







Figure5. The force bearing frame of baseplate

#### IV. CONCLUSIONS AND RECOMMENDATIONS

And the development and launch of the satellite system long guide and cycle time caused by the restrictive environment of the techniques and strategies to track response deployment capability, modular technology to ensure that demand performance of the module as spares at any time take, when required, within a few days, they quickly assembled and launched to respond to the crisis. Truss structure proposed in this paper can achieve the standardization of the module interface, ball joints can also improve the flexibility of module extensions can complete the modular design of the satellite, and

ultimately for mass production, reduce costs significantly, shorten the development cycle. However, the detailed design of the entire truss structure and structural optimization work remains to be depth.

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