Self-service product answers and support anytime

LOWRANCE®

ITEM 12

Styles 5215-AIS

Thank you for purchasing a Shakespeare antenna product. Shakespeare works hard to build reliability and durability into all of its products. Customer comments are welcome. Before installing, please study the diagram and check parts supplied against those listed.

IMPORTANT! Please read all instructions before installing.

The Squatty Body® Style 5215-AIS is an end-fed 1/2-wave, stainless steel antenna of low profile design and 36" length. Its element is a sealed, tin-plated copper wire coil. It is specifically designed for use with AIS equipment, and meets the strict requirements of the AIS specification. Designed primarily for sailboat masts, the antenna is adaptable to other applications where antenna size is a limitation.

Tools required: Drill, drill bit for 1/4" mounting screws, screwdriver, sheet metal or wood screws.

Installation Instructions

Choose as high a mounting location as feasible, as free as possible from obstructions, and as far as possible from other antennas and strong sources of RF. The recommended mounting is by the supplied L-shaped stainless steel bracket. The antenna requires no external or internal ground system, and works equally well on fiberglass, wood, or metal boats without additional insulation from the mounting surface.

1. Using the L-shaped bracket as a template, mark the location for mounting holes on the mounting surface. Drill pilot holes for 1/4" mounting screws or other fasteners (not supplied). Be careful not to drill pilot holes too large. When drilling fiberglass, use metal-drilling bits, not wood-boring bits. Place a block of scrap wood behind the surface, if possible, to prevent fraying of the fiberglass as the bit passes through.

2. Install the bracket on the mast or other surface using the appropriate fasteners (sold separately). Assemble the antenna, bracket, and hex nut as shown in the diagram and tighten securely.

3. Route at least 3 feet of coax cable (sold separately) to your transceiver, keeping it as far as possible from other electrical equipment and cables. Install PL-259 connectors (sold separately) to each end of the cable and connect the antenna.

Supplied Parts

1 Antenna assembly
1 Hex nut
1 L-shaped bracket

Tech Tip: This antenna will read "open circuit" when tested with an ohm meter or continuity tester.

Shakespeare Electronic Products Group

U.S. Operations: 6111 Shakespeare Rd. · Columbia, SC 29223 · 803-227-1590 · Fax: 803-419-3099 · www.shakespeare-marine.com

U.K. Operations: Enterprise Way, Fleetwood, Lancashire, FY7 8RY, England · +44 (0) 1253 858787 · Fax: +44 (0) 1253-859595 · www.vtronix-antennas.com

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Shakespeare Co., LLC is a subsidiary of Jarden Corporation (NYSE: JAH)

ITEM 13

Mar-lan Industries #5250C ACCESSORY SOCKET

Product Description

ACCESSORY SOCKET

Socket is made with durable polypropylene plastic and all brass contacts to resist corrosion. Mounts in 1 1/8” hole with #10 mounting holes. 1 1/4” x 2” face plate, 6” leads, 12 volt.

5250C

ITEM 14

MARINCO®

SPECIFICATION SHEET

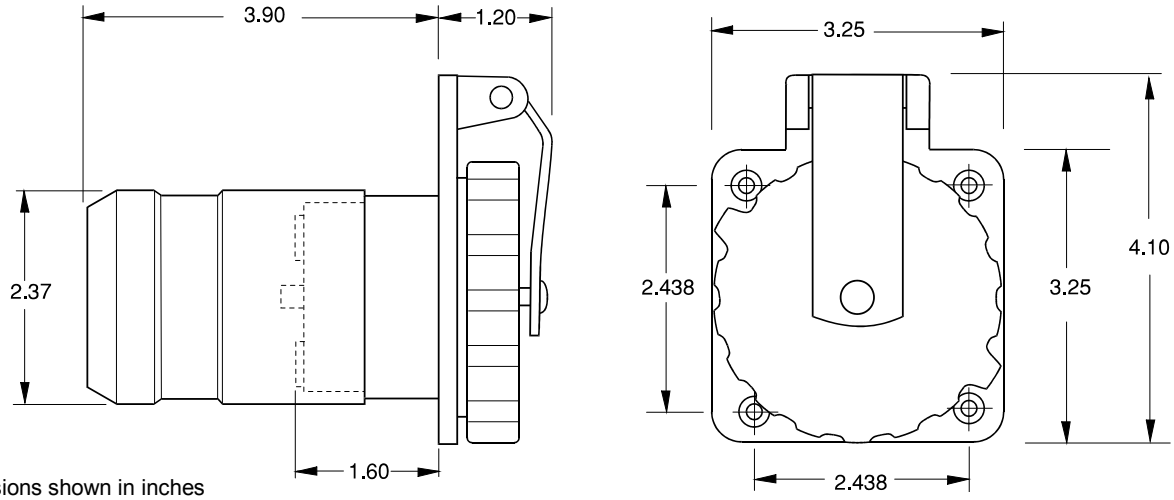
Web site: www.marinco.com
Phone: 800-307-6702
Date: March, 2013 Rev: 02

Inlet, 50A Locking
Stainless Steel

Catalog Numbers: 6371EL, 6371EL-B, 6373EL, 6373EL-B

Item:	Stainless steel inlet
Rating:	50 amperes, 125 volts or 125/250 volts
Materials:	Cap & Bezel are 316 stainless steel. Plug body is nylon with CTI greater than 600 volts. Contact blades and terminal parts are nickel plated brass. Rear enclosure is glass-filled polyester with UL flammability rating of 94V-0.
Terminals:	Perma-Lock™ self-locking collar-type terminals. Accepts up to 6 AWG wire.
Enclosure:	Provided on units with "-B".
Mounting Gasket:	Solid Neoprene.
Mounting Screws:	Not provided. No. 8 flat or oval head recommended.
Cap Closure:	Cap holds open for easy insertion of shore power cable. Soft Touch design provides for closing with slight pressure. Cap is provided with Easy Lock™ bayonet style locking system. This provides weather seal when used with cords having threaded, or Easy Lock™, sealing rings.
Listings:	UL Marine listed, File E57672 CSA certified, File LR81290 Complies with ABYC and U.S. Coast Guard Standards.

Dimensions:



Dimensions shown in inches

ITEM 15

Teleflex SeaStar Safe-T Quick Connect Steering System SS-137

Product Description

Details:

- Compact Lightweight Rugged Rotary Helm
- Patented No-Tools-Required Cable Connection
- 3 Turns Lock-To-Lock
- Standard 3/4" Tapered Shaft
- Stainless Steel Telescopic Ram
- Fits Boats Up To 24' And Steering Wheels Up To 16"
- Exceeds NMMA Certification Requirements And ABYC Standards

Includes:

- (1) Single Helm - SH-5094-1 P
- (1) 90° Bezel - SB-27484
- (1) Quick Connect Steering Cable - SSC-62

ITEM 16

Marpac 13-1/2" Destroyer Type Steering Wheel 7-0248

Product Description

Details:

- 13 1/2" diameter, 22° dish
- 5 spoke for sturdy trouble free operation.
- All welded and polished - 304 stainless steel construction.
- Fits standard 3/4" tapered shaft.
- Black plastic center cap included.

ITEM 17

AQUATIC AV®

products with a watertight reputation

AQ-SPK6.5-4LW 6.5” FULL RANGE CO-AXIAL WATERPROOF SPEAKER

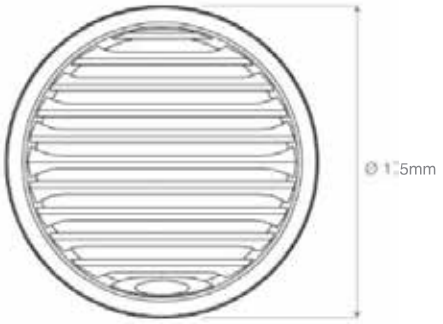
White, black or chrome grill available with blue LED cone illumination

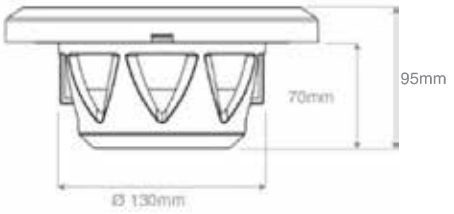
White: AQ-SPK6.5-4LW
Black: AQ-SPK6.5-4LB
Chrome: AQ-SPK6.5-4LC

SPECIFICATIONS

Type:	Full-range, co-axial waterproof speaker
Cone Size:	6.5”
Tweeter Size:	13mm
Outside Grill Diameter:	175mm
Mounting Hole Diameter:	130mm
Mounting Depth:	70mm
Impedance:	4 Ohm
Frequency Response:	52Hz - 20,000 Hz
Power (max):	100W
Power (RMS):	50W
Waterproof:	Yes
Grill Material:	UV Plastic, 500hrs stable
Basket Material:	UV Plastic, 500hrs stable
Cone Material:	Polypropylene
Tweeter Material:	Neodymium
Rubber Surround Material:	Non-corrosive rubber
Magnet Material:	Ferrite
Magnet Protection:	Plastic water guard
Weight (single speaker):	904g
Certification	RoHS, ASTM B117, ASTM D4329
Additional Features:	Available with White, Black or Chrome removable grill
	Blue LED cone illumination
	Stainless Steel mounting hardware

DIMENSIONS





Aquatic AV
282 Kinney Drive
San Jose, CA 95112, USA
E-mail: info@aquaticav.com
US & Canada: 1 877 579 2782
International: +1 408 559 1668
Fax: +1 408 559 0125
www.aquaticav.com

Design and specification subject to change without notice.E&OE

Aquatic AV © 2014

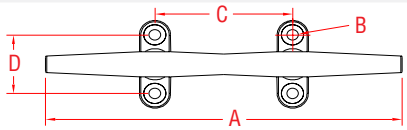
ITEM 18

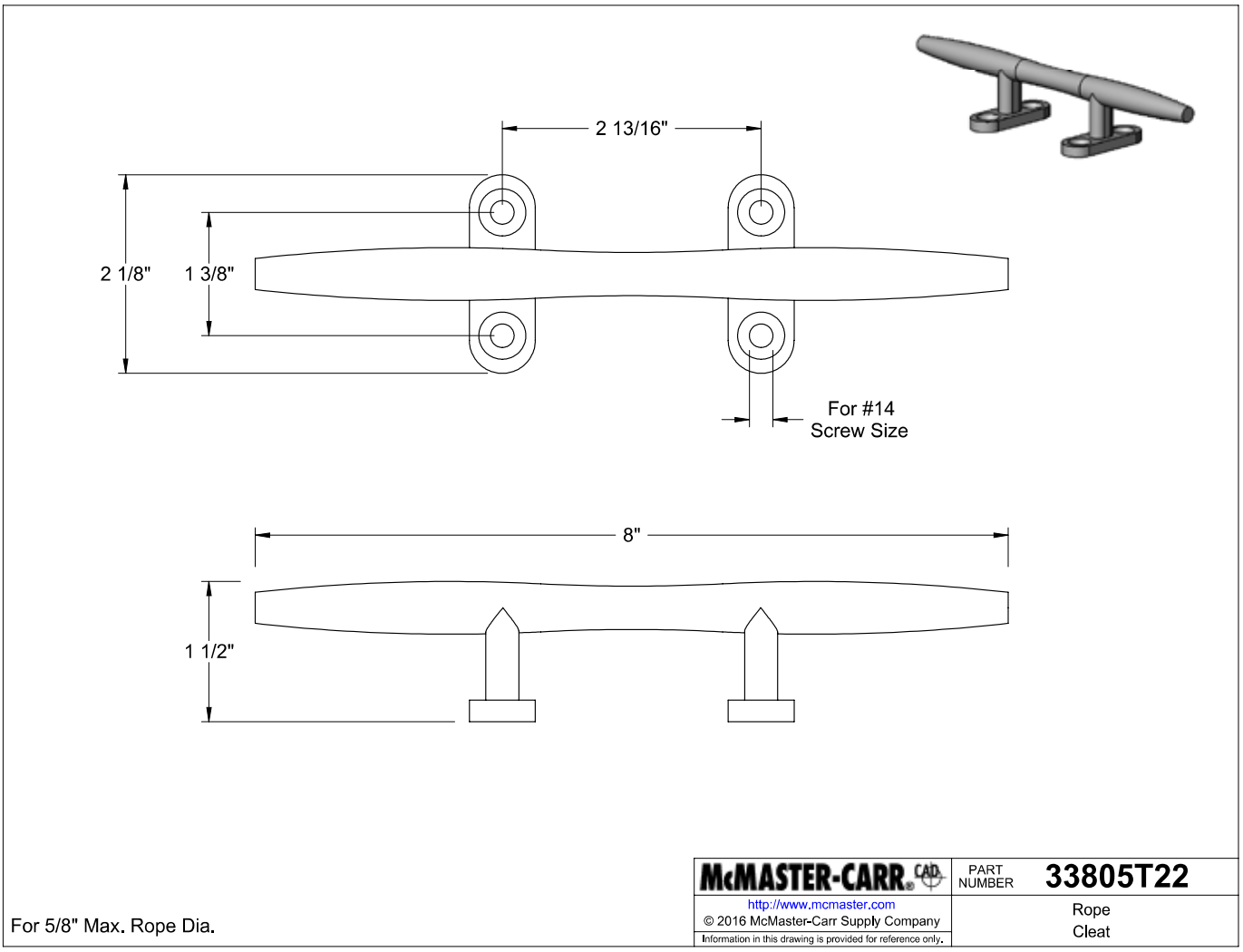
HERRESHOFF CLEAT
316 STAINLESS STEEL

ITEM	A	B	C	D	FASTENER	WT
	(size)					(lb)
S3105-0000	4"	0.20"	2.00"	0.92"	3/16" Screws	0.18
S3106-0000	6"	0.27"	2.29"	1.05"	1/4" Screws	0.42
S3108-0000	8"	0.27"	2.82"	1.34"	1/4" Screws	0.75
S3110-0000	10"	0.32"	3.63"	1.75"	5/16" Screws	1.30
S3112-0000	12"	0.32"	3.93"	1.94"	5/16" Screws	2.28

BACKING PLATES FOR HERRESHOFF CLEATS *(316 STAINLESS STEEL)*

S3105-BP00	4"
S3106-BP00	6"
S3108-BP00	8"
S3110-BP00	10"
S3112-BP00	12"

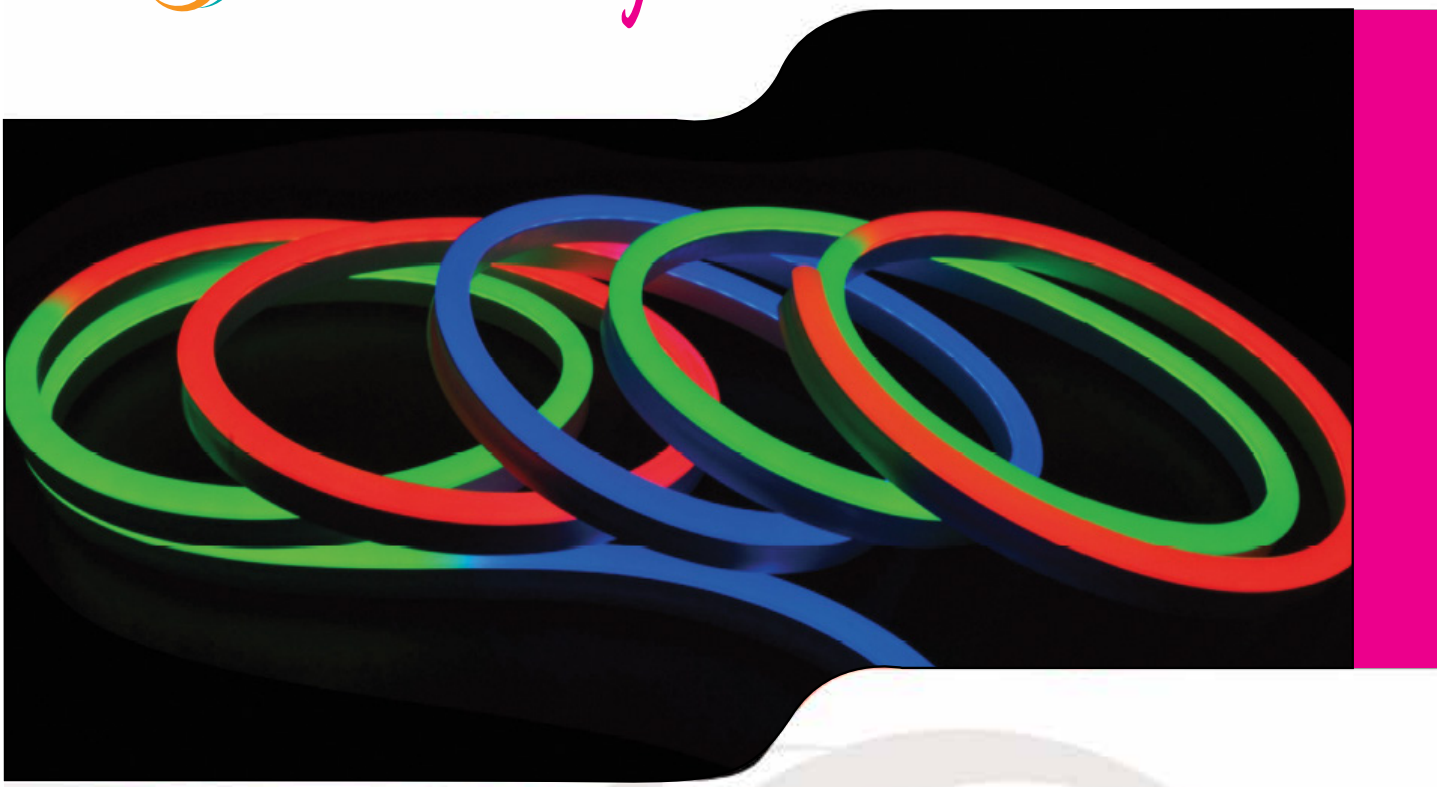




ITEM 19

LEDneon·flex

GENUINE NICHIA LED



Features and Benefits

VIVID PIXEL

- Seamless Uniform Illumination
- High quality SMD, LED Chip & IC Chip (Chasing)
- UV & flame resistant construction (PVC)
- Domed profile for large viewing angles (270°)
- Uniform & even light source with no LED "hot-spots"
- High illumination
- Flexible with 120mm / 4.72 inch minimum bending diameter
- High IP Rating (IP68)
- Continuous length up to 15m / 49.21 feet
- Environmental friendly & energy efficient
- Three Year Manufacturer's Warranty

Vivid Pixel allows for advanced chasing and programmable scenes. Perfect for creating a stunning visual display. Achieve advanced lighting scenes easily with its built-in IC and control gear. Suitable for architectural, stage, indoor & outdoor applications.

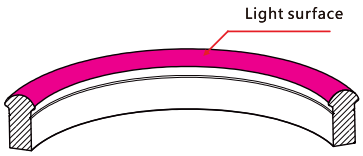
For more information please contact
toll free: 1.888.580.NEON (6366)
email: sales@ledneonflex.com

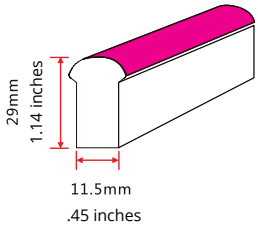
www.ledneonflex.com

Technical Data

VIVID PIXEL

Beam Angle | Bending Diameter | Flame Resistant | UV Resistant | Solvents Resistant | Saltwater Resistant | IP 68 Protection | IK08 Protection | 3 Year Warranty





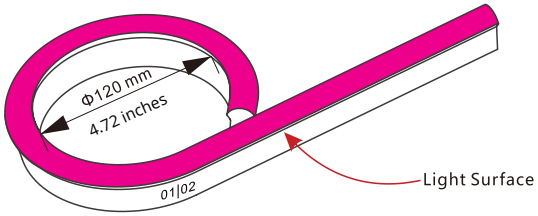
Technical Parameters

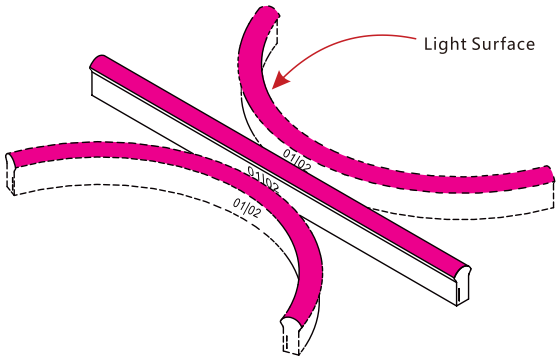
Color	RGB/Single Color
Working Voltage	DC24V
Rated Power	7.2W per 1m /3.28 feet
LED Qty	56 LEDs per 1m /3.28 feet
LED Distance	1.79cm / .7 inches
Min. Cutting Unit	7 LEDs (12.5cm / 4.92 inches)
Continuous Length	15m / 49.21 feet
IP Rating	IP68/IP40

Programming Options

- Chase
- Flow
- Wave
- Skip
- Flash
- Gradual Change
- Fade-in & Fade-out

c UL us LISTED E356699 · CE · RoHS COMPLIANT · INDOOR USE · OUTDOOR USE · IP68 · DMX RDM · DALI · LED · DIMMABLE





Warehouse Locations

United States
6230 W. Desert Inn Rd.
Las Vegas, NV 89146
T: (702) 749-5316

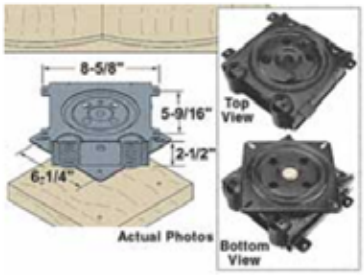
Canada
30 Milner Road
Moncton, NB E1E 2R8
T: (702) 749-5319

GLLS Green LED Lighting Solutions
www.glls.com

For more information please contact
toll free: 1.888.580.NEON (6366)
email: sales@ledneonflex.com

www.ledneonflex.com

ITEM 21



WOODTEK® SWIVEL ROCKER MECHANISM

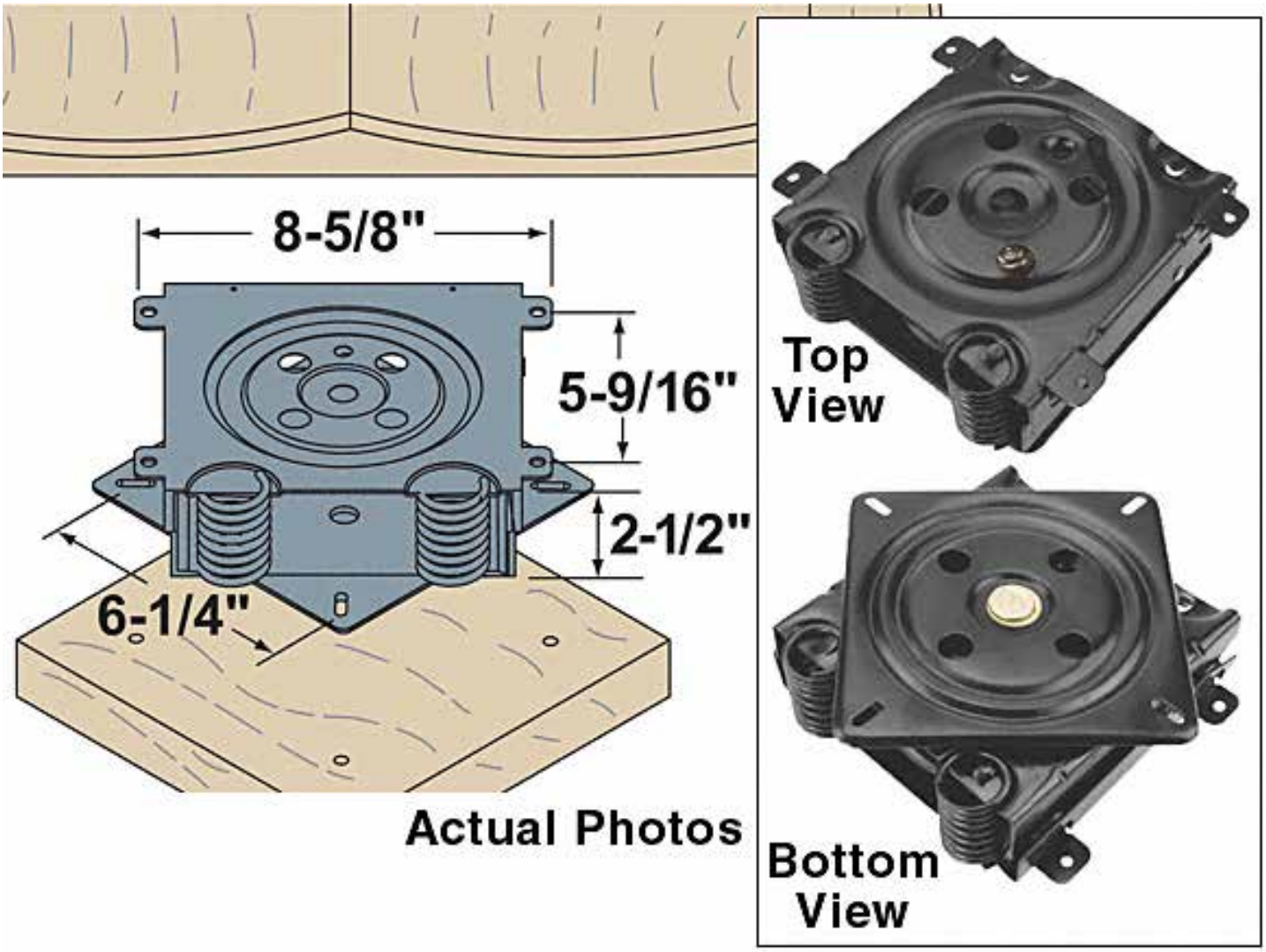
WOODTEK® BALL BEARING SWIVEL AND SPRING ASSISTED ROCKER MECHANISM IS EASY TO INSTALL.

You can refurbish an existing chair or build a new one with this swivel rocker base.

- Designed for use on wood frame platform rockers.
- All steel mechanism is 8-1/2" wide x 9-1/4" long.
- 1/4" diameter base mounting holes are 5-1/2" center to center front to back and 8-1/4" center to center side to side.
- Ball bearing swivel plate is 7-3/4" square with slotted mounting holes 6-1/4" on center.
- 3" tall mechanism has a black ED (e-coat) finish.
- Rocking motion is supported by three heavy coil springs.
- Taiwan.

Catalog Number	Description	Brand	Model	OnHand	Unit	Pricing		(empty) Add All ?	Wish List	Custom Catalog	Project List	DISTANCE BETWEEN HOLES (in)	HEIGHT (in)	LENGTH (in)	WEIGHT RATING (lb)	WIDTH (in)	FINISH
164-231	Swivel Rocker Mechanism Black	Woodtek	164231	0	EA	1+ $ 43.99	5+ $ 39.69	ADD	☐	☐	☐	6	3	9-1/4	350	8-1/2	BLACK-ED

* Back Orders are shipped when available at no additional shipping charge



ITEM 22

Boltaflex®

CONTRACT UPHOLSTERY with PreFixx®

ColorGuard

Features

- 100% vinyl face,
  100% polyester spun jersey knit backing
- PreFixx® protective finish for increased stain resistance and easy cleaning
- Bleach safe for disinfection
  www.omnova.com/boltaflex/bleach

Specifications

- Width: 54"
- Weight: 36 oz. / lin. yd.
- Abrasion: 1 million cycles
  #8 Cotton Duck CFFA-1a
- Meets or exceeds:
  - California Technical Bulletin 117, section E
  - Federal Standard A-A-2950
  - NFPA 701 Small Scale
  - NY/NJ Port of Authority
  - UFAC Fabric, Class 1
  - FAR 25.853A
  - FMVSS-302
  - NFPA 260
  - Boston Fire Dept. IX-1
- Lightfastness (QUV): 650 hours (outdoor)
- Mildew resistant ASTM G-21
- Bacteria resistant AATCC 147
- Cold Crack -20°F

Applications

- Healthcare • Hospitality • Corporate
- Marine • Residential • Auto/RV

For additional cleaning instructions and detailed specification information, visit:
www.omnova.com/boltaflex

BOLTA FLEX COLOR SELECTION (SEE COLOR INDEX OF DRAWINGS FOR MORE INFO.)

Colors shown above are for Reference Only

All products and materials are as specified in the color index specifications, see samples for actual color. The colors must be as specified or equal must be approved. If a deviation is desired, a substantial sample of the substitute must be submitted to the designer, Metalab Studio, Inc, and the City of San Antonio 45 days prior to use.

ITEM 23

ANTI SLIP EPOXY

High Solids Epoxy Primer 3460-003 / 3460-900

HEMPEL jb

Technical Data

PRODUCT DESCRIPTION

Anti Slip Epoxy is a two-component, low VOC, 1:1 ratio, high solids epoxy finish for slip proof protection and chemical resistance. This product is formulated for industrial maintenance applications on steel decking and composite materials. It offers excellent resistance to corrosion and exceptional adhesion.

FEATURES

- High solids
- Low VOC
- Excellent adhesion
- Corrosion resistant
- Slip Resistant

PRODUCT DATA

Description	Results
Vehicle Type	Epoxy Polyamide
Color	Gray 3460-003
Gloss	10 +/- + 5 units at 60°
VOC (mixed)	225 g/L (1.88 lbs/gal)
Weight/Gallon (mixed)	11.7 ± 0.1 pounds
Solids by Weight (mixed)	84.0 ± 2.0%
Solids by Volume (mixed)	71.0 ± 2.0%
Viscosity (mixed)	12,000 - 18,000 cps
Flash Point	>200°F
Dry Heat Resistance	250°F
Freight Classification	Paint Flammable
Packaging	2.5 Gallon each (5 gal. mixed Unit)

APPLICATION DATA

Description	Results
Application	Spray, Brush (for touch-up) or Roll
Mix Ratio	1:1 by Volume
Catalyst	3460-900
Recommended Thickness	8-10 mils DFT
Dry Time @ 77° F, 50% RH	
Tack Free	5-6 hours
To Recoat	4-10 hours
Pot Life @ 75 F	4 hours
Coverage	162 sf/gal @ 8 mils DFT
Thinner	as needed with 21064 CHEM-O-PON™ Thinner
Clean Up	MEK, 21092 Acrylithane Reducer, or 21064 CHEM-O-PON™ Thinner

The above product and application data for this technical data sheet are based on product 3460-003/3460-900 Gray.

EQUIPMENT RECOMMENDATIONS

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

SPRAY APPLICATION (General): The following spray equipment has been found suitable.

CONVENTIONAL AIR ATOMIZED SPRAY:

	Model	Fluid Line	Fluid Tip	Fluid Delivery	Atomizing Pressure
Pressure	Binks #7 Mastic	3/4 inch	1/4 inch	20 oz/min	45 - 60 psi

GENERAL SURFACE PREPARATION

All surfaces to be coated with Anti-Slip Epoxy 3460-003 / 3460-900 should be primed with Chem-O-Pon 33304 Epoxy Primer. The primer must be sound, dry, clean and free of oil, dirt, grease, wax, mildew, other surface contaminants.

DIRECTIONS FOR USE

THINNING: If needed, thin with 21064 CHEM-O-PON™ Thinner if local VOC regulations allow. Alternate reducer 21092 may be used as universal thinner. Reduce viscosity with approved thinner only.

Note: Always know local VOC restrictions for coatings applications in your area before thinning this product. Thinning recommendations meet Federal VOC restrictions for architectural coatings. This product and other referenced products may not meet VOC restrictions for your application and may not be available in your area. Carefully read and observe warning thinner labels.

APPLICATION: Thoroughly mix 1 part epoxy resin 3460-003 to 1 part 3460-900 catalyst. APPLY ONLY when air and surface temperatures are between 44 - 100°F and the surface temperature is at least 5°F above the dew point. Chem-O-Pon Primer 33304 should be used prior to application of the 3460-003. The application of the 33304 shall be applied as per Ensign's Global Specification.

DRYING TIME: Under normal conditions, dries tack free in 5-6 hours and to recoat in 4-10 hours at 77 degrees farenheit. Low temperature, high humidity, poor ventilation and thick films will retard drying. CHEM-O-PON™ Accelerator 99026 can be added at the rate of 1 oz per mixed gallon to facilitate faster cure in colder temperature.

CLEAN UP: Clean up skin, clothing, paint tools or spills immediately with recommended thinner, carefully observing cautions on paint and thinner labels. Dried paint may be removed by scraping with brass tools.

HEALTH AND SAFETY

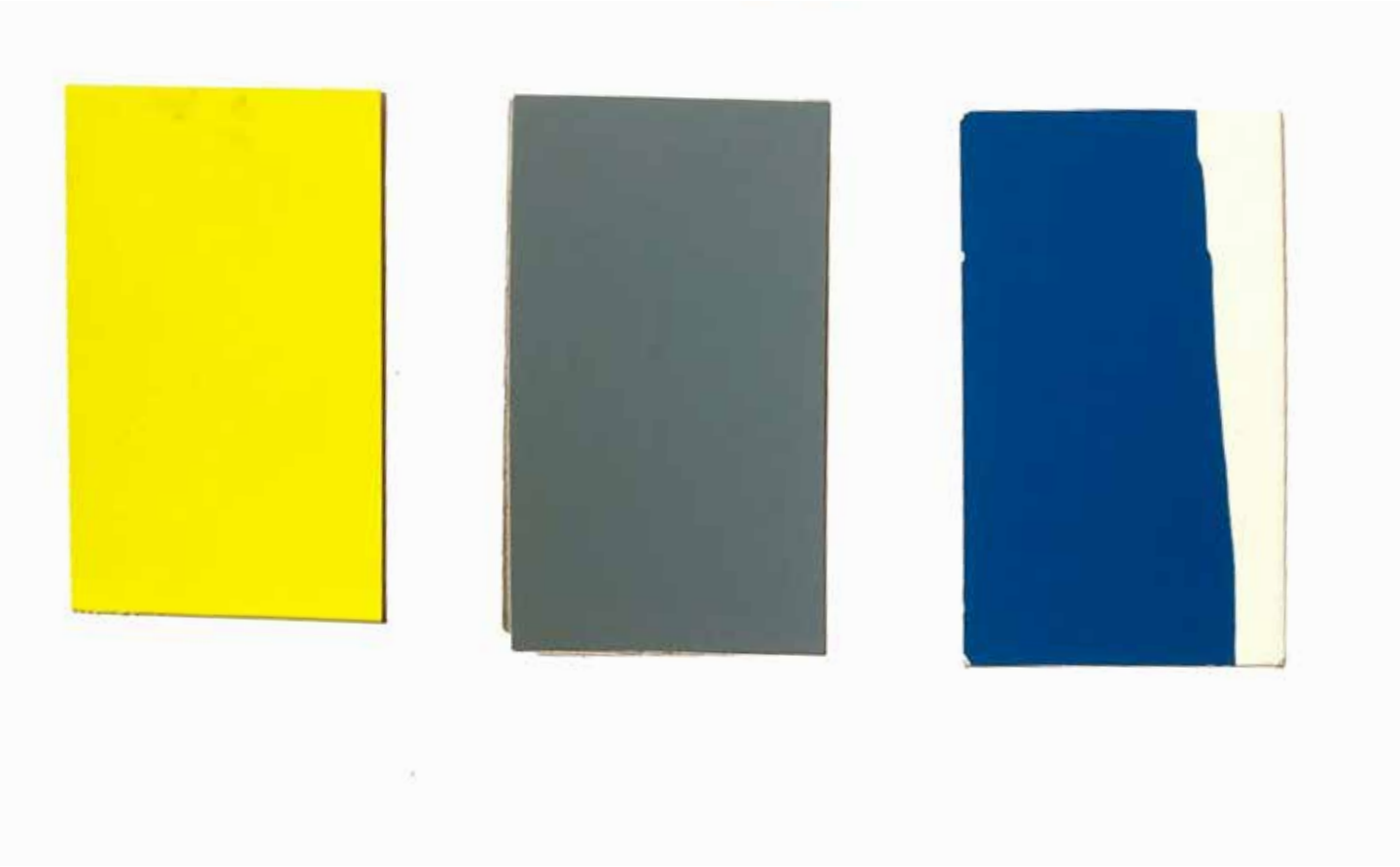
Read the Material Safety Data Sheet (MSDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

Manufacturer warrants that the physical properties of the product reported above will meet the standards and deviations of the associated ASTM test method. **MANUFACTURER HEREBY EXPRESSLY DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY AND/OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE**. Buyer must make its own determination of the suitability of any product for its use, whether such product is used alone or in combination with other materials. **To the extent this or any of Manufacturer's products is proven to be defective, Buyer's sole remedy shall be limited to the replacement of such defective product, exclusive of any costs of labor. MANUFACTURER SHALL NOT BE LIABLE OR OBLIGATED FOR ANY LOSS OR CONSEQUENTIAL OR OTHER DAMAGE INCURRED DIRECTLY OR INDIRECTLY BY BUYER OR ANY OTHER PERSON OR ENTITY THAT ARISES IN ANY WAY IN RELATION TO THIS OR ANY OF MANUFACTURER'S OTHER PRODUCTS**. Nothing contained herein shall be construed to constitute inducement or recommendation to practice any invention covered by any patent without authority of the owner of the patent. No Applicator is or should be viewed as an employee or agent of Manufacturer. AntiSlipEpoxyCoPDS22016mar21

JONES-BLAIR part of the Hempel Group

2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 350-7624 - www.hempel.us / www.jones-blair.com

JONES BLAIR COLOR SELECTION (SEE COLOR INDEX OF DRAWINGS FOR MORE INFO.)



Colors shown above are for Reference Only

All products and materials are as specified in the color index specifications, see samples for actual color. Rail colors can deviate using the San Antonio color palette but final color must be as specified or equal must be approved. If a deviation is desired or another rail color will be used to provide variety, a substantial sample of the substitute or new color must be submitted to the designer, Metalab Studio, Inc, and the City of San Antonio 45 days prior to use.

ITEM 24

Genuine Marine FOAM Fender NEW

LIGHTWEIGHT	CUSTOMIZATION	DURABILITY	VERSATILITY

Genuine Marine EVA Fender

Genuine Marine EVA Fendering is manufactured from a core of closed cell EVA (Ethylene Vinyl Acetate) which is covered with a Tough Abrasive Resistant Flexible Polyurea Elastomer Skin.

What is E.V.A?

Ethylene vinyl acetate (also known as EVA) is the copolymer of ethylene and vinyl acetate. The weight percent vinyl acetate usually varies from 10 to 40%, with the remainder being ethylene.

It is a polymer that approaches elastomeric materials in softness and flexibility, yet can be processed like other thermoplastics. The material has good clarity and gloss, barrier properties, low-temperature toughness, stress-crack resistance, hot-melt adhesive water proof properties, and resistance to UV radiation. EVA has little or no odor and is competitive with rubber and vinyl products in many electrical applications.

EVA is one of the materials popularly known as expanded rubber or foam rubber. EVA foam is used as padding in equipment for various sports such as ski boots, hockey, boxing, mixed martial arts, wakeboard boots, waterski boots, fishing rods and fishing reel handles. It is typically used as a shock absorber in sports shoes, for example. It is used for the manufacture of floats for commercial fishing gear such as purse seine (seine fishing) and gillnets. In addition, because of its buoyancy, EVA has made its way into non-traditional products such as floating eyewear. It is also used in the photovoltaics industry as an encapsulation material for silicon cells in the manufacture of photovoltaic modules. EVA slippers and sandals are currently very popular because of their properties like light weight, easy to mold, odorless, glossy finish, and cheaper compared to natural rubber. In fishing rods, it is used to construct handles on the rod-butt end. EVA can be used as a substitute for cork in many applications.

What is Polyurea Elastomer?

Polyurea is truly a remarkable coatings, linings and joint sealant technology. It is being used successfully for so many different applications today. Polyurea coatings and linings are more commonly applied over concrete and steel for corrosion protection and abrasion resistance. They also have tremendous advantages over conventional materials for joint fill and caulk applications due to their fast set nature, high elongation and durability/abrasion characteristics. Polyurea can be molded and shaped by spraying it into molds. Similarly, polyurea is also used as hard coat protective shell over expanded polystyrene (EPS) for architectural molded fascia applications.

Advantages

·No VOC's and Little to No Odor
·Fast Reactivity and Cure Without Catalyst
·Weather Tolerant: Cures at -25°F to >300°F even in High Humidity
·Flexible: Bridges Cracks
·Waterproof, Seamless and Resilient
·Unlimited Mil Thickness in One Application
·Spray, Hand Mix and Caulk Grade Materials
·Excellent Bond Strengths to Properly Prepared Substrates
·Resistant to Various Solvents, Caustics and Mild Acids
· Low Permeability, Excellent Sustainability

PERFORMANCE CHARACTERISTICS

Tensile Strength: *21 MPa*
Tensile Elongation: *520%*
Tear Strength: *78 KN/m*
Inpact Resistance: *1.5Kgm*
Adhesion: *2.8 MPa*
Durometer Hardness: *Shore A-80~90*
Water Vapor Transmission: *0.4 Mpa/2h*
Specific Gravity: *1.02 g/cm3*

Standard Model

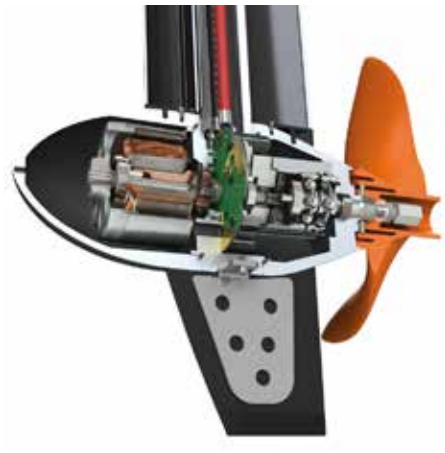
Part No.	Model No.	Description
		Round Fendert
1	GM-HW-EF0001	Diameter:10"(254mm)
2	GM-HW-EF0002	Diameter:12"(304mm)
3	GM-HW-EF0003	Diameter:14"(355mm)
4	GM-HW-EF0004	Diameter:18"(457mm)
5	GM-HW-EF0005	Diameter:24"(609mm)
6	GM-HW-EF0006	Diameter:26"(660mm)
		D -Shape Fender
1	GM-HW-EF0050	Base Width:6"(152mm),Height:3"(76mm)
2	GM-HW-EF0051	Base Width:8"(203mm),Height:4"(101.5mm)
3	GM-HW-EF0052	Base Width:10"(254mm),Height:5"(227mm)
4	GM-HW-EF0053	Base Width:12"(304mm),Height:6"(152mm)
5	GM-HW-EF0054	Base Width:14"(355mm),Height:7"(175mm)
6	GM-HW-EF0055	Base Width:16"(405mm),Height:8"(204mm)
7	GM-HW-EF0056	Base Width:18"(448mm),Height:9"(224mm)

ITEM 25

DOCUMENT B

ELECTRIC PROPULSION

TORQEEDO ELECTRICAL PROPULSION SYSTEM FOR NEW SAN ANTONIO RIVER BARGES



Power Train Engineering

- **ISO 9000 development environment**
- **CE Certification** and are insurable
- **Brushless motor design** with electronic communication
- Efficient propellers (metal for San Antonio Barges)
- **Total system design**
- All components are **IP67 waterproof**
- High performance and safe lithium battery chemistries
- **Extended warranty** support, battery costs are capped

SYSTEM AS PROPOSED FOR NEW SAN ANTONIO RIVER BARGE

Single Cruise Torqeedo 4kW outboard (8hp equivalent)

Remote Throttle showing speed, battery %, and range

(4) Chargers 1.7kw each

(12) POWER lithium batteries, 2.7kwh each

- Metal prop optional
- Recharge from 240 vac
- Charge time 9-10 hours
- Integrates with standard steering hardware

SAMPLE WIRING DIAGRAM

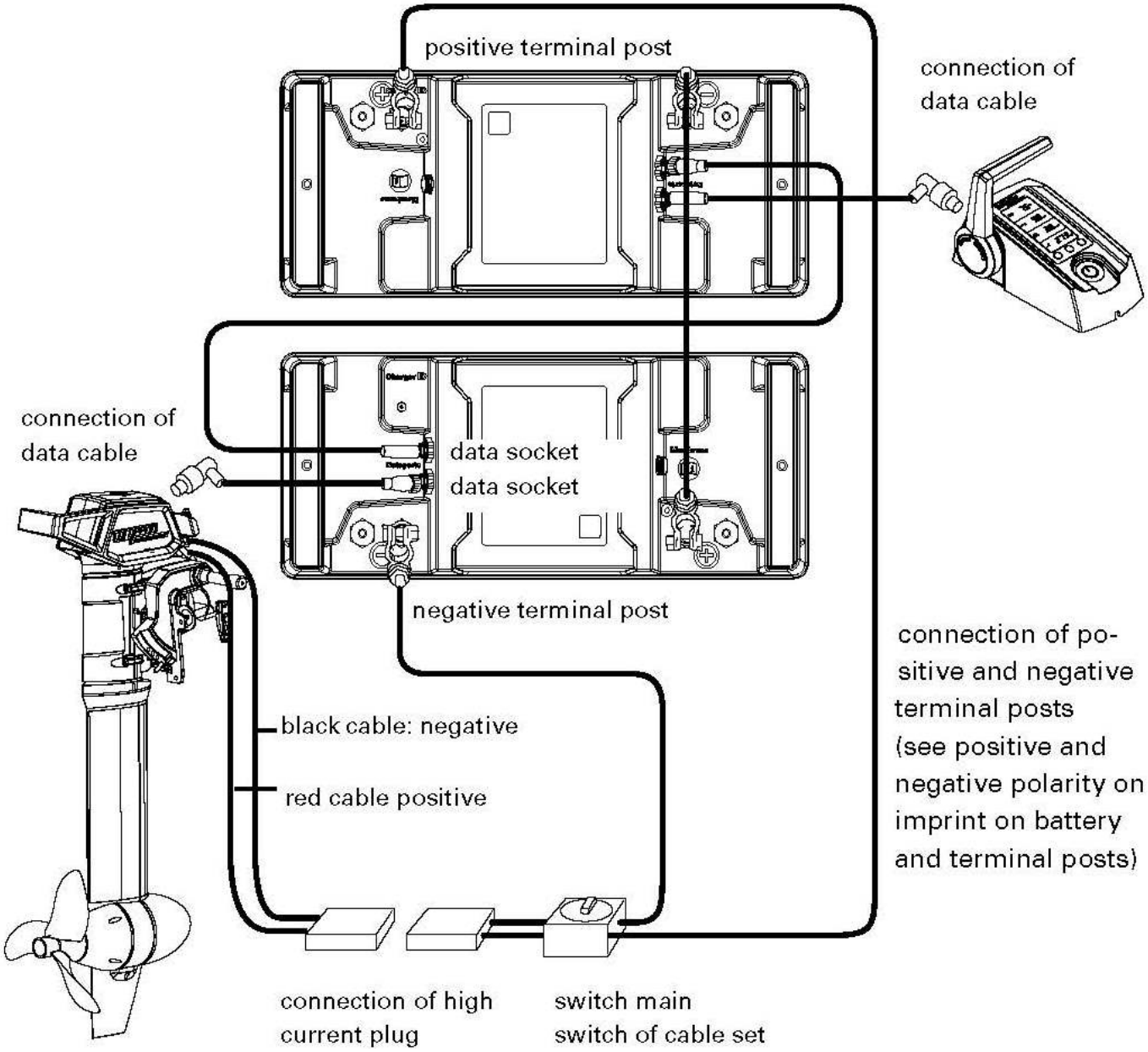


Diagram showing 2 batteries in series,
actual installation will have 5 more sets in parallel

TORQEEDO PROPULSION SYSTEM

What's included with the Torqueedo System

- Components as purchased (motor, throttle, batteries, chargers)
- DC wiring limited to (chargers - batteries - motor)
- DC fuses and/or circuit breakers related to propulsion system
- Data wiring (motor - batteries - throttle)

What's not included (boat builders responsibility and cost)

- 240vac 'shorepower' cordset (located at each marina slip)
- On-board 240vac power inlet
- On-board 120/240vac breaker panel*
- On-board 12vdc breaker panel
- Any non-propulsion electrical systems (lights, PA system, bilge pumps, power inverter, DC/DC converter, etc…)
- NOTE: accessory loads may be connected to the Torqeedo batteries if desired
- Steering system

*AC breaker panel

SYSTEM OPERATION

'Smart Throttle'

Information Display integrated into throttle, showing

- Battery percentage %
- Remaining range in miles
- Current speed in MPH
- Current power sage in watts

SYSTEM OPERATION

Automatic battery chargers

- **240volt/30amp single phase service per boat will be required**
  - However, standard chargers will only pull about 15amps at full load
- **Standard recovery times**
  - 5% to 100% will be about 10 hours
  - 20% to 100% will be about 8 hours
- **'Full cycling' is not required, as there is no 'memory effect'**
- **Charging is an automatic process and only requires the operator to plug the boat in to shorepower**
- **Recommended that the chargers be permanently installed on-board the vessel, and that the cord set remain in the marina**

DOCUMENT C

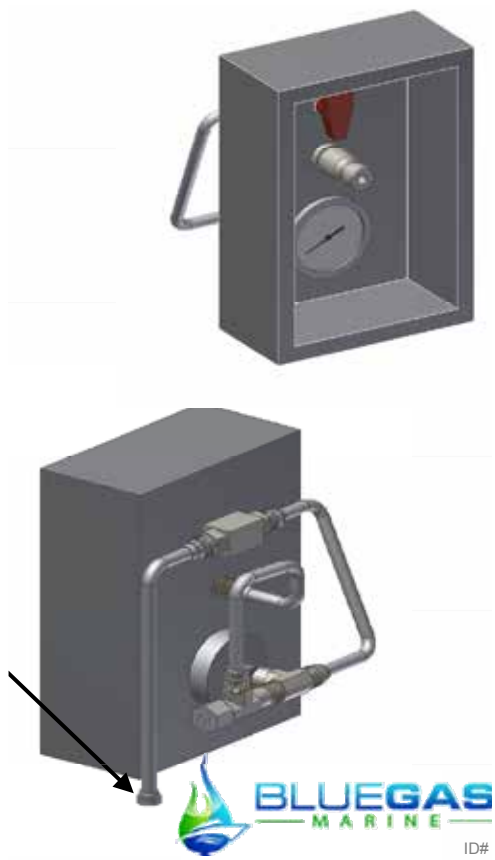
CNG PROPULSION

BLUE GAS MARINE CNG SYSTEM FOR NEW SAN ANTONIO RIVER BARGE

Proposal:

- **Engine Yamaha 9.9 hp**
  - CNG adaptation only
  - Remove/disable gasoline carburetor
- **CNG Tank**
  - 4 Day Autonomy between fills
  - Two straps with mounting base
  - Type 2 Tank, 3600 psi (nominal)
  - 13 Gasoline Gallon Equivelent capacity
  - Dual Integrated Valve (manual and Solenoid)
- **Tank Mounts to Vessel Support**
  - Below deck with support stringer that ties to ribs
  - CNG Tank 16.3" Diameter x 55" Long
  - Weight <300 lbs.

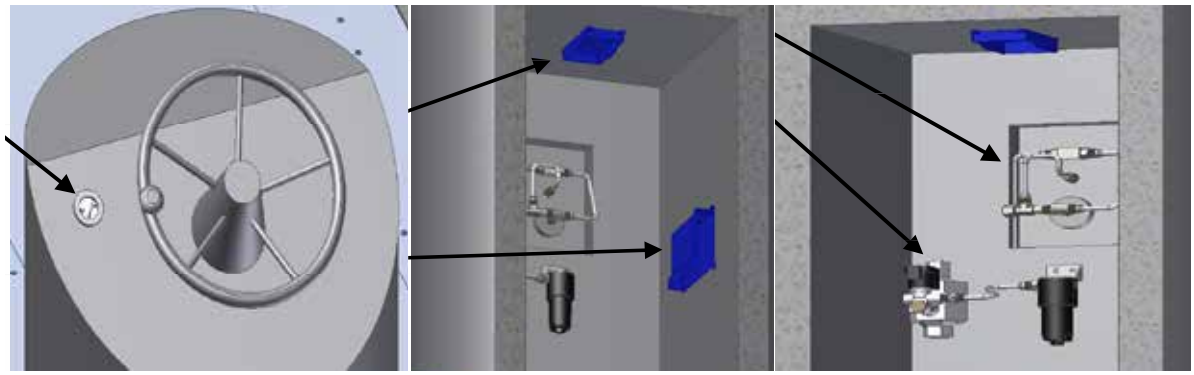
CNG SYSTEM FOR NEW SAN ANTONIO RIVER BARGE



Proposal:

- **Fuel Receiving Module**
  - Shutoff valve
  - 6000 psi liquid filled gauge
  - Single connection point for vessel install
- **Optional Latching Door**
  - To protect from dirt and debris

CNG SYSTEM FOR NEW SAN ANTONIO RIVER BARGE

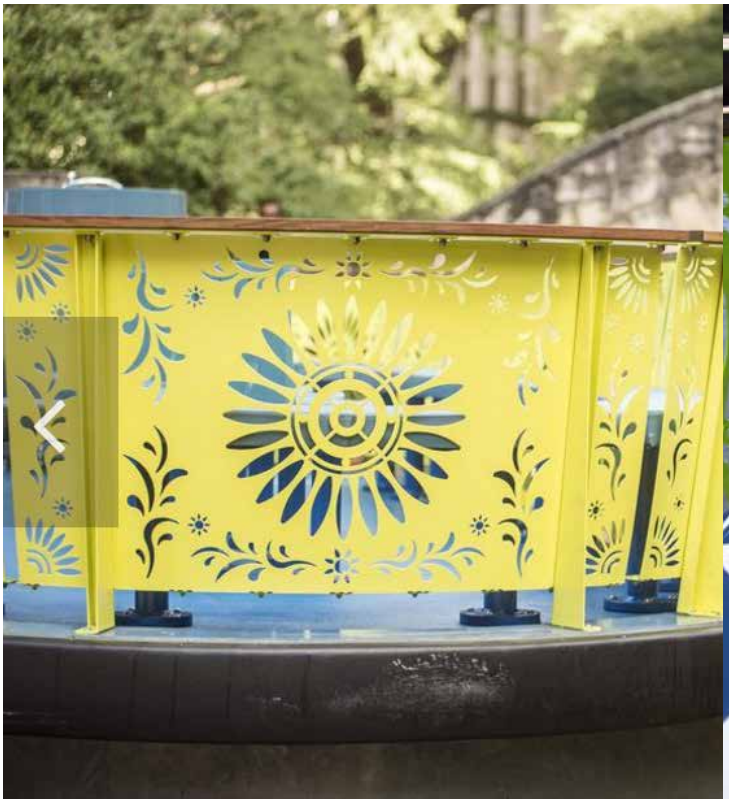


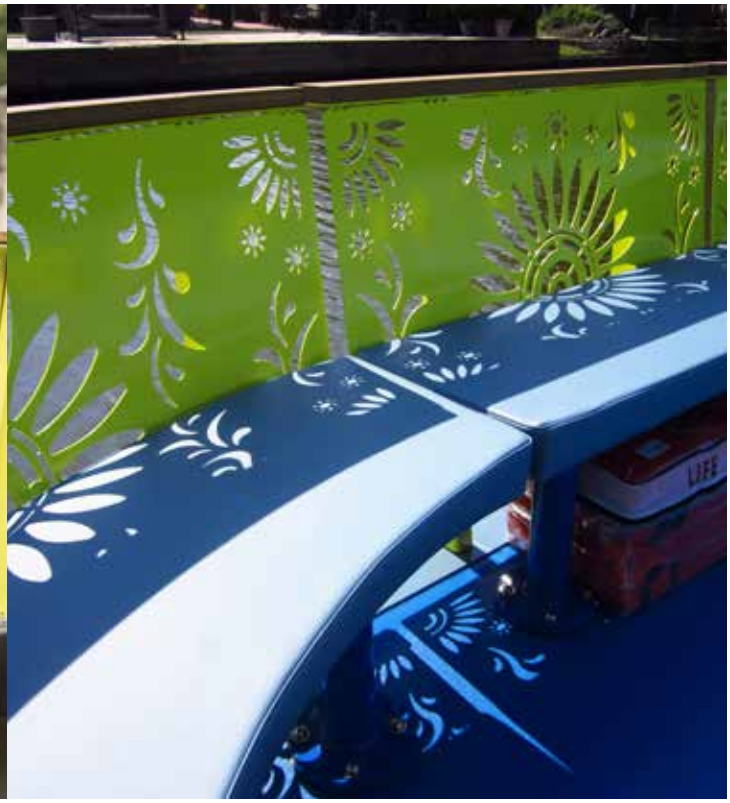
Proposal:

- **Console Mounted Components**
  - Helm Control Electronics
  - Engine control Electronics
  - Fuel receiving Module
  - Pressure control Module
- **Operator's Fuel Gauge**
- **Hose Rigging**
  - High pressure flexible hose from fuel receiving panel to tank
  - High pressure flexible hose from tank to pressure control module
  - Low pressure flexible hose from pressure control to engine (with inline fuel filter)
- **Electrical Rigging**
  - Engine, engine control module, helm control, fuel gauge, and various remote sensors

DOCUMENT D

PROTOTYPE PHOTOS





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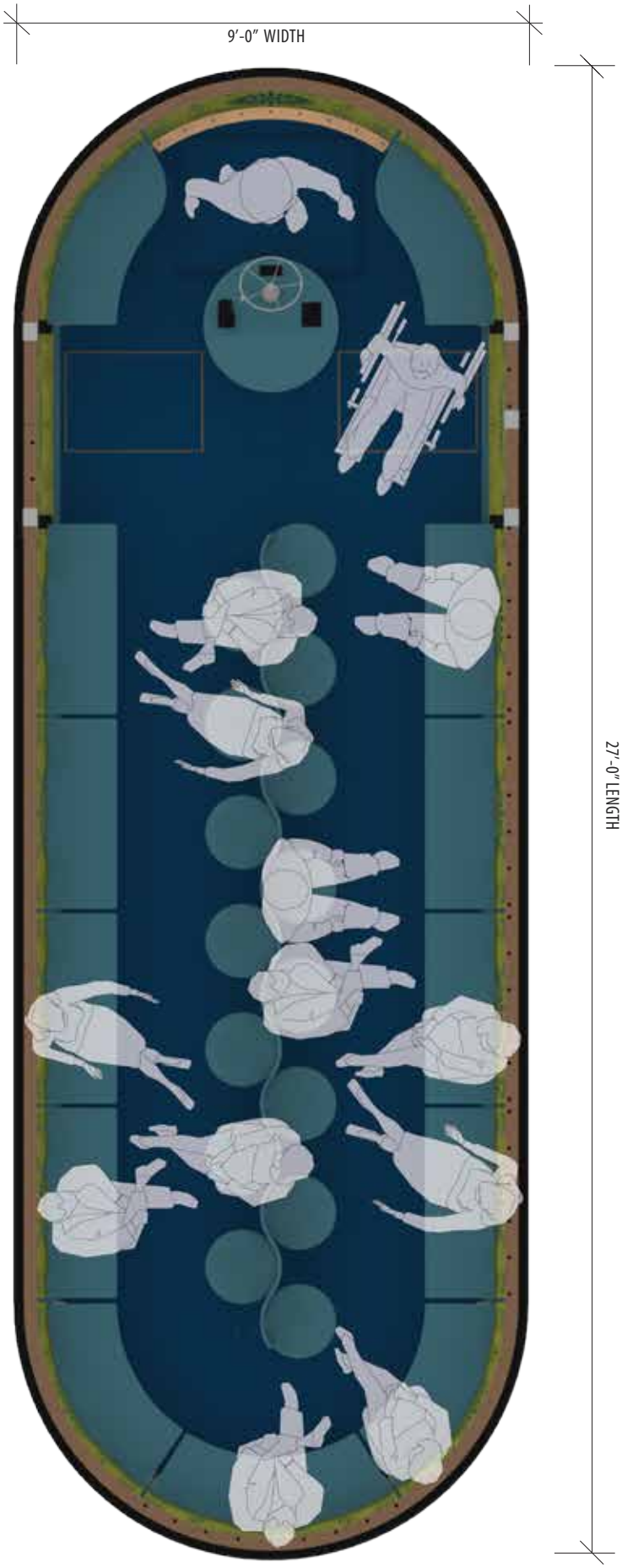
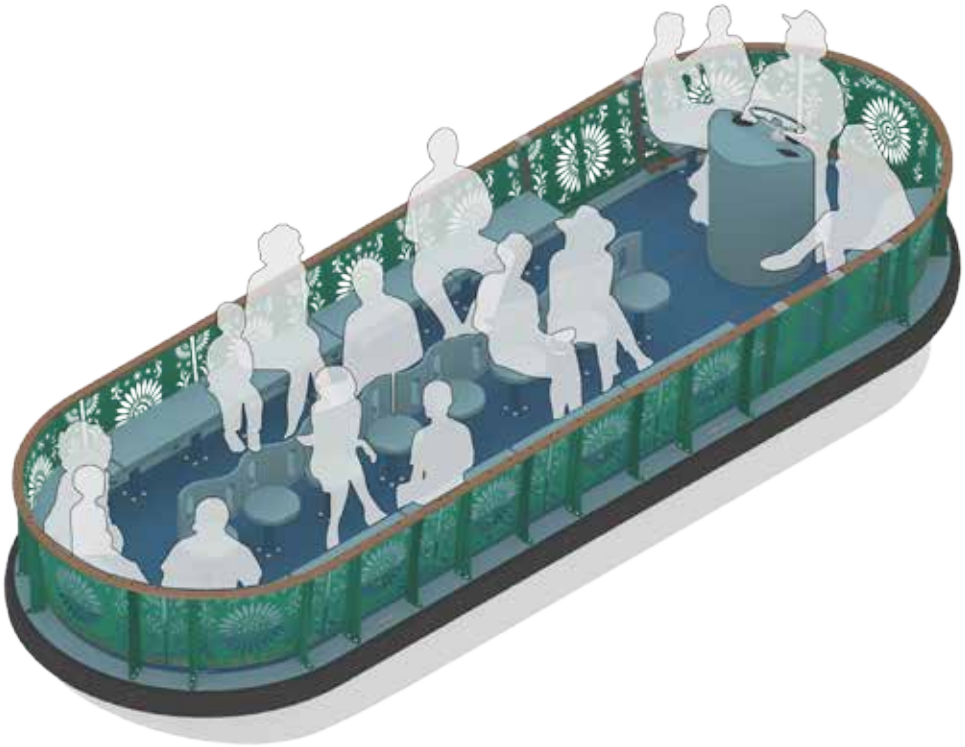
DOCUMENT E

SEATING CONFIGURATIONS


9'-0" WIDTH
27'-0" LENGTH

MODULAR COMPONENTS

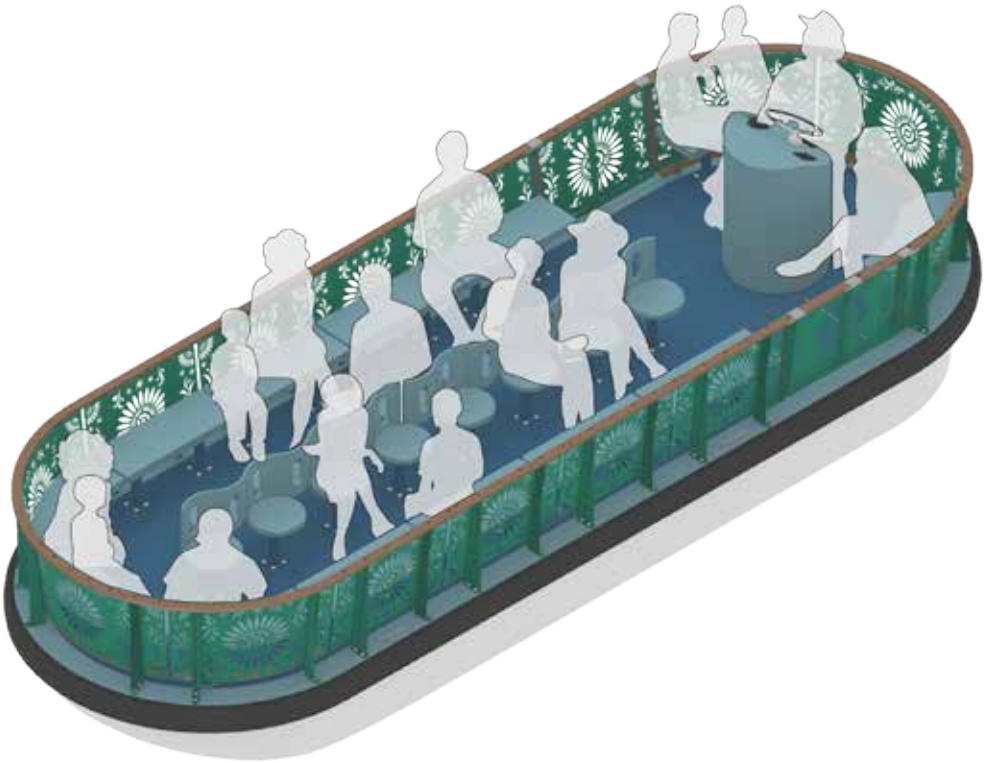
Envision new possibilities for the River Boat experience with the easy addition or removal of modular components: touring, dining, commuting, and other variations yet to be offered. Tables, shade sails, parade float decor, and other accessories can be attached to our multi-functional flat deck surface with flush threaded coupling connections.

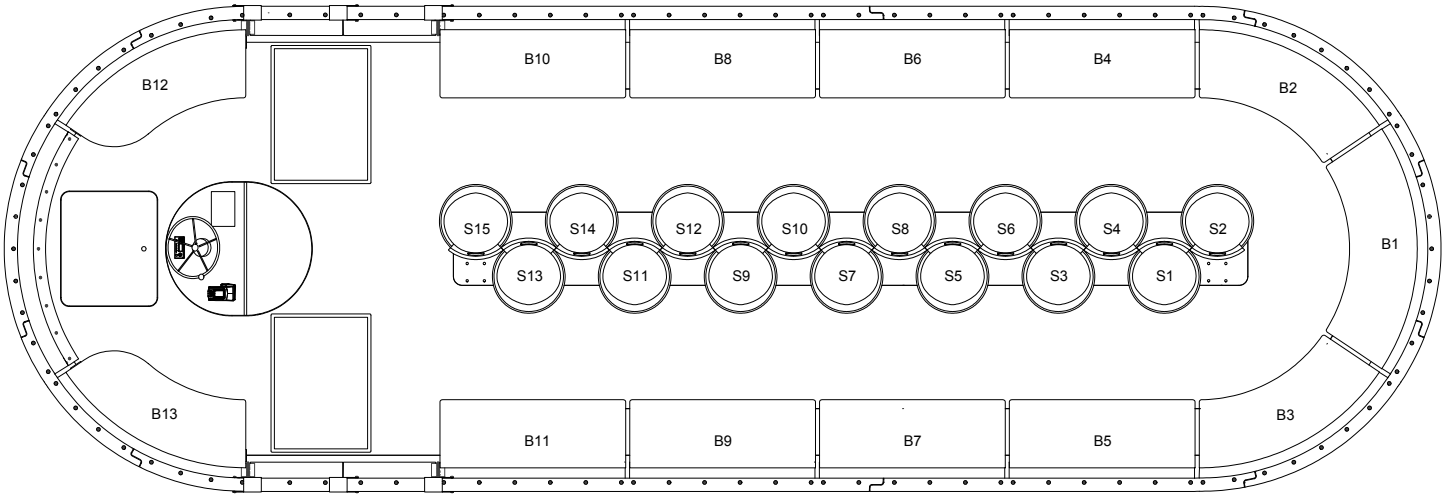


RIVER TOUR

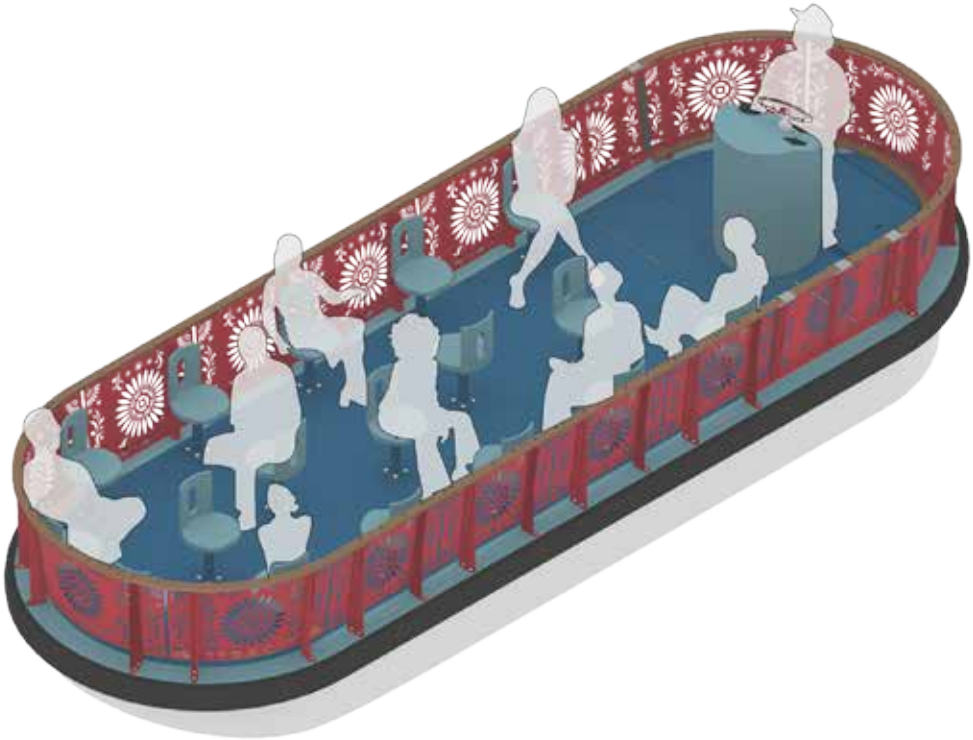
It's a classic, but we're making it better! Padded bench seating and a staggered wavy back on the center row gives 4" more legroom to every passenger. Curved bench seating at the bow and stern give more options to passengers and companion seating for wheelchairs. And our flat deck and integral fold-down ramps make access to the boats easy for everyone. No steps, no tripping, no problem!

RIVER TOUR





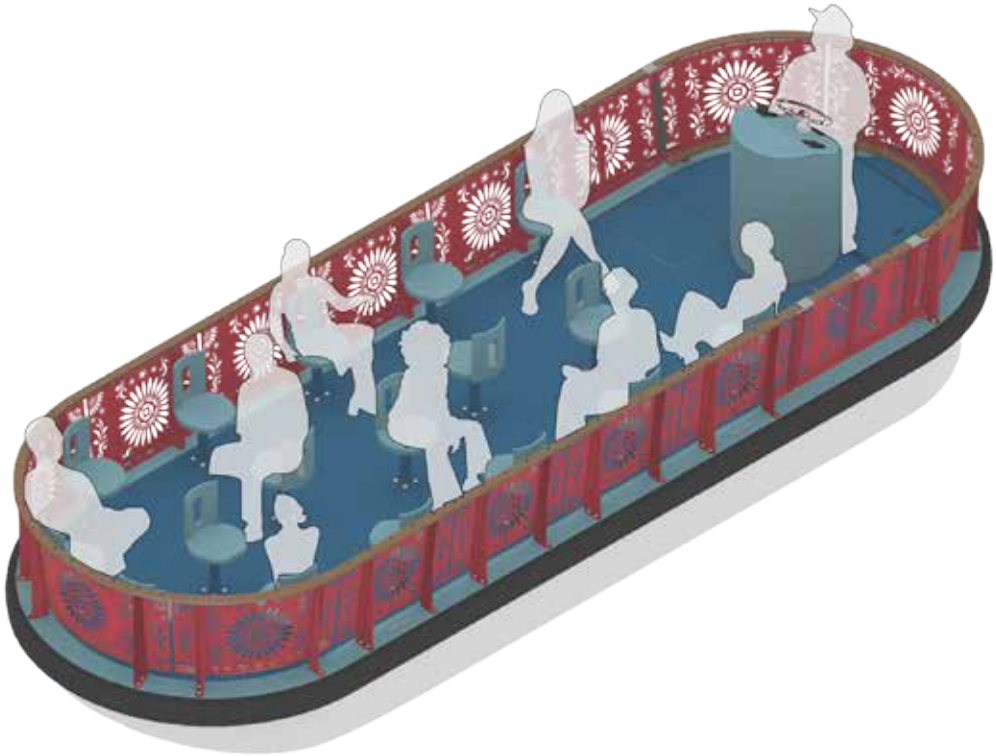
DESIGN:	CAPACITY	ACCESSORIES	SPACE/PERSON
RIVER TOUR	44	PERIMETER SEATING BACK-TO-BACK SEATS	ASSIGNED

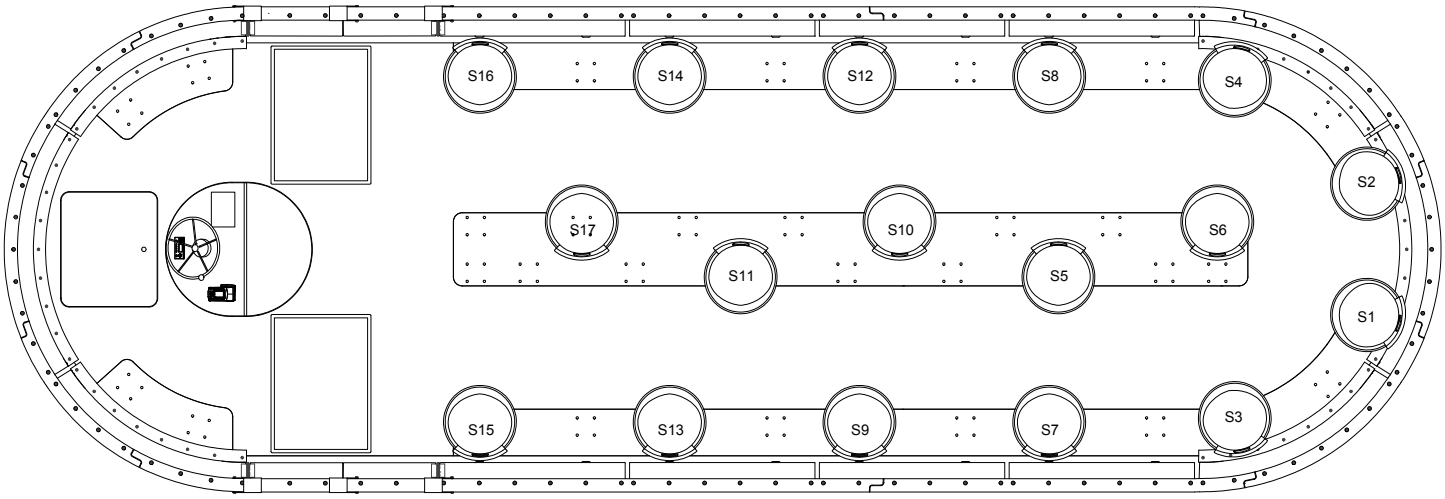


360 VIP TOUR

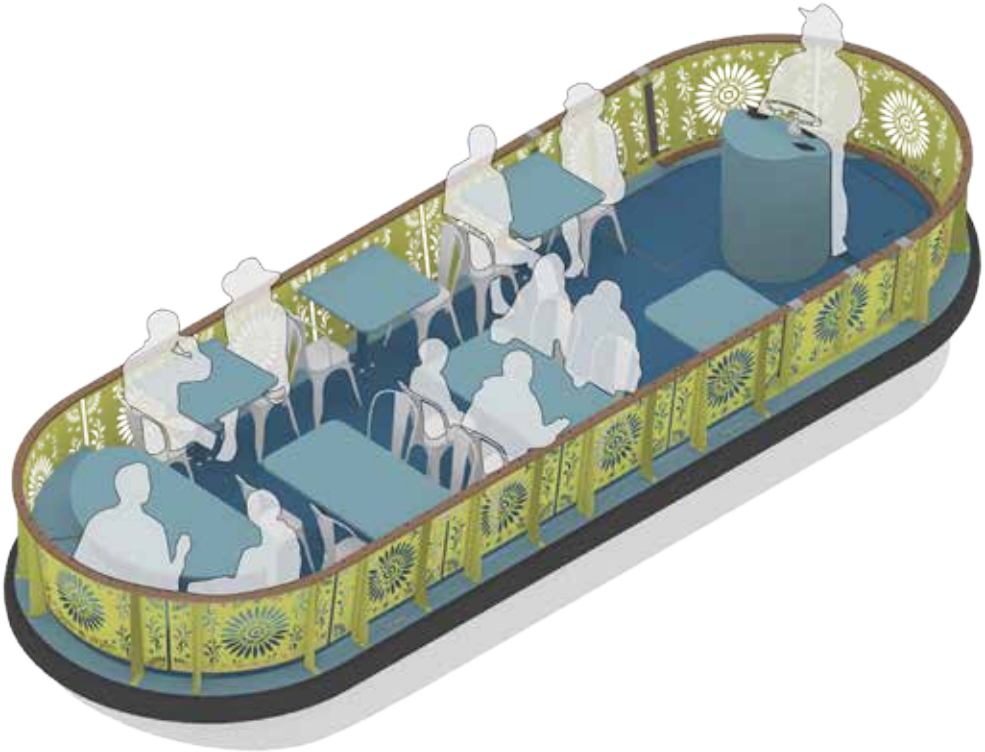
On this tour, everyone is a captain! With benches removed, there is ample room for this 16 person tour to seat everyone in style in rotating captain's chairs. Sure it costs a little more, but when you can free-wheel around to see all the sights, it just might be worth it!

360 VIP TOUR





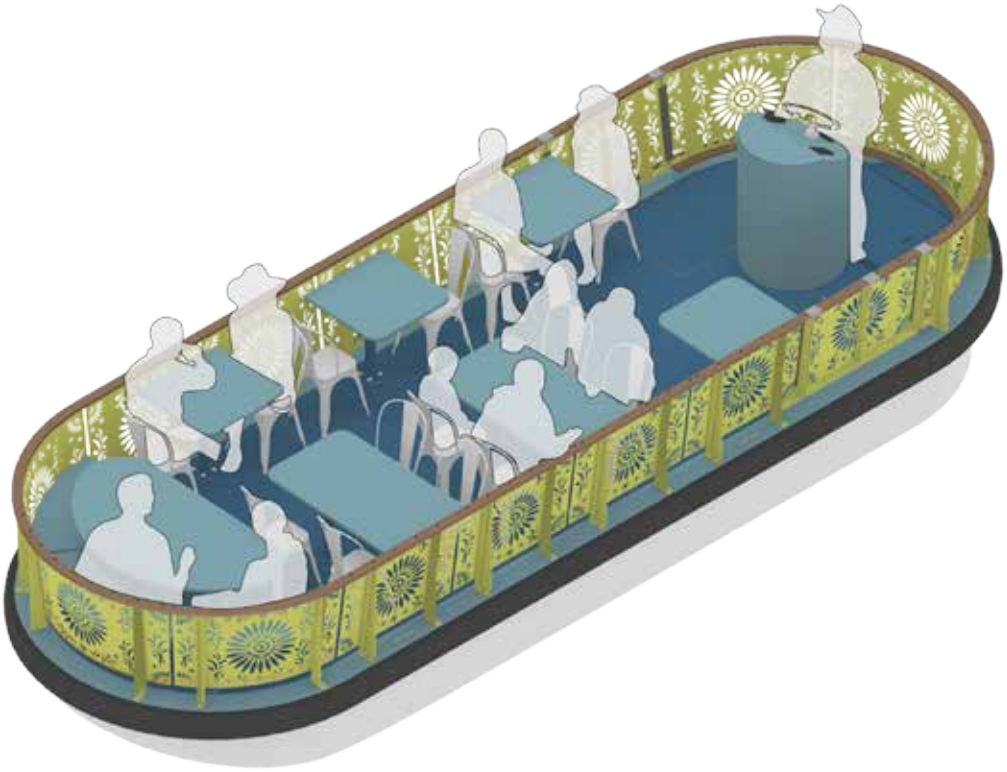
DESIGN:	CAPACITY	ACCESSORIES	SPACE/PERSON
360 VIP TOUR	17	SWIVEL STOOL SEATING	ASSIGNED

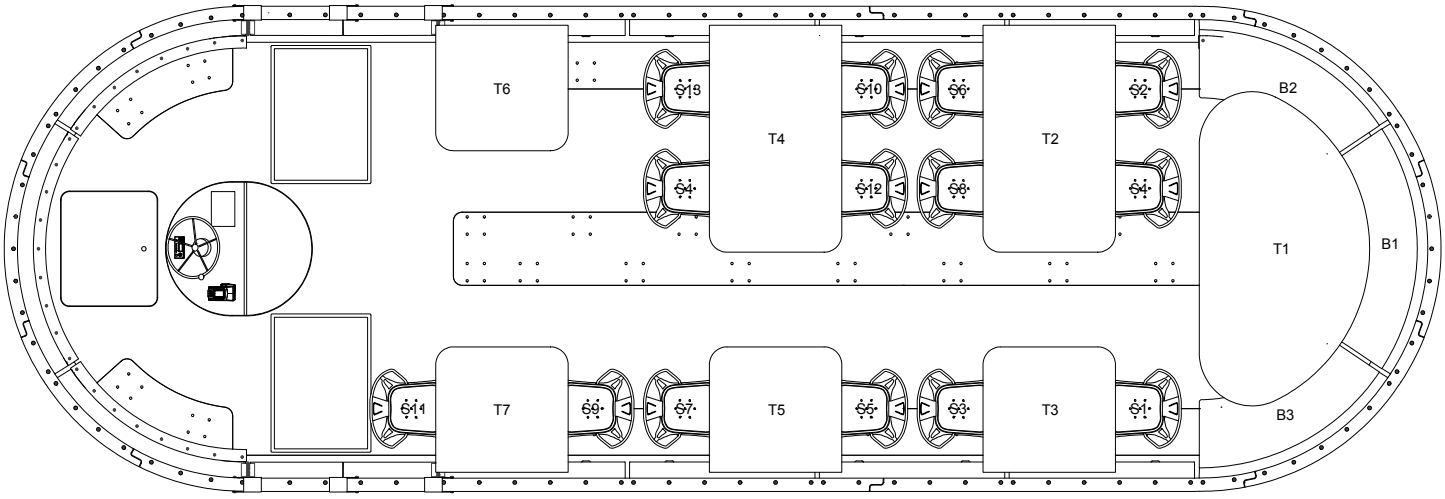


BISTRO CRUISE

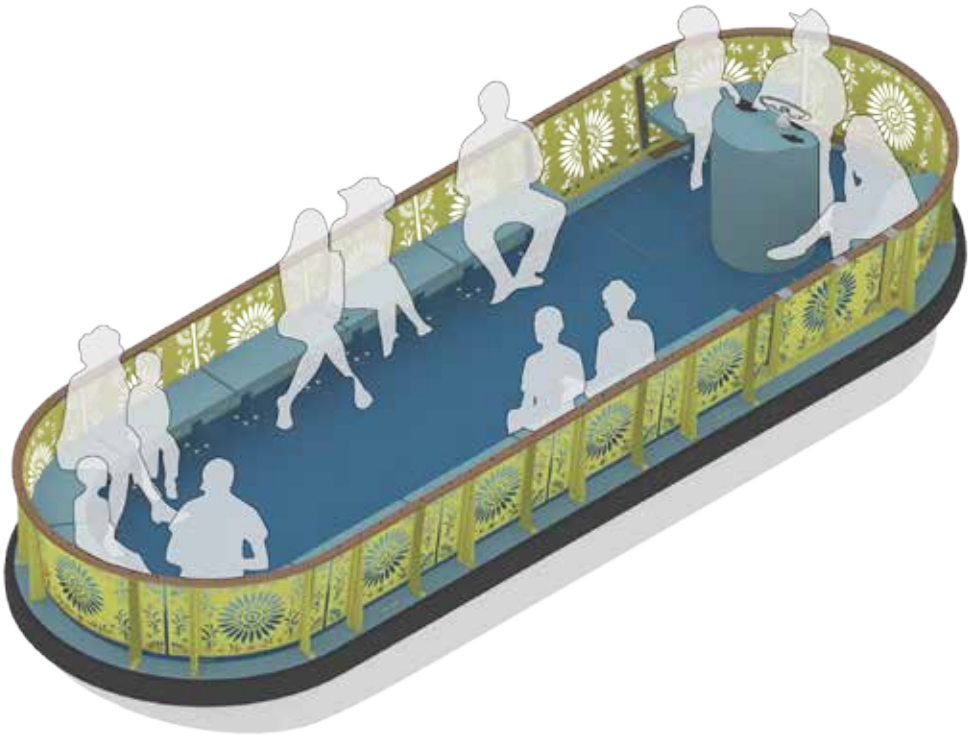
Formal dinner too formal? We agree. Sometimes you just want to grab a cocktail and some chips and guac. Our modular deck allows for different configurations of tables and chairs, maybe a few four-tops, and that great corner booth that everyone wants...

BISTRO CRUISE





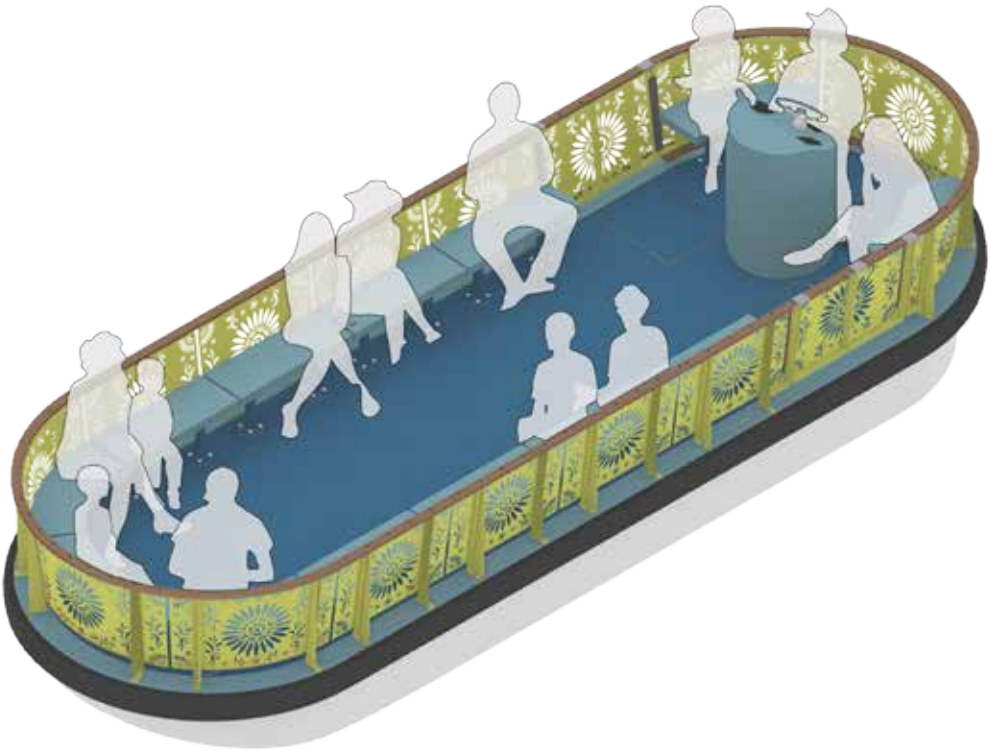
DESIGN:	CAPACITY	ACCESSORIES	SPACE/PERSON
COCKTAIL CRUISE	21	TABLES AND CHAIRS, END BENCH	ASSIGNED

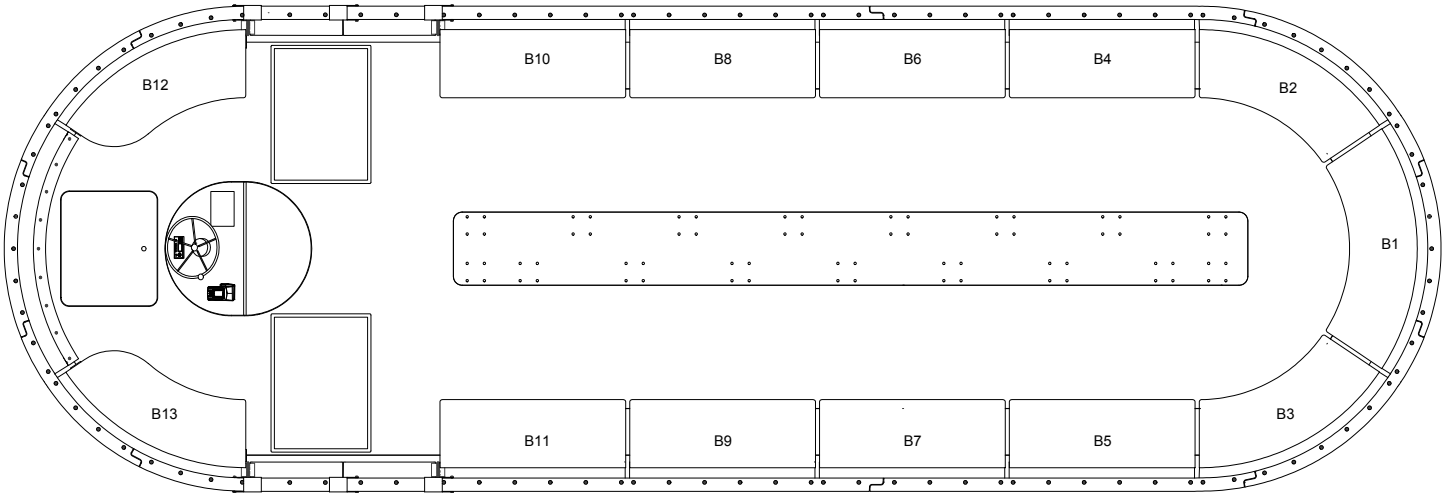


RIVER TAXI

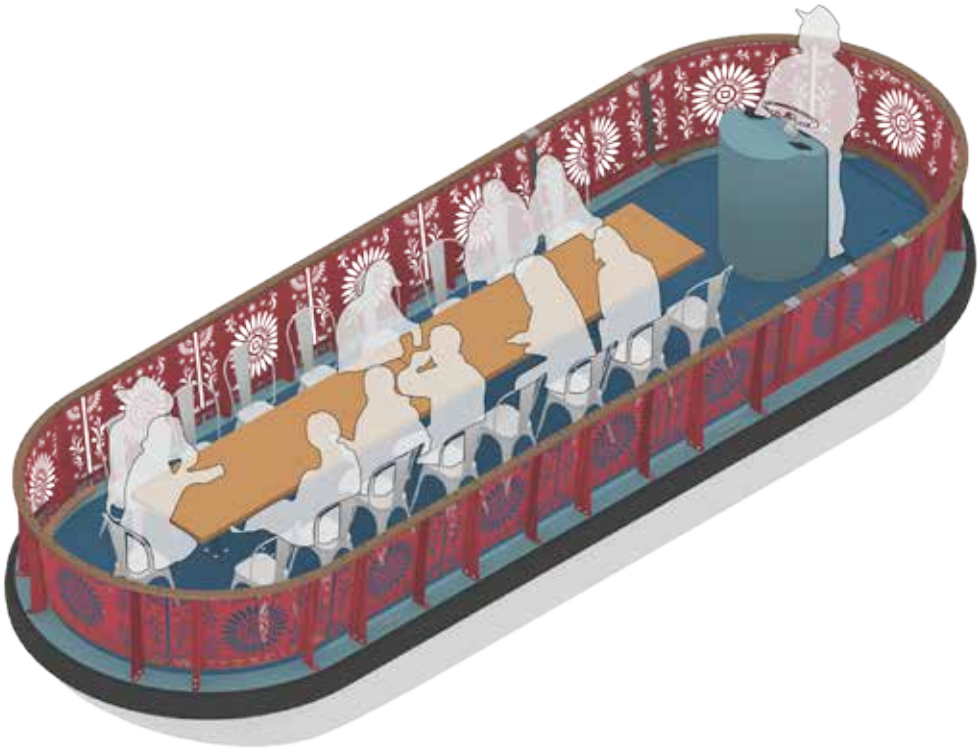
Is that a tour boat or a taxi? Can't tell? Neither could we. Our integral "ground effect" lighting will be yellow when it's a taxi, red when it's a tour, blue for dinner cruises... You get the picture. Wait. It can't be "ground effect" if its water. So what is it? It's waterproof, programmable LED's, pointing down, as if to whistle and yell TAXI!

RIVER TAXI





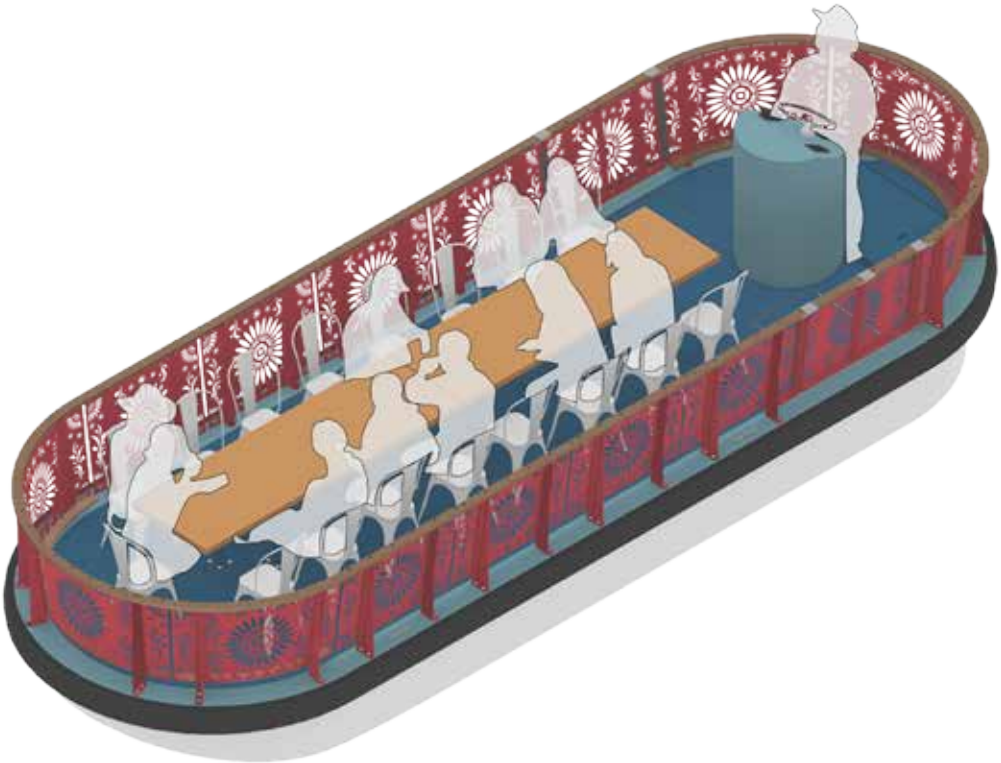
DESIGN:	CAPACITY	ACCESSORIES	SPACE/PERSON
RIVER TAXI	27 SEATS +TBD FLEX	PERIMETER SEATING	ASSIGNED, FLEXIBLE

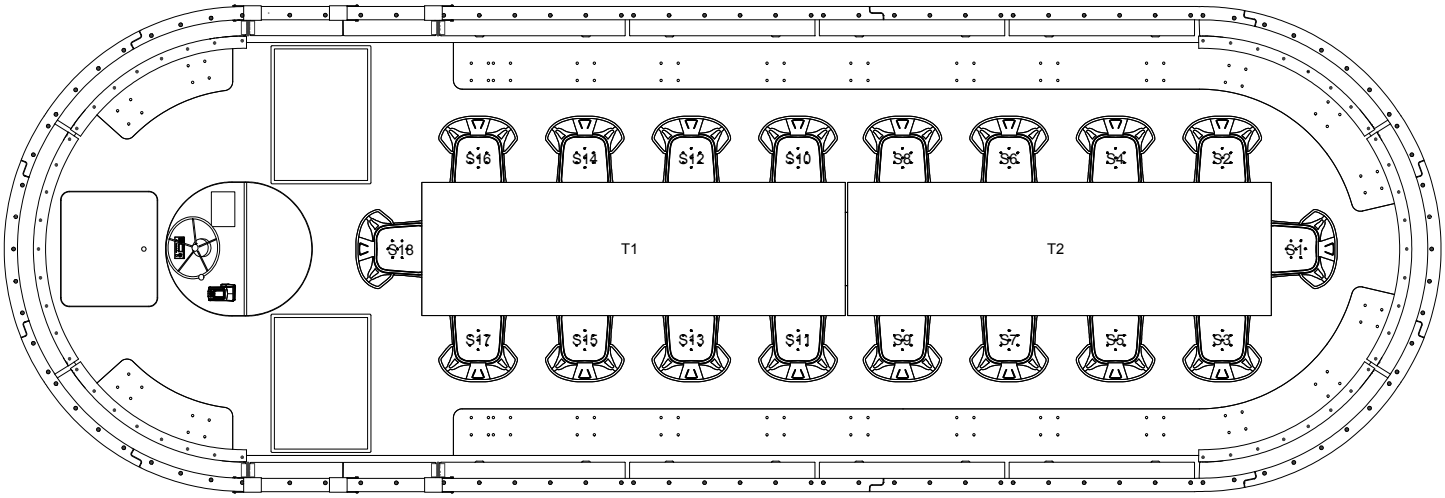


DINNER CRUISE

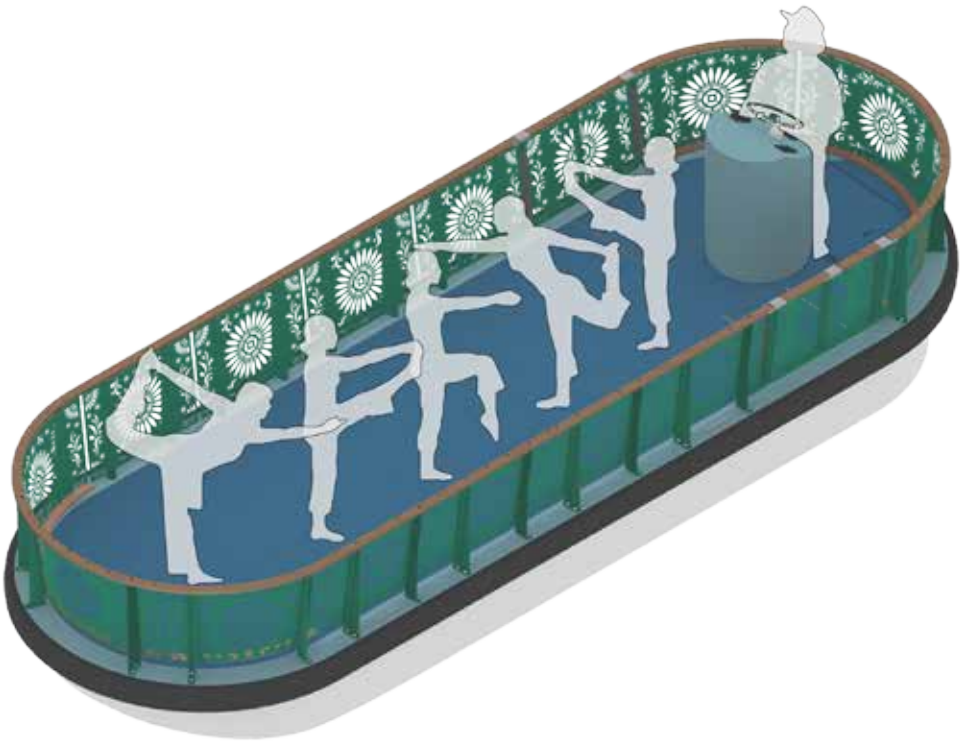
For the discerning party of 17, or the farmhouse table crowd ready to sit and dine with their friends and their soon-to-be new friends, the modular deck also accommodates the big long center table. The outward leaning guardrails create an elegant ambiance while providing more room for you (and your waiter!) to get in and out gracefully!

DINNER CRUISE





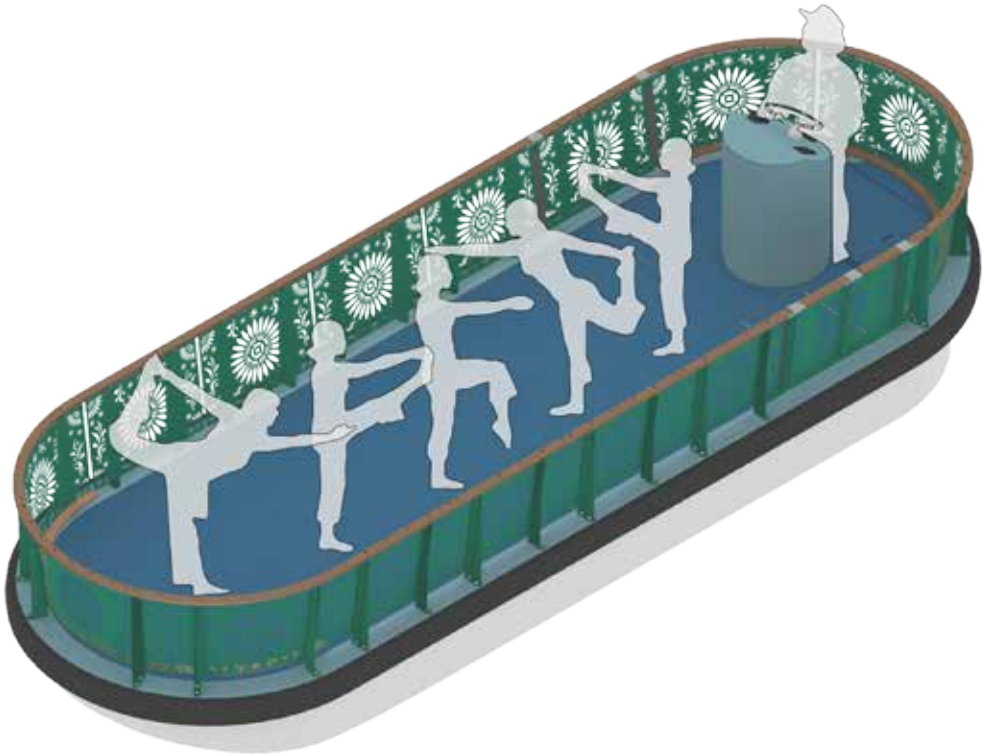
DESIGN:	CAPACITY	ACCESSORIES	SPACE/PERSON
DINNER CRUISE	17	LARGE TABLE AND CHAIRS	ASSIGNED

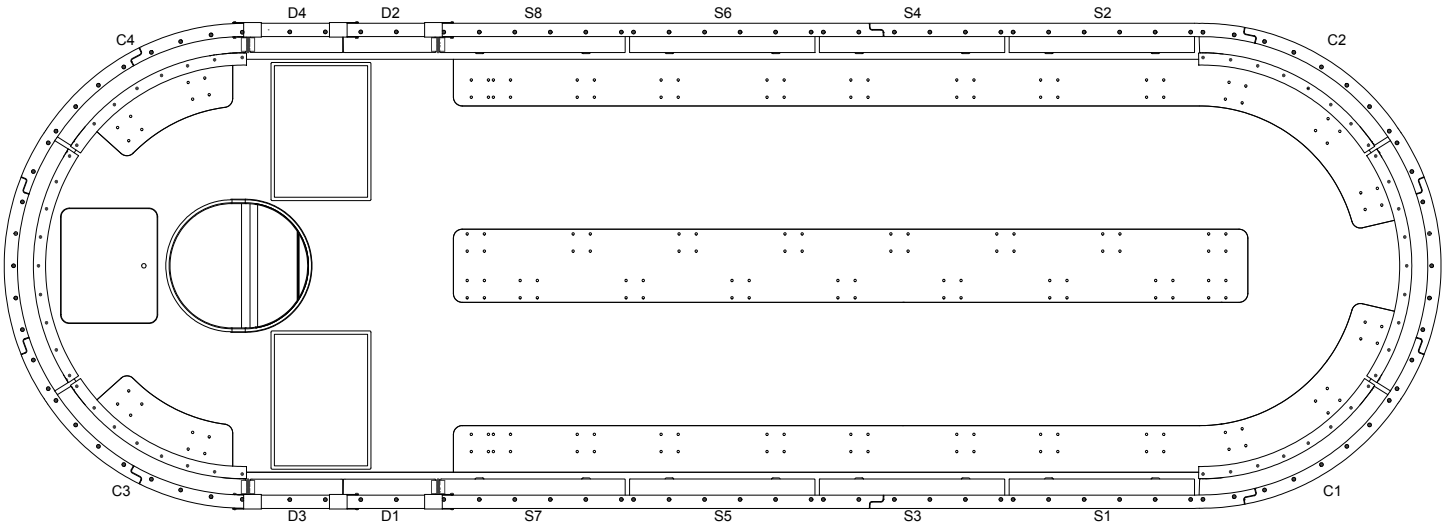


MORNING YOGA

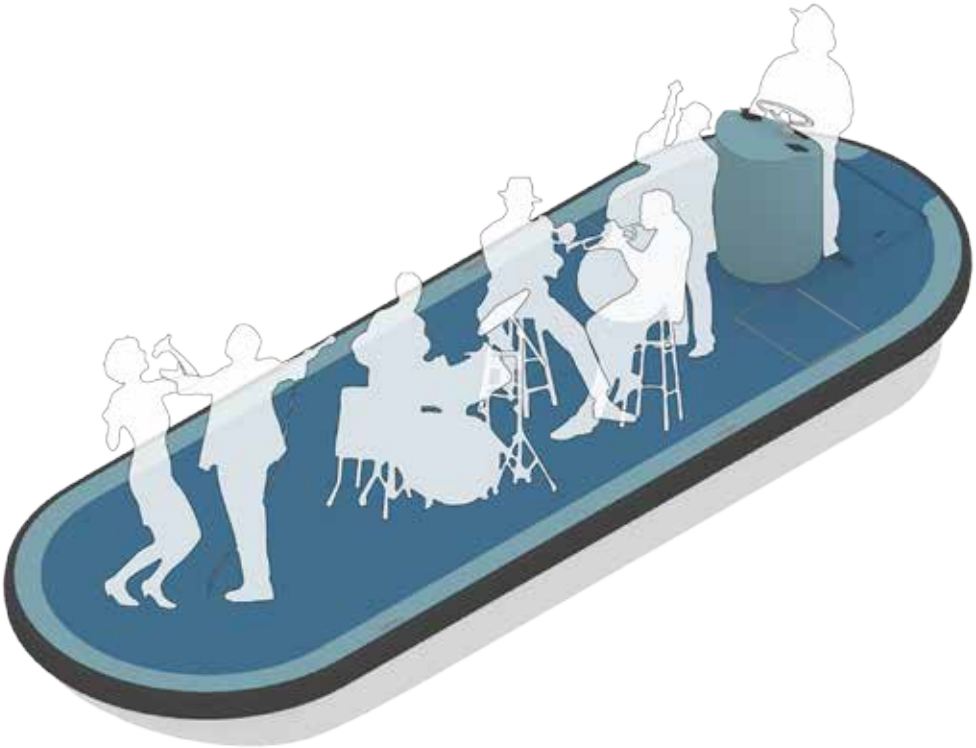
What? You can do yoga on a boat?! That's what some of us said at first, then we Googled it. Yes you can. In fact, people do yoga on stand up paddle boards. Google it. You're welcome. In fact, the stand up paddle boards look a bit like our iconic pill-shaped River Boat forms. Bringing us full circle. Ommm....

MORNING YOGA





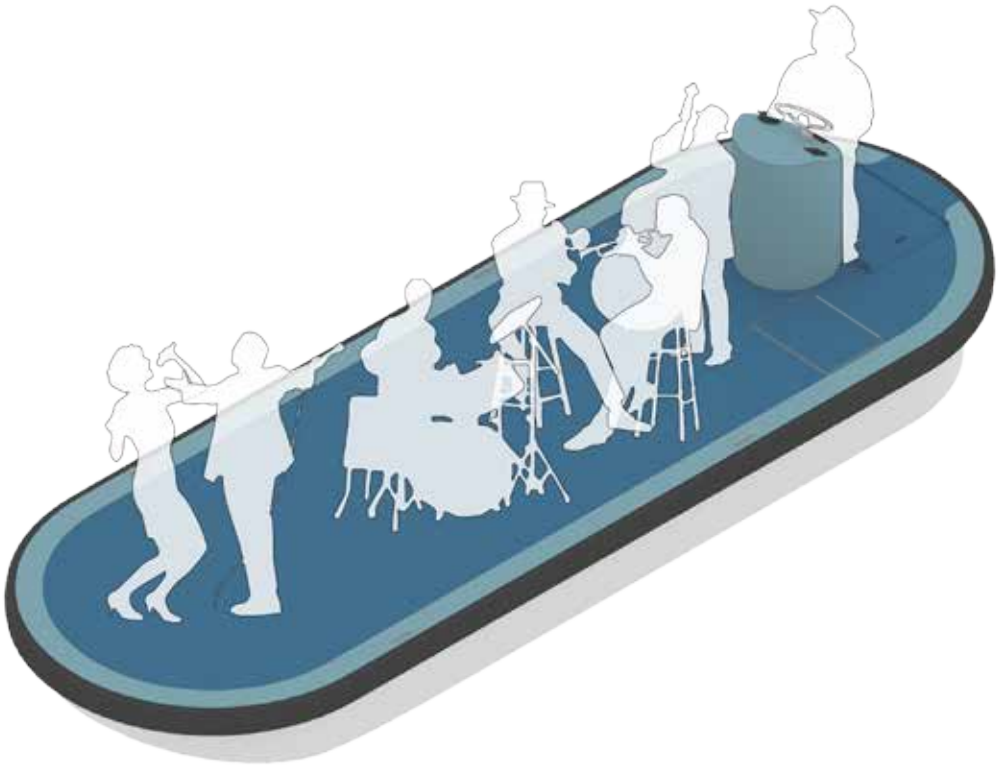
DESIGN:	CAPACITY	ACCESSORIES	SPACE/PERSON
MORNING YOGA	TBD	NONE	FLEXIBLE

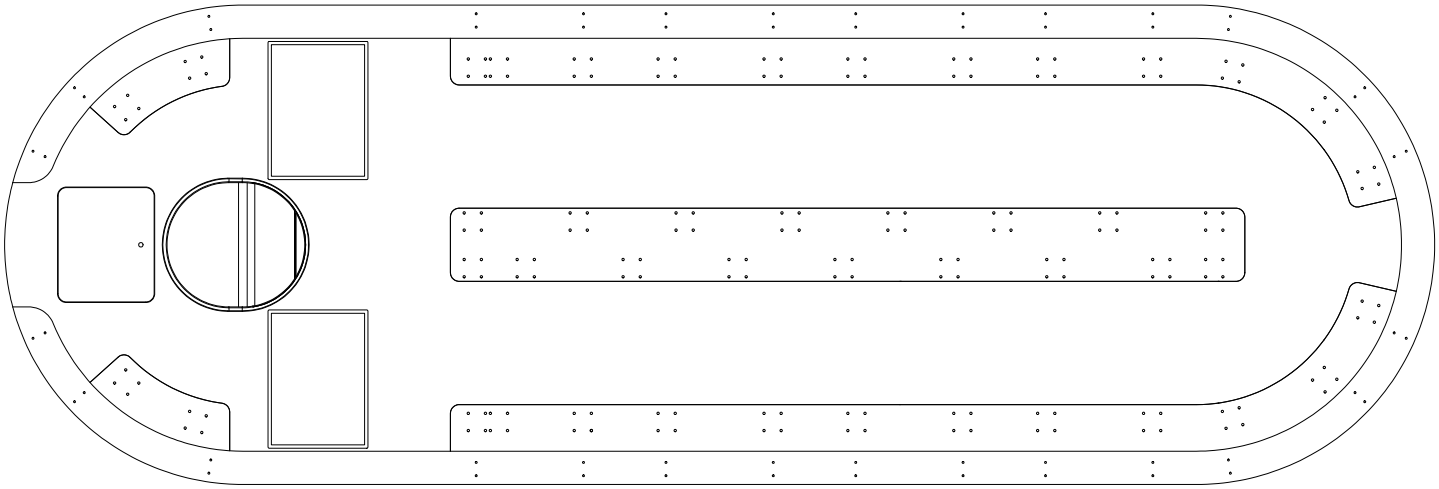


FLOATING FLOAT

It's party time! The Spurs just won, again! Now this is where the modular deck really helps. The float committee will grouse far less when clearing the deck, and attaching plumes, balloons, and thrones is made easy with our integrated flush stainless steel threaded coupling attachment points. Integrated what!? Never mind. It'll be easy and fun to trick out these boats into floats.

FLOATING FLOAT

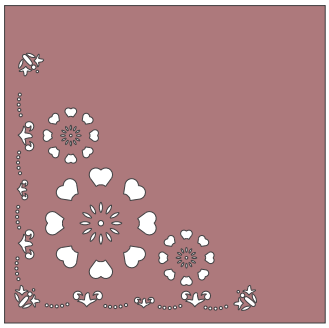




DESIGN:	CAPACITY	ACCESSORIES	SPACE/PERSON
FLOATING FLOAT	TBD	NONE	FLEXIBLE

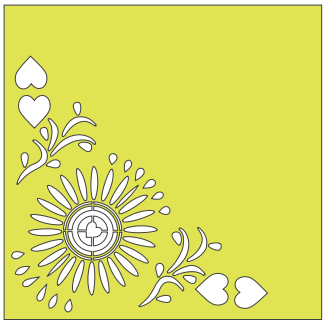
RAILINGS COLORS AND PATTERNS

(SELECTIONS FROM SAN ANTONIO GRAPHIC STANDARDS COLOR PALLETE)

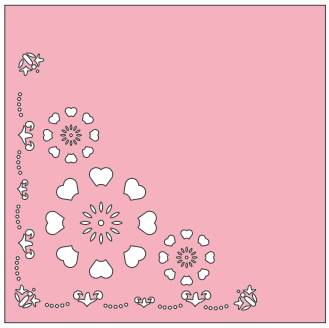


"CINNAMON"
PANTONE #479C

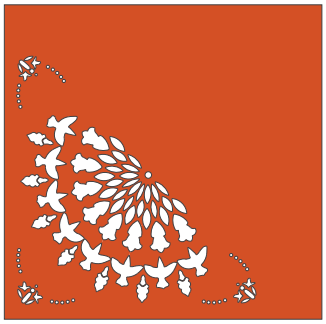
"VERDES"
PANTONE #341C



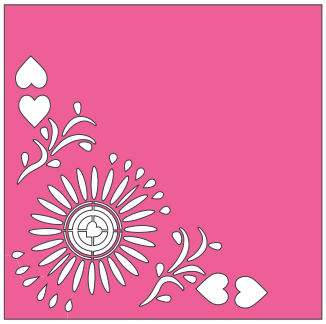
"TOMATILLO"
PANTONE #341C



"ROSA"
PANTONE #189C

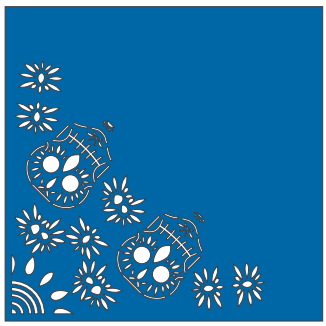


"HABANERO"
PANTONE #173C

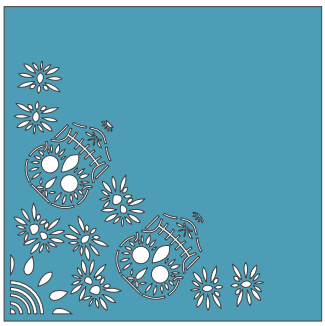


"FIESTA"
PANTONE #212C

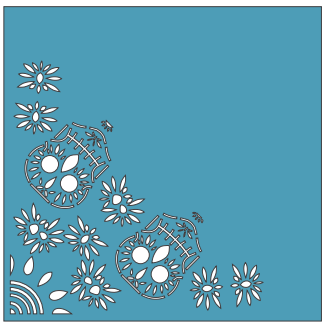
OTHER COMPONENTS



DECK SURFACE
(NON-SKID FINISH)



DECK RIM, CONSOLE, AND
FURNITURE COMPONENTS



VINYL SEAT CUSHIONS AND
ROTO MOLDED SEATS

PATTERNS ARE FOR REFERENCE ONLY; FINAL PATTERNS WILL BE PROVIDED TO THE WINNER

Colors shown above are for Reference Only

All products and materials are as specified in the color index specifications, see samples for actual color. Rail colors can deviate using the San Antonio color palette but final color must be as specified or equal must be approved. If a deviation is desired or another rail color will be used to provide variety, a substantial sample of the substitute or new color must be submitted to the designer, Metalab Studio, Inc, and the City of San Antonio 45 days prior to use.