CLAIMS:

1. A support frame for a refrigeration unit of a refrigerated cargo container comprising:

two layers of composite material;

a metal stiffener member disposed between the two layers of composite material;

least one layer of thermally insulative material secured thereto, the support frame including at least one recessed pocket receptive of and supportive of one or more components of the refrigeration unit and thermally insulative of a cargo portion of the cargo container.

2. The support frame as claimed in Claim 1, wherein the support frame includes the two layers of composite material with the at least one layer of insulative foam material disposed therebetween.

3. The support frame as claimed in Claim 1 or Claim 2, wherein the support frame is formed by one of vacuum infusion, resin transfer molding or lite resin transfer molding.

4. The support frame as claimed in Claim 1 or Claim 2, wherein at least one layer of composite material is formed via compression molding using sheet molding compound.

5. The support frame as claimed in Claim 1, wherein the stiffener member is formed from an aluminum material.

6. The support frame as claimed in any one of the preceding Claims, wherein at least one layer of composite material is a fiber reinforced polymer matrix composite material.

7. A refrigerated cargo container comprising:

a cargo container; and

a refrigeration unit including the support frame as claimed in any one of the preceding claims, the support frame being formed from two layers of composite material and at least one layer of insulative foam material.

8. The refrigerated cargo container as claimed in Claim 7, wherein the support frame is disposed at a first end of the refrigerated cargo container.