~~CLAIMS~~ What is claimed is:

1. A system, comprising:

a base comprising a pedestal;

equipment comprising an antenna array; and

a mounting structure to movably secure the equipment to the base, wherein the mounting structure comprises;

a first arm having a first stiffness, wherein the first arm comprises a flex region configured to deflect in response to a thermal mismatch between the pedestal and the antenna array; and

a second arm having a second stiffness, wherein the first stiffness is less than the second stiffness in at least one degree of freedom.

2. The system according to claim 1, wherein the ~~base comprises a~~ pedestal and the ~~equipment comprises an~~ mounting structure are configured to move the antenna array from a stowed position to a deployed position by pivoting the antenna array about an elevation axis.

~~3. The system according to claim 2, wherein the pedestal and the mounting structure are configured to move the antenna array from a stowed position to a deployed position by pivoting the antenna array about an elevation axis.~~

~~4.~~ 3. The system according to claim ~~3~~ 2, wherein the at least one degree of freedom comprises translation movement along the elevation axis or an axis parallel to the elevation axis.

~~5.~~ 4. The system according to claim ~~4~~ 3, wherein the ~~first arm comprises a~~ flex region is configured to flex in response to lateral loading.

~~6.~~ 5. The system according to claim ~~5~~ 4, wherein the flex region has a thickness that is less than a thickness of adjacent areas of the first arm.

~~7.~~ 6. The system according to claim ~~6~~ 5, wherein a length of the flex region is at least ten times the thickness of the flex region.

~~8. The system according to claim 7, wherein the flex region deflects in response to a thermal mismatch between the pedestal and the antenna array.~~

~~9.~~ 7. The system according to claim ~~8~~ 6, wherein reaction forces at mountings of the mounting structure due to an externally applied lateral load condition are unequally distributed between a first side and second side.

~~10.~~ 8. The system according to claim ~~8~~ 6, wherein reaction forces at the mountings of the mounting structure due to a thermal expansion or contraction load condition are equally distributed between a first side and second side.

~~11.~~ 9. A method, comprising:

movably securing equipment, wherein the equipment comprises an antenna array, to a base, wherein the base comprises a pedestal, with a mounting structure, wherein the mounting structure comprises;

a first arm having a first stiffness, wherein the first arm comprises a flex region configured to deflect in response to a thermal mismatch between the pedestal and the antenna array;

a second arm having a second stiffness, wherein the first stiffness is less than the second stiffness in at least one degree of freedom.

~~12. The method according to claim 11, wherein the base comprises a pedestal and the equipment comprises an antenna array.~~

~~13.~~ 10. The method according to claim ~~12~~ 9, wherein the pedestal and the mounting structure are configured to move the antenna array from a stowed position to a deployed position by pivoting the antenna array about an elevation axis.

~~14.~~ 11. The method according to claim ~~13~~ 10, wherein the at least one degree of freedom comprises translation movement along the elevation axis or an axis parallel to the elevation axis.

~~15.~~ 12. The method according to claim ~~14~~ 11, wherein the ~~first arm comprises a~~ flex region is configured to flex in response to lateral loading.

~~16.~~ 13. The method according to claim ~~15~~ 12, wherein the flex region has a thickness that is less than a thickness of adjacent areas of the first arm.

~~17.~~ 14. The method according to claim ~~16~~ 13, wherein a length of the flex region is at least ten times the thickness of the flex region.

~~18. The method according to claim 17, wherein the flex region deflects in response to a thermal mismatch between the pedestal and the antenna array.~~

~~19.~~ 15. The method according to claim ~~18~~ 14, wherein reaction forces at mountings of the mounting structure due to an externally applied lateral load condition are unequally distributed between a first side and second side.

~~20.~~ 16. The method according to claim ~~18~~ 14, wherein reaction forces at the mountings of the mounting structure due to a thermal expansion or contraction load condition are equally distributed between a first side and second side.