

# Ship to Shore

IPL-1501

Equipment Manufacturer

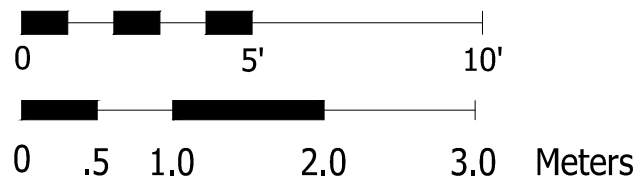
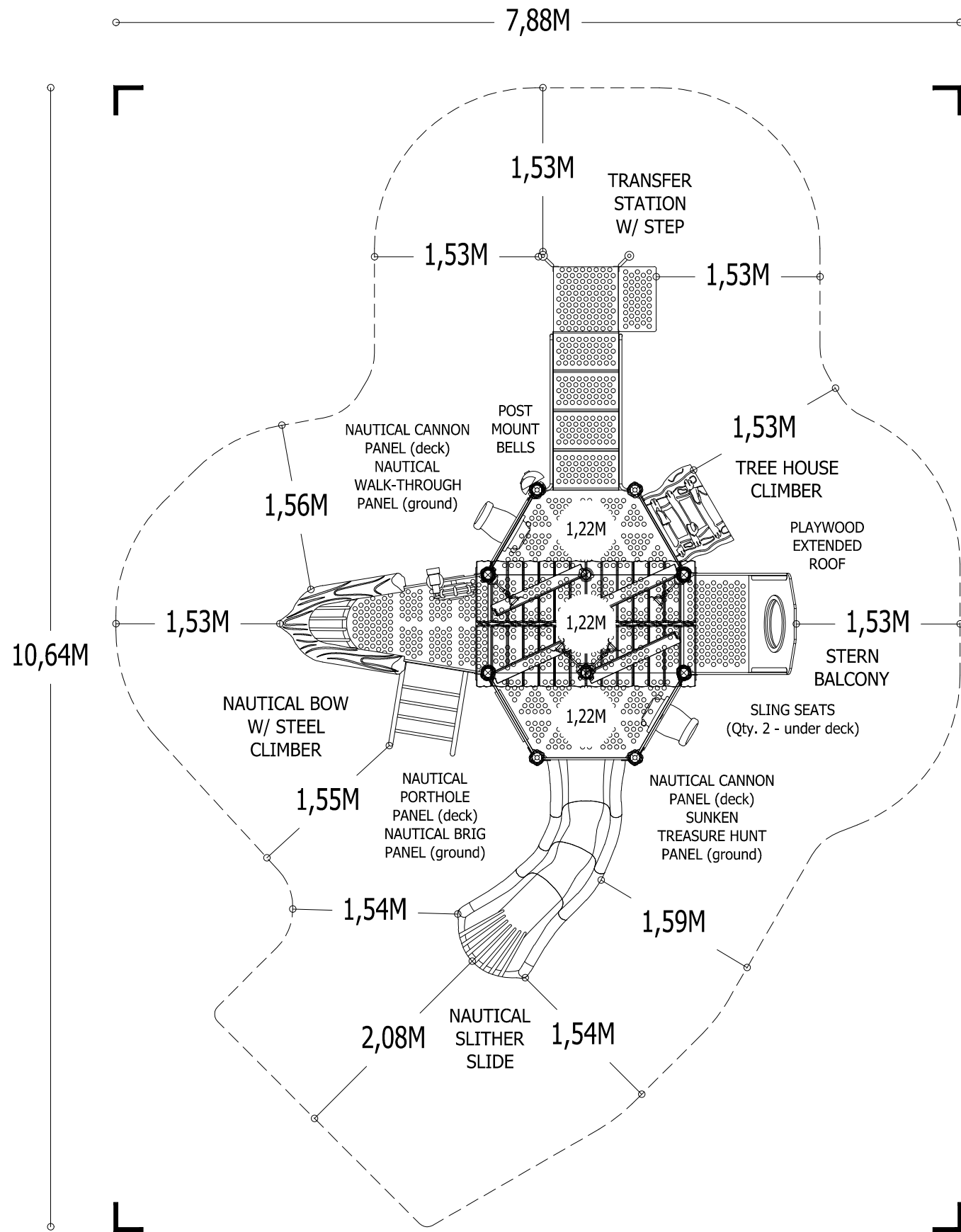


FRONT



SIDE





\*PLAYGROUND SUPERVISION REQUIRED



Playworld Systems, Inc.  
1000 Buffalo Road  
Lewisburg, PA  
17837-9795 USA

EQUIPMENT SIZE:  
**4,82M x 6,79M x 3,68M**

USE ZONE:  
**7,88M x 10,64M**

AREA: **53,27 SqM.** PERIMETER: **29,94M**

FALL HEIGHT:  
**1,22M**

USER CAPACITY: **45** AGE GROUP: **2-6**

ADA SCHEDULE	Total Elevated Play Activities: 10		
	Total Ground-Level Play Activities: 7		
	Accessible Elevated Activities	Accessible Ground-Level Activities	Accessible Ground-Level Play Types
Required	5	3	3
Provided	10	4	3

✓ EN-1176



PROJECT NO:  
**IPL-1501A**

SCALE:  
**1:50**

DRAWN BY:  
**M. MERTZ**

Paper Size

DATE:  
**11-SEP-15**

**A3**

**SHIP TO SHORE**  
INTERNATIONAL COLLECTION

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Design Number: IPL-1501A - Bill Of Material

Ref. No.	Part No.	Description	Quantity
<b>Posts</b>			
1	ZZCH0028	3.5in OD x 136in STEEL POST W/ RIVETED CAP	4
2	ZZCH0217	3.5in OD x 156in SWAGED STEEL POST	6
<b>Decks &amp; Kick Plates</b>			
3	ZZCH0618	1/2 HEX COATED DECK ASSEMBLY	2
4	ZZCH0629	LONG COATED DECK ASSEMBLY	1
5	ZZUN2290	COATED DECK TO DECK CONNECTION KIT	4
<b>ADA Items</b>			
6	ZZCH2027	TRANSFER STATION (48in DECK)	1
7	ZZUN2019	APPROACH STEP FOR TRANSFER STATION	1
<b>Slides</b>			
8	ZZCH8549	SLITHER SLIDE ENTRY/EXIT (NAUTICAL THEME)	1
9	ZZUN3208	SLITHER SLIDE 2.0 (RIGHT SECTION)	2
<b>Activity Panels</b>			
10	ZZCH4896	SLING SEAT	2
11	ZZCH8550	PORTHOLE PANEL (NAUTICAL THEME)	1
12	ZZCH8557	CANNON PANEL (NAUTICAL THEME) (DECK LEVEL)	2
13	ZZCH8560	SUNKEN TREASURE HUNT (GROUND LEVEL) (NAUTICAL THEME)	1
14	ZZCH8568	BRIG PANEL (NAUTICAL THEME) (GROUND LEVEL)	1
15	ZZCH8569	NAUTICAL WALK-THRU PANEL	1
<b>Barriers</b>			
16	ZZCH8598	NAUTICAL STERN BALCONY	1
<b>Climbers</b>			
17	ZZCH6816	TREE HOUSE CLIMBER (48in DECK)	1
18	ZZCH8597	NAUTICAL BOW /W STEEL CLIMBER	1
<b>Audible Activities</b>			
19	ZZCH4556	7in BELL (POST MOUNT)	1
20	ZZCH4558	9in BELL (POST MOUNT)	1
<b>Roofs &amp; Arches</b>			
21	ZZCH9607	PLAYWOOD EXTENDED PEAK ROOF	1
<b>Additional Tool &amp; Maintenance Kits</b>			
22	ZZCHGUID	CHALLENGER GUIDELINES	1
23	ZZUN9910	SURFACING WARNING LABEL KIT	1
24	ZZUN9935	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	1
25	ZZXX0049	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	1
26	ZZXX0109	EN-1176 LABEL	1
27	ZZXX0146	TELESCOPE EN PLUG KIT	1

# Ship to Shore

Design Number: IPL-1501A - Compliance and Technical Data

Reference Document: EN1176:2008

Ref. No.	Part No.	Qty.	Description	Unit EN Status	Total Weight (lbs)	Pre-Consumer Recycled Content (lbs)	Post-Consumer Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
1	ZZCH0028	4	3.5in OD x 136in STEEL POST W/ RIVETED CAP	Certified	174.04			234	0	4.00	0.50	0
2	ZZCH0217	6	3.5in OD x 156in SWAGED STEEL POST	Certified	472.86			381	0	3.00	0.75	0
3	ZZCH0618	2	1/2 HEX COATED DECK ASSEMBLY	Certified	156.64			504	8	3.00	0.00	0
4	ZZCH0629	1	LONG COATED DECK ASSEMBLY	Certified	107.02			318	6	1.00	0.00	0
5	ZZUN2290	4	COATED DECK TO DECK CONNECTION KIT	Certified	1.16			15	0	2.00	0.00	0
6	ZZCH2027	1	TRANSFER STATION (48in DECK)	Certified	254.26			492	3	2.50	0.09	0
7	ZZUN2019	1	APPROACH STEP FOR TRANSFER STATION	Certified	35.83			72	1	1.00	0.04	0
8	ZZCH8549	1	SLITHER SLIDE ENTRY/EXIT (NAUTICAL THEME)	Certified	83.64			586	2	2.00	0.03	1
9	ZZUN3208	2	SLITHER SLIDE 2.0 (RIGHT SECTION)	Certified	39.18			267	0	0.50	0.00	0
10	ZZCH4896	2	SLING SEAT	Certified	35.20			293	2	1.00	0.00	2
11	ZZCH8550	1	PORTHOLE PANEL (NAUTICAL THEME)	Certified	40.27			425	0	0.50	0.00	0
12	ZZCH8557	2	CANNON PANEL (NAUTICAL THEME) (DECK LEVEL)	Certified	87.02			924	4	1.00	0.00	2
13	ZZCH8560	1	SUNKEN TREASURE HUNT (GROUND LEVEL) (NAUTICAL THEME)	Certified	44.18			413	2	2.00	0.00	1
14	ZZCH8568	1	BRIG PANEL (NAUTICAL THEME) (GROUND LEVEL)	Certified	38.43			289	0	0.50	0.00	0
15	ZZCH8569	1	NAUTICAL WALK-THRU PANEL	Certified	29.30			287	2	0.25	0.00	1
16	ZZCH8598	1	NAUTICAL STERN BALCONY	Certified	167.49			1,150	2	3.00	0.00	1
17	ZZCH6816	1	TREE HOUSE CLIMBER (48in DECK)	Certified	96.24			636	2	2.00	0.06	1
18	ZZCH8597	1	NAUTICAL BOW /W STEEL CLIMBER	Certified	319.96			1,573	5	10.00	0.19	4
19	ZZCH4556	1	7in BELL (POST MOUNT)	Certified	4.61			41	1	0.25	0.00	1
20	ZZCH4558	1	9in BELL (POST MOUNT)	Certified	6.21			45	1	0.25	0.00	1
21	ZZCH9607	1	PLAYWOOD EXTENDED PEAK ROOF	Certified	316.13			353	0	4.00	0.00	0
22	ZZCHGUID	1	CHALLENGER GUIDELINES	N/A	0.00			1	0	0.25	0.00	0
23	ZZUN9910	1	SURFACING WARNING LABEL KIT	N/A	0.05			1	0	0.25	0.00	0



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24	ZZUN9935	1	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	N/A				57				
25	ZZXX0049	1	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	Certified	4.51			158	0	0.00	0.00	0
26	ZZXX0109	1	EN-1176 LABEL	Certified	0.01			0	0	0.50	0.00	0
27	ZZXX0146	1	TELESCOPE EN PLUG KIT	Certified				0	0	0.10	0.00	0
<b>Totals:</b>					<b>2,514.24</b>	<b>493</b>	<b>572</b>	<b>9,514</b>	<b>41</b>	<b>44.85</b>	<b>1.66</b>	<b>15</b>
					<b>1,131.41 Kg</b>	<b>222 Kg</b>	<b>257 Kg</b>	<b>10 Metric Tons</b>				<b>1.26 m3</b>



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## EN1176:2008

This custom structure, drawing number IPL-1501A, has been designed to meet the general safety requirements of EN1176:2008. These requirements have been established with the consideration of the risk factor on available data. The items listed as certified have been reviewed and approved by a third party certification service. In addition to the product listing the overall layout and design of this structure, as shown in the plan, was completed in accordance with the general safety requirements of EN1176:2008.

## Installation Times

Installation times are based on one experienced installer. A crew of three experienced individuals can perform the installation within the given time, each member working 1/3 of the given hours. [E.g. Installation Time = 30 hours. For a crew of three, each member will work 10 hours on the installation for a total of 30 hours on the project.]

## Carbon Footprint

The CO2e (carbon footprint given in Kilograms and Metric Tons) listed above is a measure of the environmental impact this play structure represents from harvesting raw materials to the time it leaves our shipping dock. Playworld Systems nurtures a total corporate culture that is focused on eliminating carbon producing processes and products, reducing our use of precious raw materials, reusing materials whenever possible and recycling materials at every opportunity. Playworld Systems elected to adopt the Publicly Available Specification; PAS 2050 as published by the British Standards Institute and sponsored by Defra and the Carbon Trust. The PAS 2050 has gained international acceptance as a specification that measures the greenhouse gas emissions in services and goods throughout their entire life cycle.

## Pre-Consumer Recycle Content

A measurement, in pounds, that qualifies the amount of material that was captured as waste and diverted from landfill during an initial manufacturing process and is being redirected to a separate manufacturing process to become a different product. E.g. 100% of our Aluminum Tubing is made from captured waste material during the manufacturing process of extruded Aluminum products such as rods, flat bars and H-channels.

## Post-Consumer Recycle Content

A measurement, in pounds, that qualifies the amount of material that was once another product that has completed its lifecycle and has been diverted from a landfill as a solid waste through recycling and is now being used in a Playworld Systems' product. E.g. \*\*20% to 40% of the steel in our steel tubing and sheet steel have been diverted from landfills. Automobiles are scrapped and recyclable steel is purchased by the steel mill that produces our raw product.

\*\* The amount of Post-Consumer recycled steel fluctuates daily based on the availability of the recycled steel.

