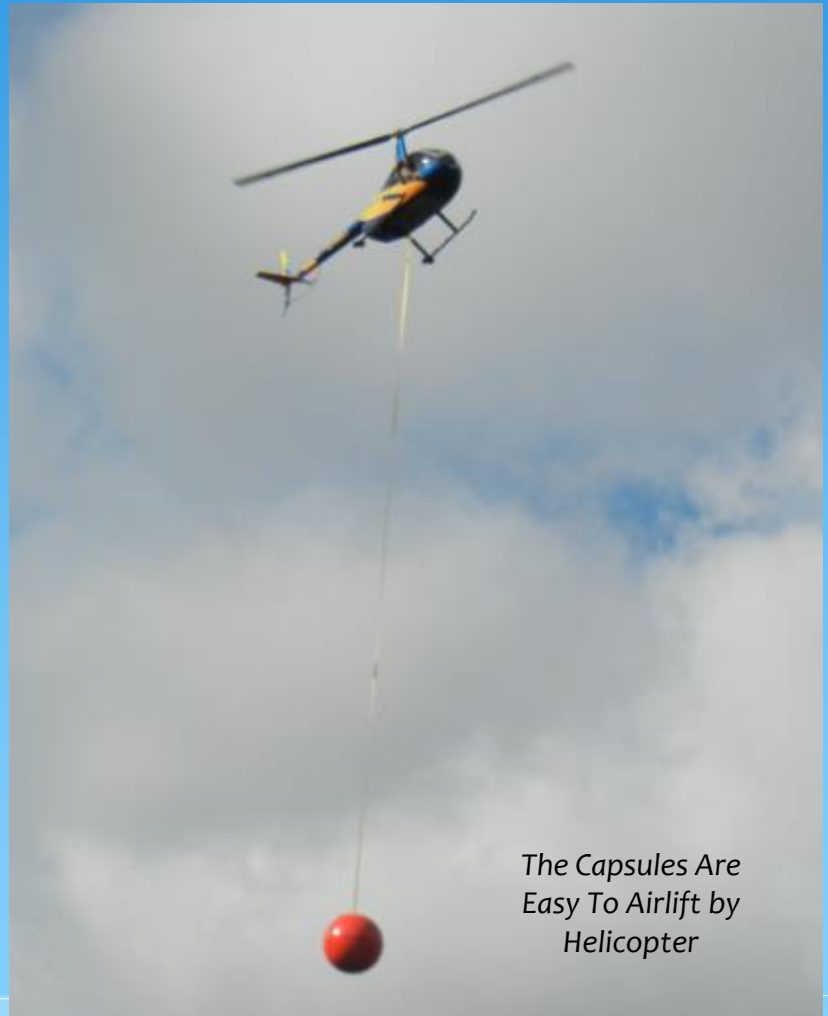
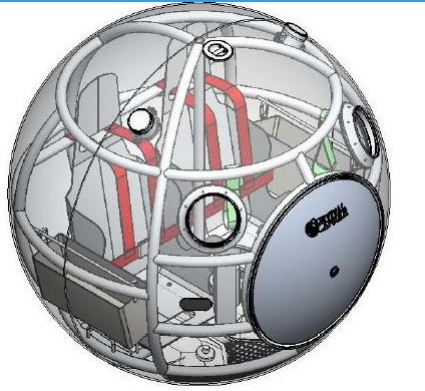




An Effective and Reliable Personnel Safety System



The Capsules Are
Easy To Airlift by
Helicopter

*Survival Capsule:
"Designed for Easy Access
Designed to Save Lives"*



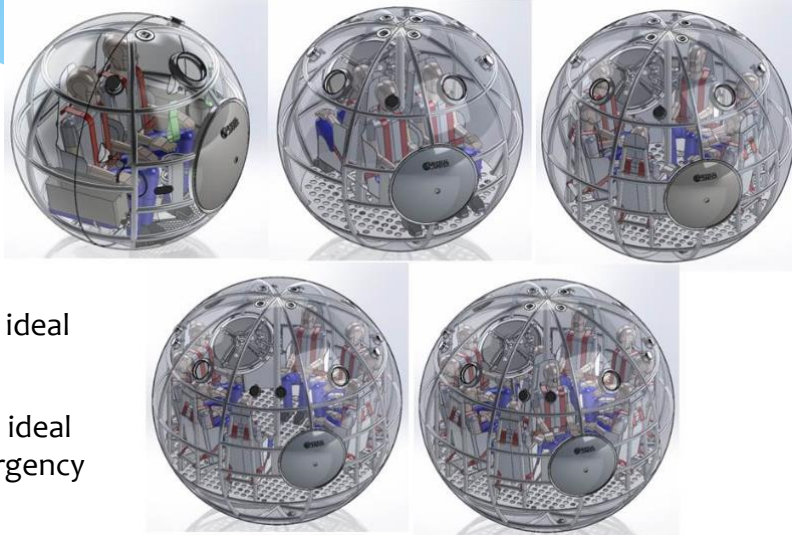


Five Capsule Models – 2, 4, 6, 8 & 10

The Tsunami Capsule is a highly-accessible, personal Safety System designed for people living in coastal communities who do not have the option of Vertical or Horizontal evacuation either because there is insufficient time, disability, age, parent with young children, or other reasons.

The smaller capsules (2 & 4 person) are ideal for private dwellings.

The larger capsules (6, 8, 10 person) are ideal for Schools, Hospitals, Businesses, Emergency Services (Fire, Police, Medical etc.)



MODEL NUMBER	CAPSULE FAMILY	CAPACITY (Number of People)	DIAMETER (feet/meter)	MATERIAL	NUMBER OF DOORS	Seating	STANDARD EQUIPMENT	TARGET MARKET	TESTING	INSTALLATION
SC2001		2	4.5 / 1.37	Aircraft Grade Aluminum Shell: 5052 Frame: 6061	1		AIR SUPPLY GPS STORAGE SAFETY SEATS WATER TANK	DOMESTIC	Grade I	Garden Balcony Roof In Home
SC4001		4	6.0 / 1.83	Aircraft Grade Aluminum Shell: 5052 Frame: 6061	1		AIR SUPPLY GPS STORAGE SAFETY SEATS WATER TANK	DOMESTIC	Grade I	Garden Balcony Roof
SC6001		6	7.0 / 2.13	Aircraft Grade Aluminum Shell: 5052 Frame: 6061	2		AIR SUPPLY GPS STORAGE SAFETY SEATS WATER TANK	DOMESTIC / COMMERCIAL	Grade II	Yard Parking Lot Roof
SC8001		8	8.0 / 2.44	Aircraft Grade Aluminum Shell: 5052 Frame: 6061	2		AIR SUPPLY GPS STORAGE SAFETY SEATS WATER TANK	COMMERCIAL	Grade ii	Yard Parking Lot Roof
SC10001		10	8.0 / 2.44	Aircraft Grade Aluminum Shell: 5052 Frame: 6061	2		AIR SUPPLY GPS STORAGE SAFETY SEATS WATER TANK	COMMERCIAL	Grade II	Yard Parking Lot Roof

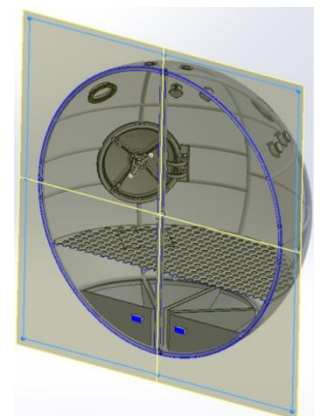
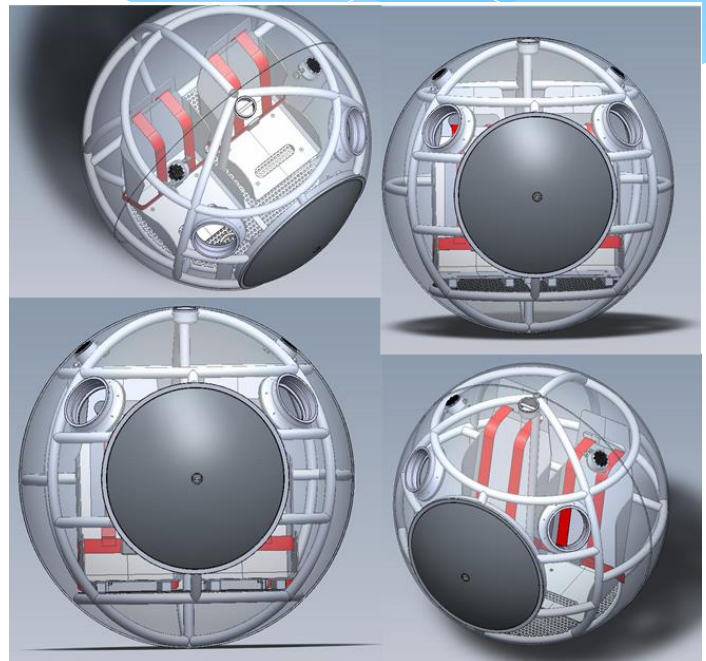


The Capsule Structure



The Capsules consist of an Internal Tubular Frame Structure to which all internal components and systems are attached.

The Outer Shell is then attached to the Structural frame in such a way that they simulate the Aircraft Structural concept. The Frames and Outer Shell are self-supporting and work as a single system just like an Aircraft Fuselage or Wing.





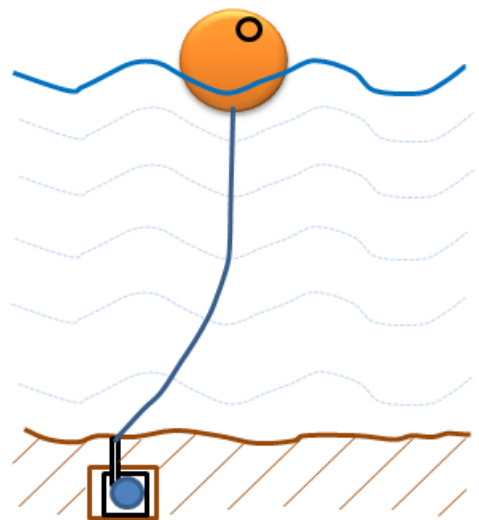
The Survival Capsules come with many different features, some standard (considered basic equipment), others considered more optional extras:

Standard Features:-

- Safety Seating
- Four Point Harness Straps
- Head Restraint Support
- Solid Water Tight Marine Door (opens from inside and outside)
- Storage Space (Sufficient for 5 day's supply per person)
- Multiple counter sunk Hoisting Points
- Water Storage (Bladder or Tank)
- GPS (Global Positioning System)
- Marine Standard Window
- Basic Internal Light
- Air Ventilation Vents
- Capsule Storage Stand
- Basic Color Option (High Visibility)

Optional Features:-

- Additional Storage
- Air Supply Tanks (One for each Occupant)
- Solar Panel Array
- Color Options
- Additional Internal Insulation (Acoustic & Thermal)
- Dry Powder Seat Toilet
- Additional Internal Lighting
- Ground, Roof Top Tether System
- Multiple Capsule Stacking System
- Surround Sound Music System



VARIABLE SYSTEM – TETHERED CAPSULE

The Tethered Capsule is a VARIABLE solution because the tether and winch allow the capsule to follow water levels.



Capsules Feature Thermal Protection Insulation from Fires

SURVIVAL CAPSULE™

Capsule Features and Installation



Flat Rooftop Mounted Capsules

● サバイバルカプセルの主な特徴

内側ハッチ付の換気口 (左右 2箇所)

優れた耐衝撃性と耐熱性を
持った厚さ 9.5mm の
Lexan 樹脂製の窓

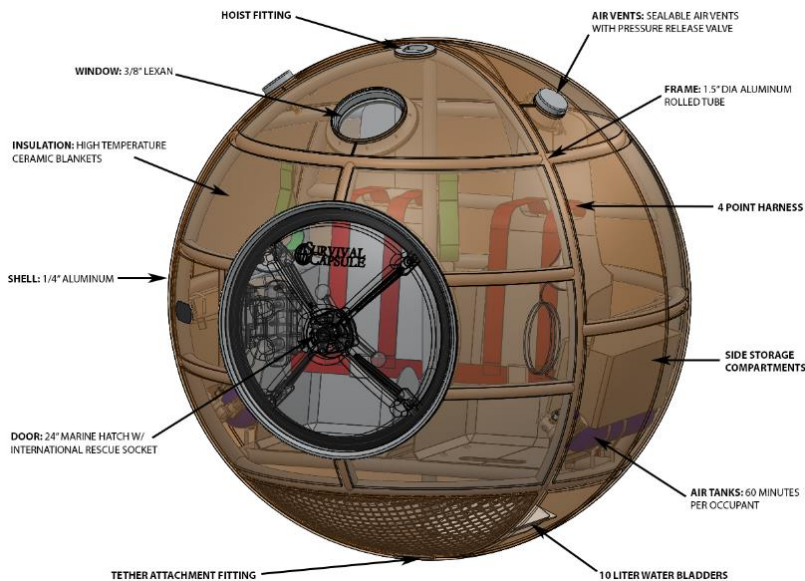
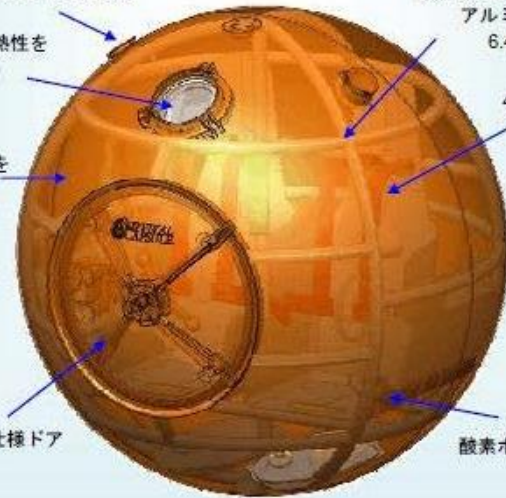
内壁の断熱材が乗員を
外部の熱から保護

4点固定式のマリン仕様ドア

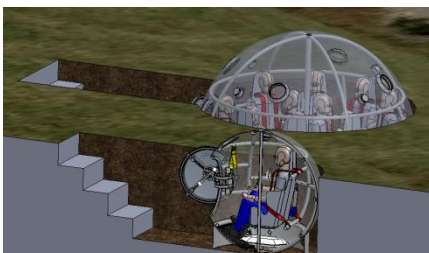
航空機にも使用されるタイプの
アルミ製フレームと、厚さ
6.4mm のアルミ製外殻

4点式シートベルト付
バケット式シート

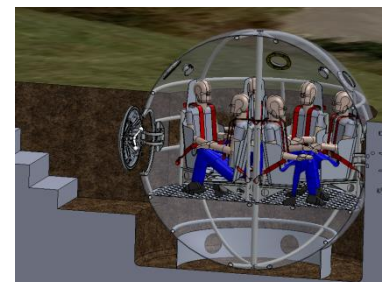
オプションで
酸素ボンベ 2本を搭載可能



A safe haven with capacity for 200 people is the same as 34 six (6) person capsules – however access to the capsules is much more direct and efficient.



Installation for Typhoon & Tidal Surge Protection





Testing & Certification

The Capsule was designed with specific load cases in mind – just as an Aircraft would be.

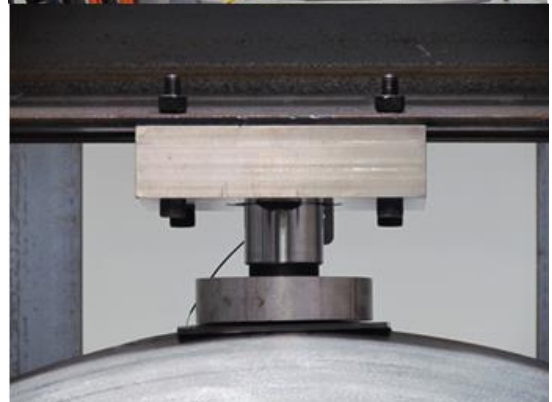
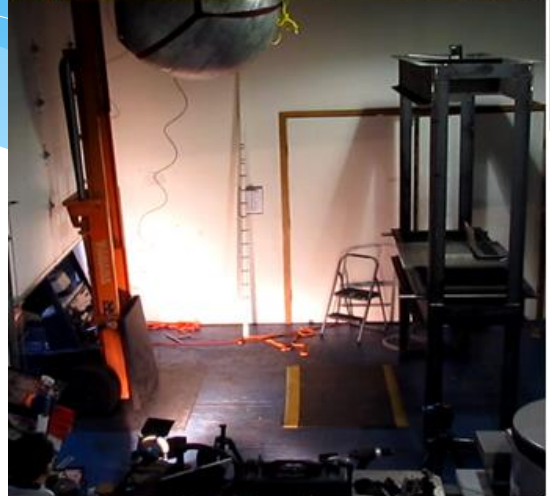
The Capsule was analyzed for Structural Integrity based on these load cases using a combination of Hand Stress Calculations and Finite Element Modeling.

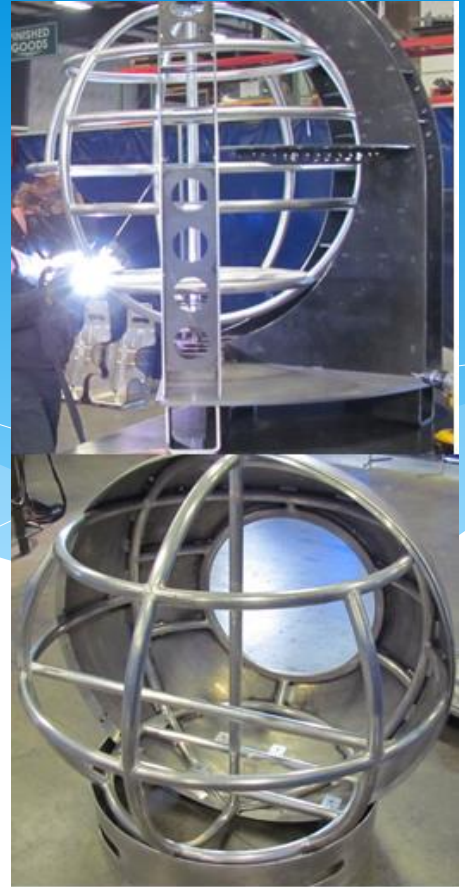
The Capsule Test Prototype (Cap II) was structurally tested to these load cases at an Aerospace Structural Test Laboratory in Seattle.

The results from the Test were correlated against the analysis results to within 10%.

Types of Testing Conducted:

- High Compression Loading
- Drop Test for Impact simulation
- Sharp Object Penetration
- Dynamic Impact Test
- Large Object Impact
- Thermal Flame Testing
- Water Tight Testing
- Door Abuse Testing
- Seat Retention Testing
- Buoyancy Testing





CONTACT INFORMATION

**MARKETING, SALES,
ENGINEERING & RESEARCH**

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