CLAIMS

What is claimed is:

1. An apparatus containing a collapsible marine riser fairing for semi-permanent attachment to a marine riser comprising:

a storage system containing collapsible fairing members having retractable components for retracting into and being deployed from the storage system, wherein the storage system is fully contained on the riser;

the storage system including members for semi-permanently attaching the storage system to a riser ~~or a storage system module for semi-permanently attaching the fairing within a portion of the riser in which the storage system module is contained within vertical boundaries of the riser~~;

wherein the storage system allows for rotation of the fairing about a vertical axis of the riser.

2. The apparatus of claim 1, wherein the storage system is a storage box.

3. The apparatus of claim1, wherein the storage system members comprises low friction attachment straps for attaching the storage system to the riser.

4. An apparatus containing a collapsible marine rise fairing for semi-permanent attachment to a marine riser comprising:

a storage system containing collapsible fairing member having retractable components for retracting into and being deployed from the storage space system, wherein the storage system is fully contained on the riser;

the storage system including a storage system module for semi-permanently attaching the fairing within a portion of the riser in

which the storage system module is contained within vertical boundaries of the riser.

45. The apparatus of claim ~~14~~, wherein the storage system module is contained within a space in a buoyancy joint or an encapsulated joint of the riser.

~~5~~6. The apparatus of claim 1, wherein the retractable components of the fairing members comprises interlocking panels that fold into the storage system and form a pyramid type shape when deployed.

~~6~~7. The apparatus of claim ~~5~~6, wherein the interlocking panels include locking studs.

~~7~~8. The apparatus of claim ~~5~~6, wherein additional material is attached to the outside of the members to provide a smooth foil upon deployment of the members.

~~8~~9. The apparatus of claim 1, wherein the retractable components of the fairing members comprise foldable sections.

910. The apparatus of claim 89, wherein the foldable sections are adapted to collapse to a map fold.

1011. The apparatus of claim 89, wherein the foldable sections are adapted to collapse to an accordion fold.

1112. The apparatus of claim 1, wherein the storage system further comprises a deployment mechanism for deploying the collapsible fairing from the storagesystem.

1213. The apparatus of claim 1112, wherein the deployment mechanism is a scissor jack.

1314. The apparatus of claim 1, wherein a member of the collapsible fairing comprises a wing section.

1415. The apparatus of claim 1314, wherein the retractable components of the fairing members comprise two wings sections that are spaced apart and attached within thestorage system.

1516. The apparatus of 1415, wherein malleable material is attached to and between the two wing sections and is adapted to form a smooth foil when the collapsible fairing is deployed.

1617. The apparatus of claim 45, wherein the storage system module is fully contained within the buoyancy joint space or within the encapsulated joint of the riser.