# Titanic’s End Production Specifications

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| Project | [Titanic’s End](https://www.titanicsend.com/) (referred to as TE throughout)  A party-giving LED-laden iceberg built on a stepdeck trailer, complete with sound, lights, and lasers. |
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| Trailers Logistics | **Trailers: 5x total trailers as follows:**   * 1x 48' Step Deck Semi - TE Base Vehicle * 1x 40' Flat Deck Gooseneck Trailer * 2x 40' Dovetail Gooseneck Trailers * 1x 48’ Enclosed Semi Trailer * Trailers are unpacked as the build progresses, not immediately upon arrival. |
| Dimensions and Weights | **Dimensions and Weights:**  **Titanics End**   * **Titanics End Fully Assembled Car Dimensions:**   + 36' tall   + ~16 feet wide   + ~67' long * **Minimum Door Dimensions:**   + **Height:** Must be greater than **13’6”** (likely for accommodating tall vehicles such as semi-trailers).   + **Width:** Must be greater than **102” (8’6”)** (standard width for large trucks or containers). * **Indoor Clearance:**   + **Minimum Height Between Ceiling Spans:** Greater than **36’** (this likely means that unobstructed sections between structural spans should allow for large vertical clearances).   + **Flexible Accommodations:** Titanic’s End can work with **lower spans in certain circumstances**, as long as there is an area **above 36’ between them** to fit specific requirements. * **TE Weight fully assembled**   + ~46,000lbs assembled weight   **Mothership:** |
|  | * Mothership Assemble Dimensions   + Height: 22ft 2in   + Length:     - 20ft without ramp,     - 23ft including lowered access ramp * Mothership Assembled Weight   + ~26,000lbs assembled weight * Notes   + Track Composition: Rubber   + Ground Pressure: Maximum 12 psi on very hard surfaces, Minimum of 4 psi on soft surfaces   + A standard passenger car is 30+ psi |
| Build & Strike schedules | **BUILD**   * Build Timeline is 3-4 working days after all trailers and equipment are onsite   **STRIKE**   * Strike is 3 working days after other vendors and infrastructure is cleared for T.E. strike to begin   **Accelerated Timeline Note:**   * If necessary build and strike can be performed by 2x teams on 2 shifts * Build 1.5-2 days * Strike 2 day * There is an increased cost TBD for accelerated build and strike upon request |
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| Heavy Equipment | **1x 12k Vertical Reach Forklift**   * Needed for the duration of build and strike   **1x 5k Vertical Reach Forklift**  ***(Occasional Access)***   * OPTIONAL - this allows the 12k to be freed up for other site needs, with access build time can be reduced   **1x Articulating boom lift**  ***(Occasional Access)***   * 45’ articulating boom is needed for the assembly of the peak and installation of lasers, 45’ up 15’ out |
| Build Site Needs | * 1x crew office for Team use during build, event and strike as close the site as possible * Access to bathrooms to accommodate 10 people within 100 feet of the build site * Water and Ice for 10 people stocked daily * 2x 15 amp 110-120vac circuits * 2x light towers |
| Electrical supply | *Connection provided by event power vendor:*  1x sets of 3 phase camlock with T connectors (1x 200 amp service)  Or 2x sets 3 phase camlock (2x 100 amp services)  Total draw 200 amps  Titanic’s End has an onboard generator that can be used in some rare cases. Please inquire if you think this is necessary. |
| Front of House | **FOH Control area**  Titanic’s End Lighting Control requirements:   * 8’ of space for a roll in control case * 2x 15 amp power drops * Cooler with ice and water * Clear central view to stage * Cable ramps/Cable run from FOH to Stage * 2x Cat6 cables from TE location to FOH location * Connectivity to any outside production vendors TBD based on overall event plan (xlr, ethernet etc)   ***Alternate FOH: Mothership Art Car*** |
| Audio/Lights | **Audio**  **Titanic's End will provide**   * 4x BC218 Danley Subs * 4x BC412 Danley Mid Subs * 2x J3-94 Danley Tops * 4x SH95HO Side Fills and Down Fills * 2x TH118 DJ Monitor Subs * 2x SH46 DJ Monitor Tops   **LED system**   * Custom Built 5v LED system with ~140k LEDs * Software controlled by custom 3D-mapped LED control software * Music Responsive (And can respond to other inputs) * Live playable by VJ during performances   3D-mapped volumetric installation comprised of:   * 205 custom linear fixtures outlining the iceberg’s polyhedra mesh * 68 custom triangular panel displays * 140,000 12-bit HDR pixels (46 kW) driven at 70 FPS   **Lasers**   * 4x Spectrum 33’s and associated hardware * 8x Clubmax 6000’s and associated hardware |
| Shipping Details | **Shipping:**   * Trailer 1: "TE Main"   + 48' Transcraft Step Deck trailer,   + Semi Tractor Pull, ~36,000 lbs ,   + height: 13' 6" * Trailer 2: "Module Trailer"   + 40' Lamar Gooseneck,   + Hot Shot Trailer, ~13,000 lbs,   + height: 13' * Trailer 3: "Module Trailer"   + 44' Ironbull Gooseneck,   + Hot Shot Trailer, ~15,000 lbs,   + height: 13' * Trailer 4: "Bridge Trailer"   + 40' PJTM Gooseneck,   + Hot Shot Trailer, ~12,000 lbs,   + height: 12' 6" * Trailer 5: "Tool Trailer"   + 48' Dry Van Trailer,   + Semi Tractor Pull, ~28,000 lbs,   + height: 13' 6" * Trailer 6: "Mothership"   + 53' RGN Minideck Lowboy,   + \*\*Heavy Haul Semi Tractor Pull Only\*\*, ~34,000 lbs,   + height: 13' 6"   ***Notes:***   * **Trailer 1:**    + This trailer is made up of welded steel frame construction that is bolted to the trailer. The Straps seen in the photograph are not securing the load down, but instead there to hold a few hinged components from swinging during transit, or in some cases to secure small loads ontop of the main constructions. * **Trailers 2, 3 and 4:**    + These trailers are hot shot, goosenecks- they are loaded with large steel assemblies of very strange shapes. Each assembly is individually strapped down, and then the loads are covered with heavy duty load tarps. * **Trailer 5:**    + Tools, Hardware and Production goods secured with straps and load bars in a dry van with a lift gate- Nothing unusual here. * **Trailer 6:**    + This trailer must be towed by a Heavy Haul Semi Tractor in order to accommodate the appropriate ride height of the mini deck. Attached to a standard over the road tractor, the deck will not have sufficient clearance for transit. |