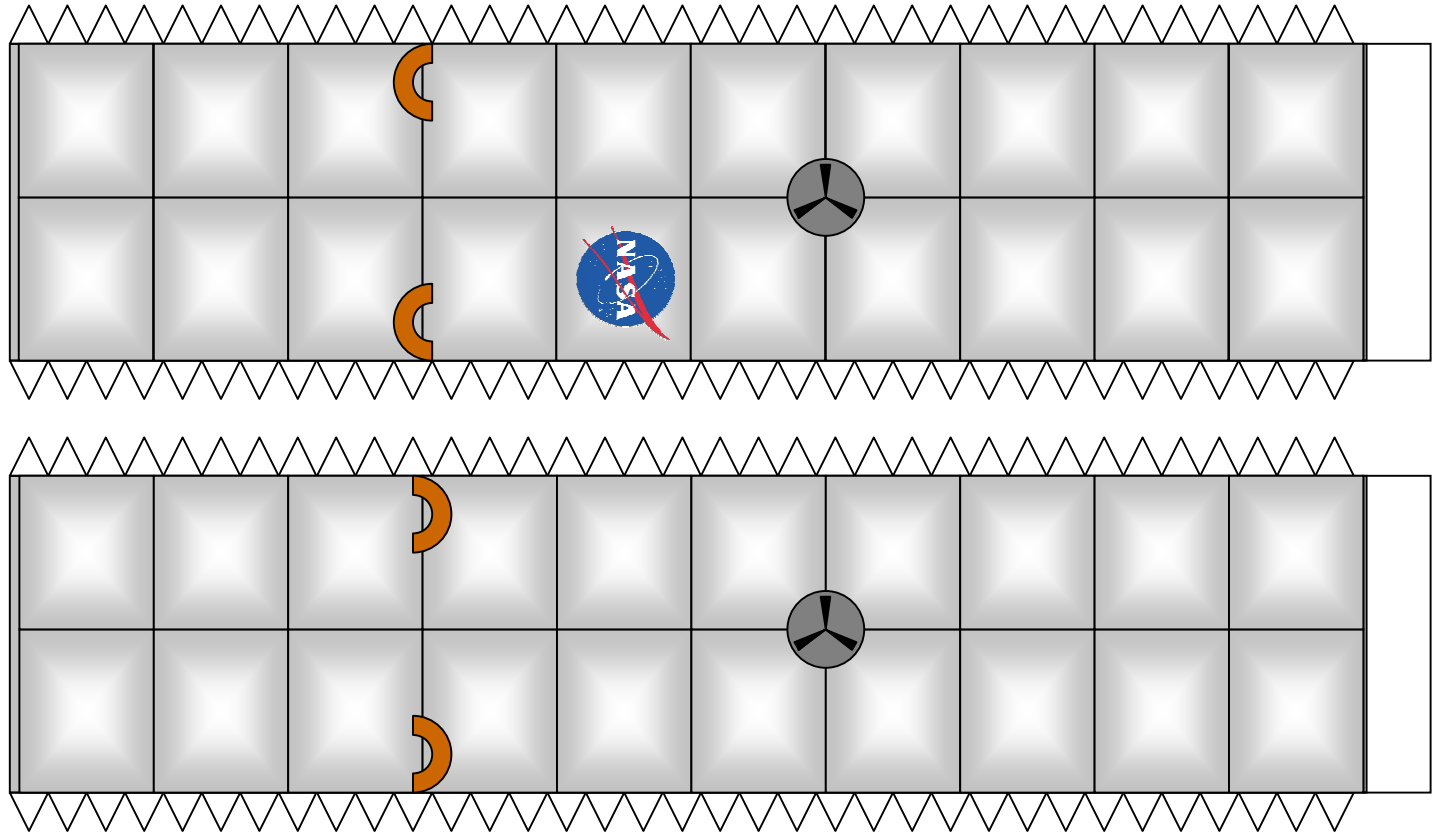
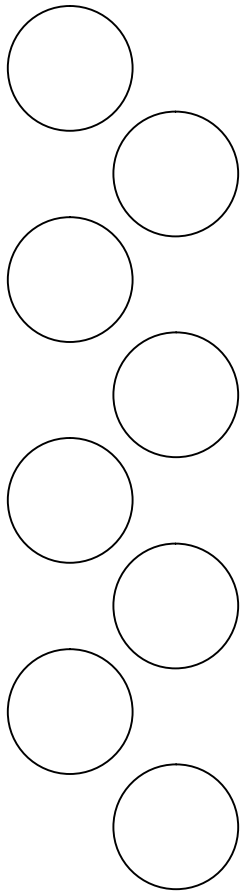
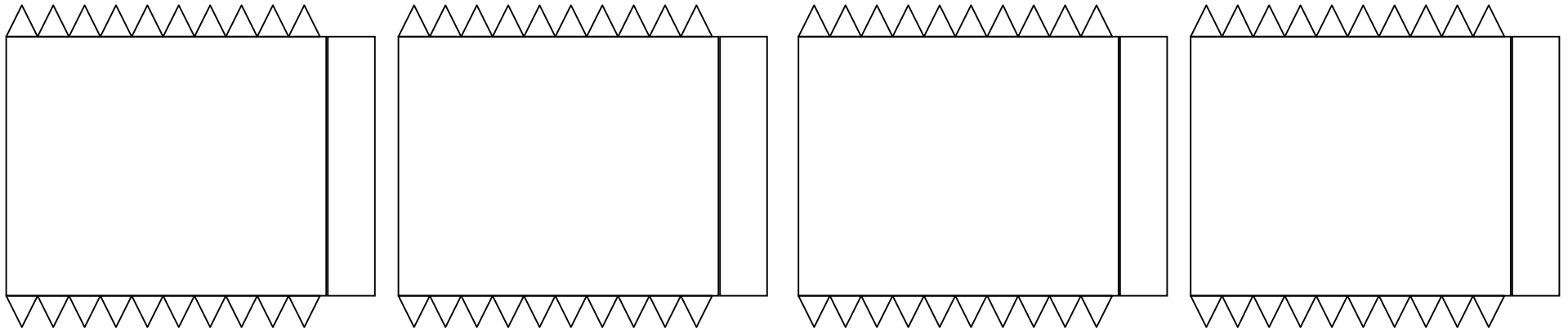


NODE – airlock

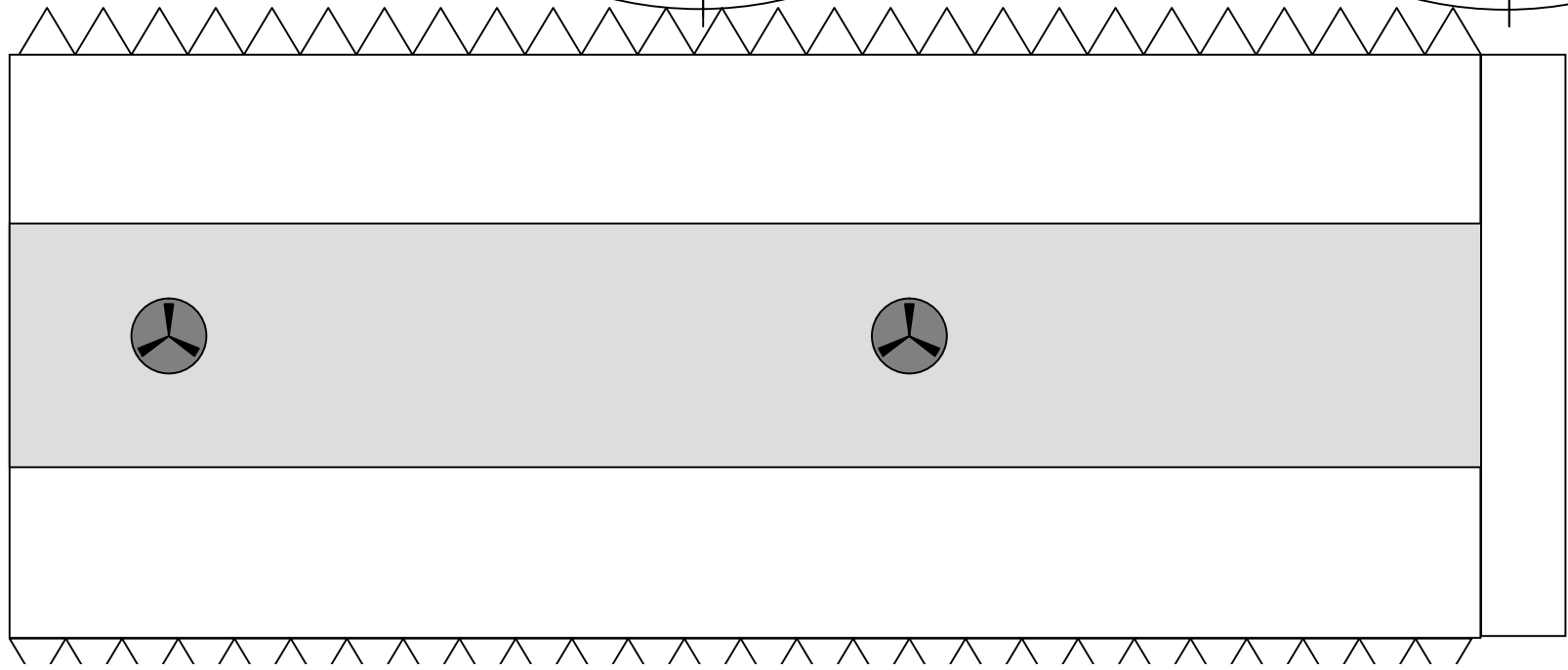
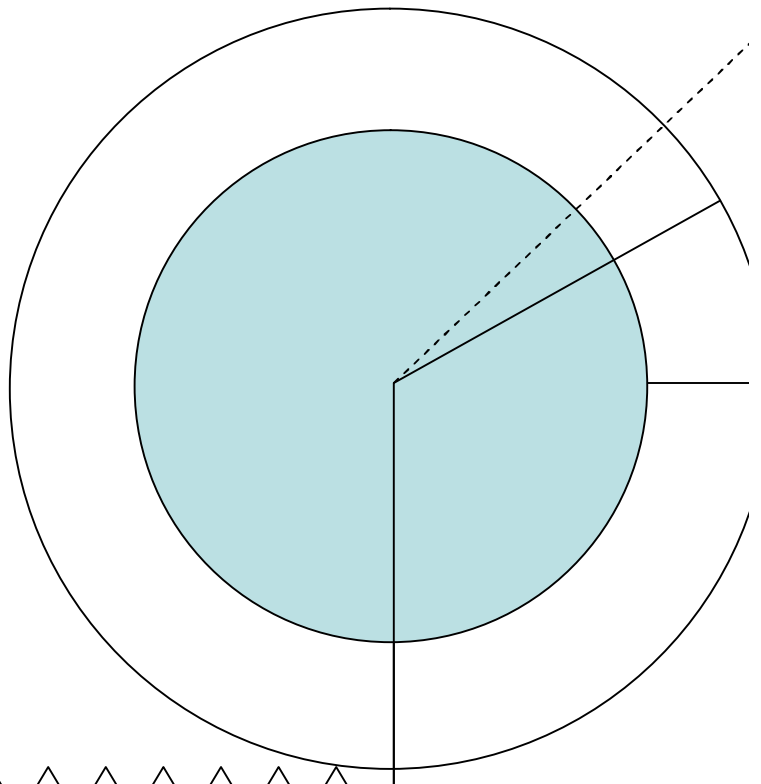
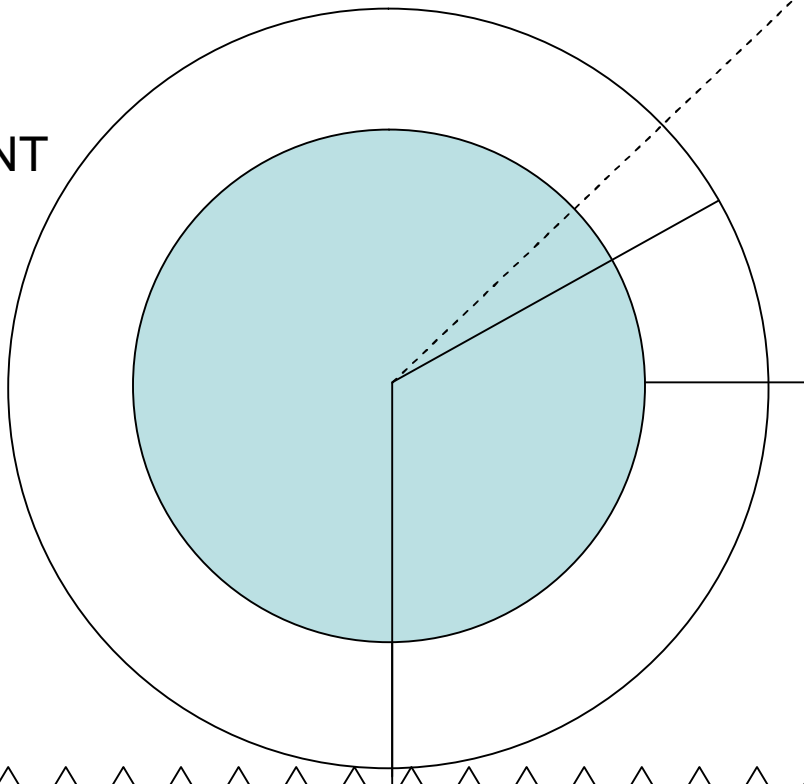
SIDE BAND



GAS CANNISTERS (4)



PIRS
DOCKING
COMPARTMENT



FGB/UDM

Zarya (use radiator array)

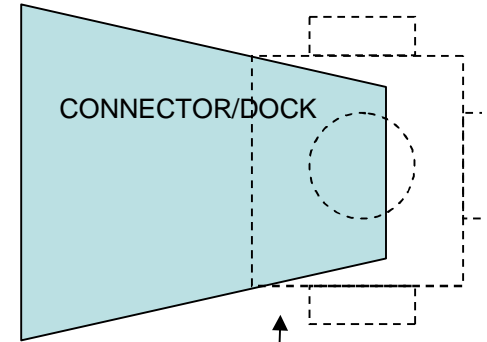
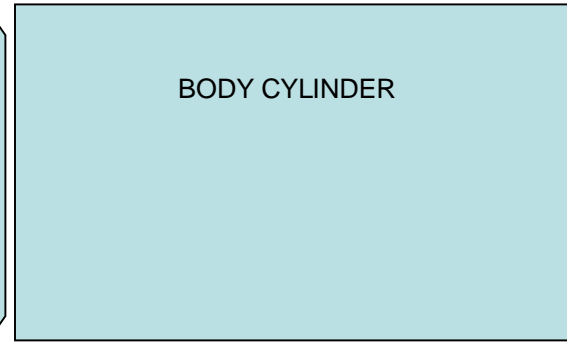
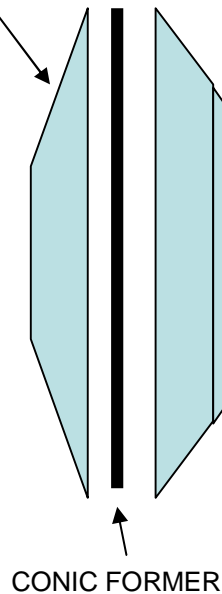
Research Module

(RM has two solar arrays set at 90 degree angle, no radiator, only aft set of narrow equipment boxes)

AFT TRANSITION CONES

NARROW EQUIPMENT CABINETS

WIDE EQUIPMENT CABINETS



SEE NASA WEB SITE FOR DETAILS ON POSITIONING OF EQUIPMENT BOXES, RADIATOR, AND SOLAR PANELS.

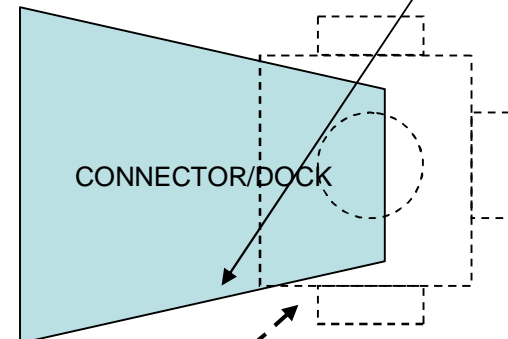
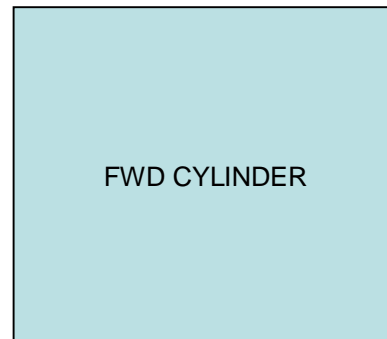
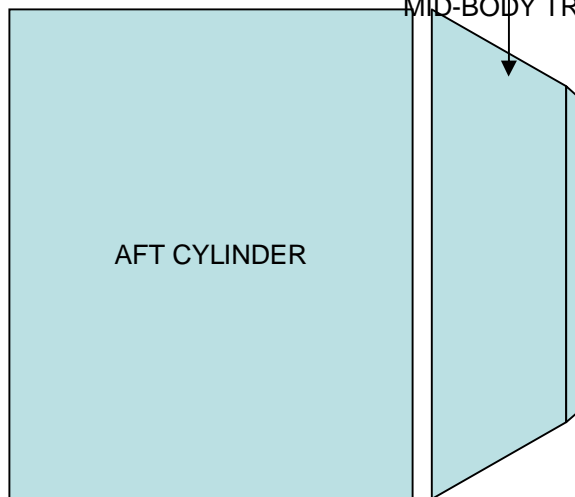
SERVICE MODULE

Zvezda

Multipurpose Lab Module

CONIC FORMER

AFT CAP

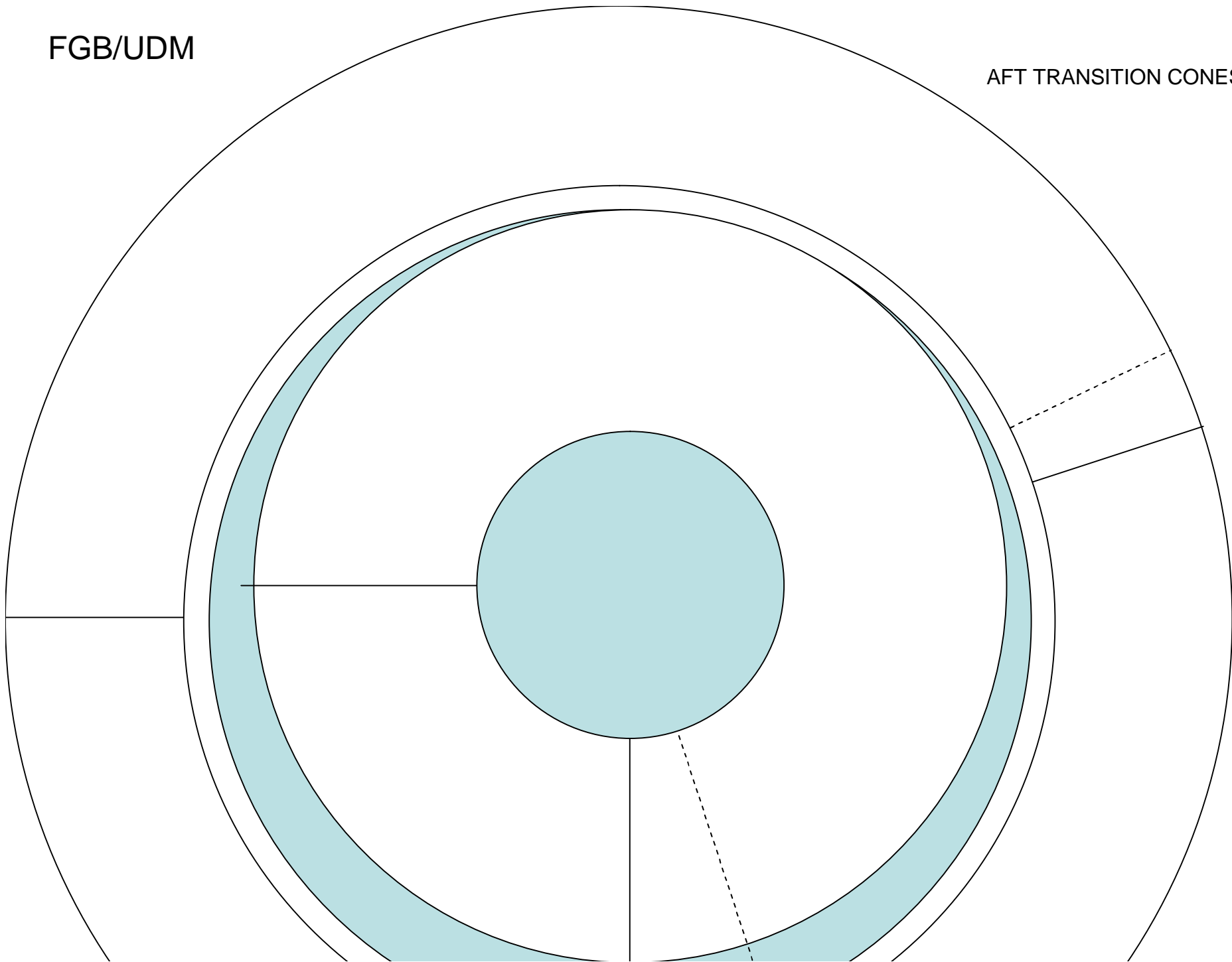


Cut out circular opening to attach docked spacecraft or modules. Use slip-fit cylinders to form attachments.

Detailed airlock if used. Use on second set of modules mounted below station, not on main spine. If used on spine modules, enlarge end cap hole to fit armature.

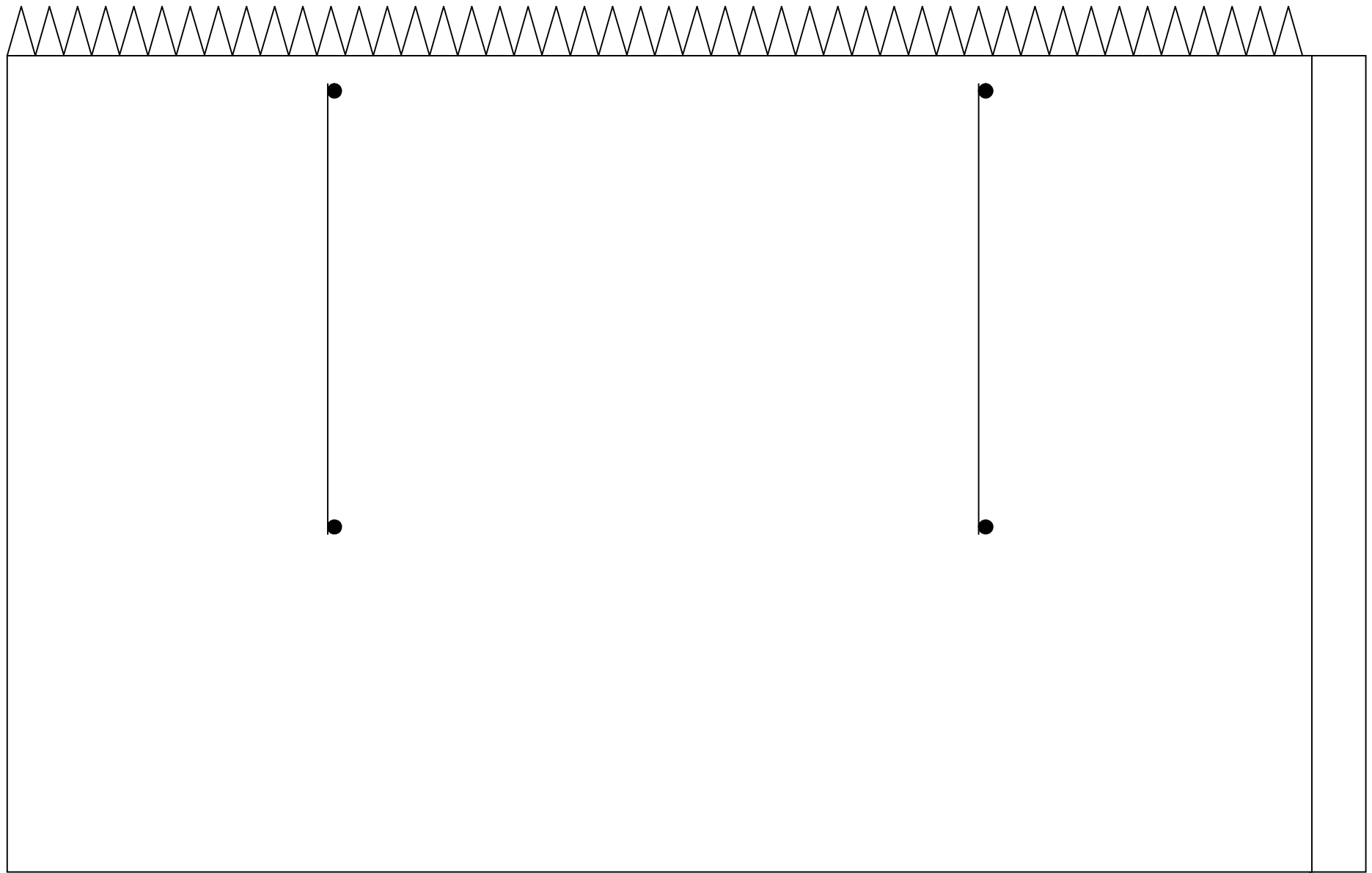
FGB/UDM

AFT TRANSITION CONES



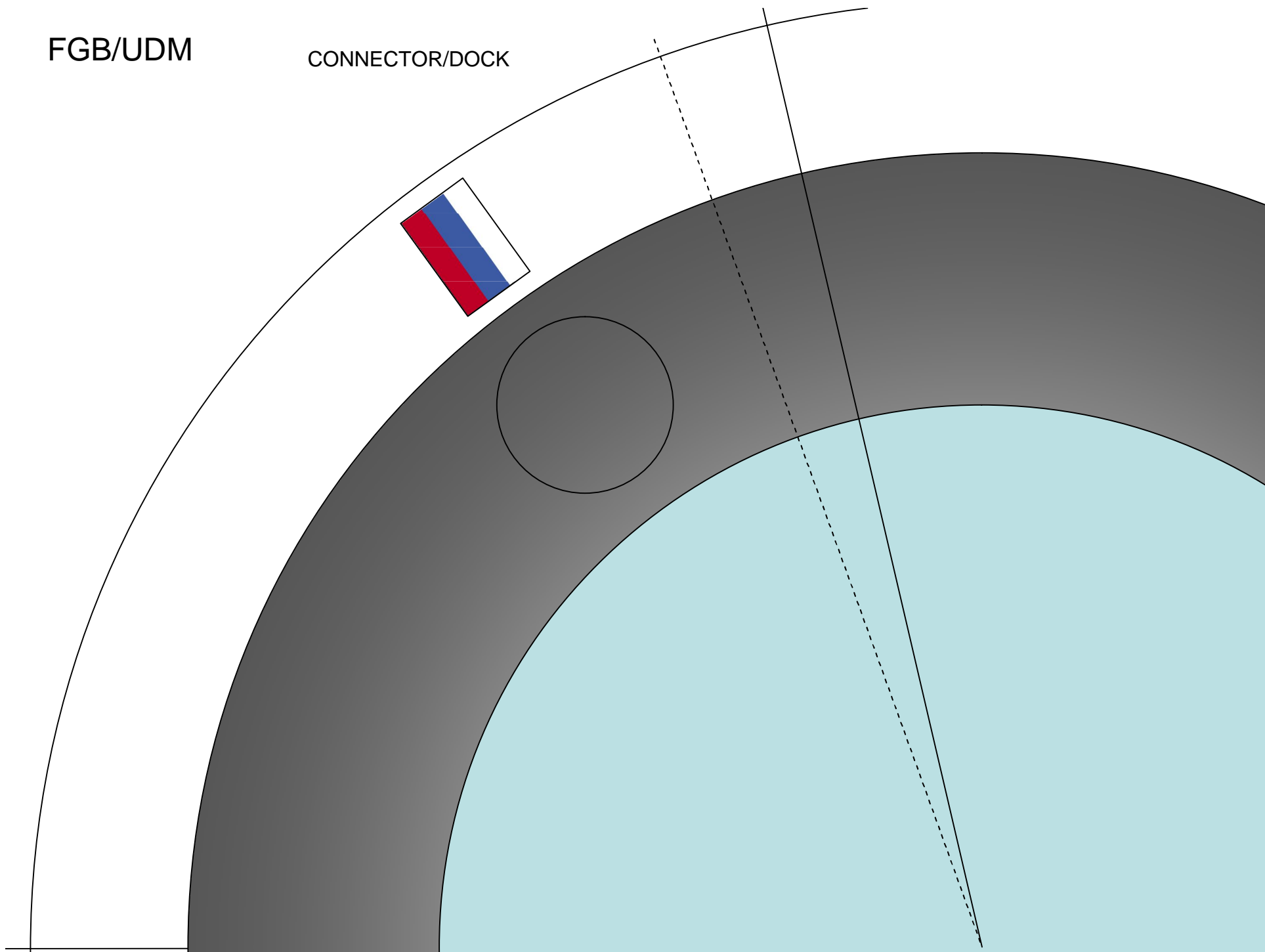
FGB/UDM

BODY CYLINDER

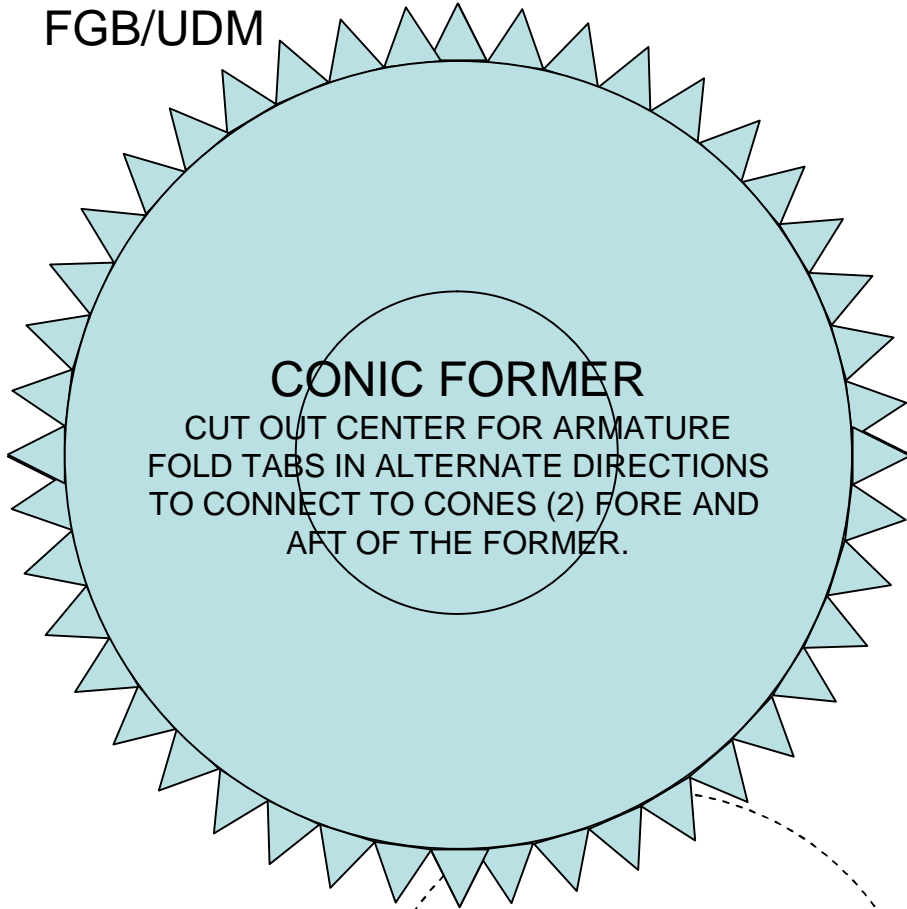


FGB/UDM

CONNECTOR/DOCK

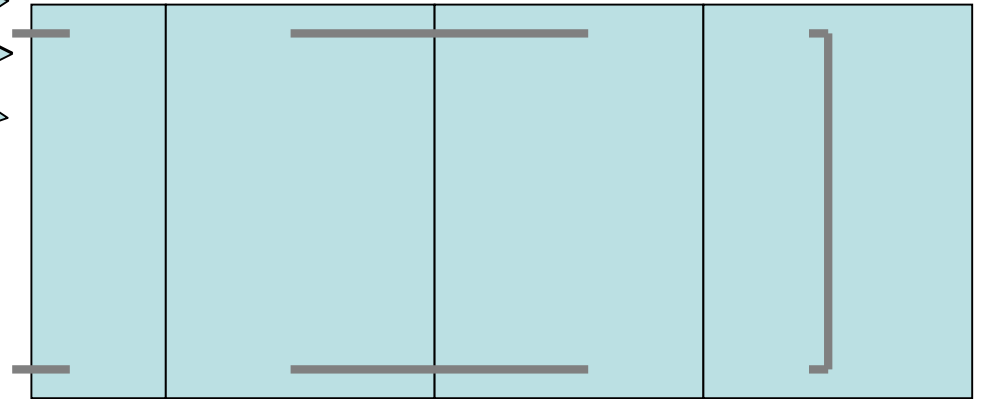


FGB/UDM

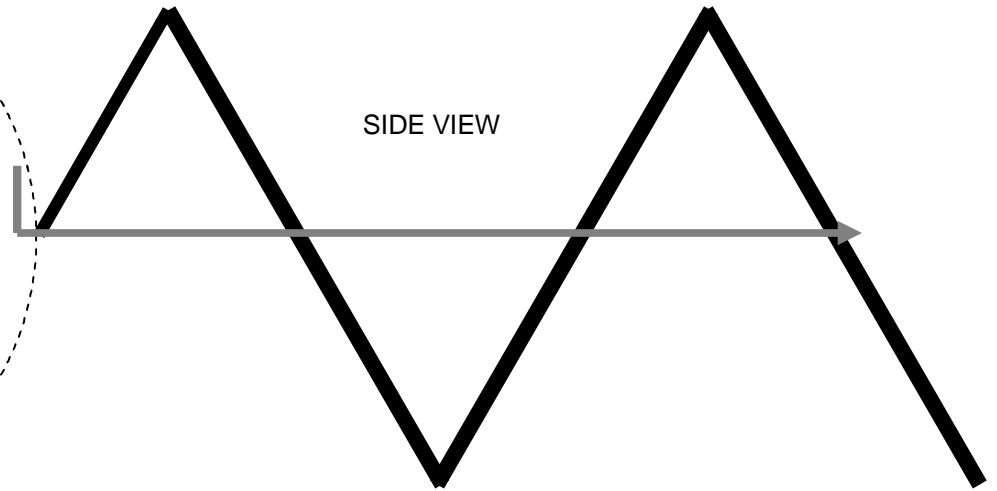


RUN U-SHAPED COAT HANGER WIRE FOR
SUPPORT. BEND UP INNER ENDS TO HOLD
ALIGNMENT.

TOP VIEW

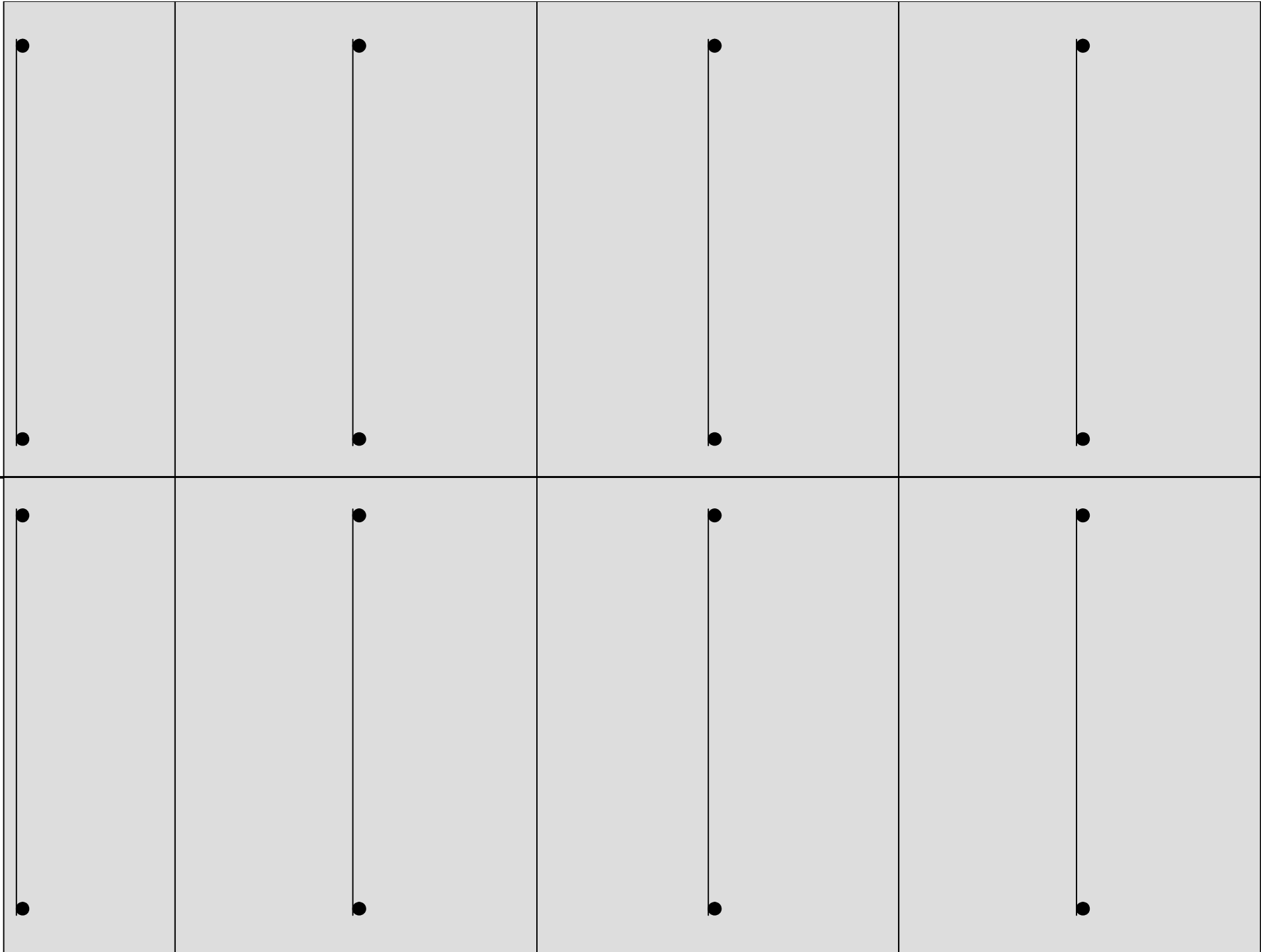


SIDE VIEW

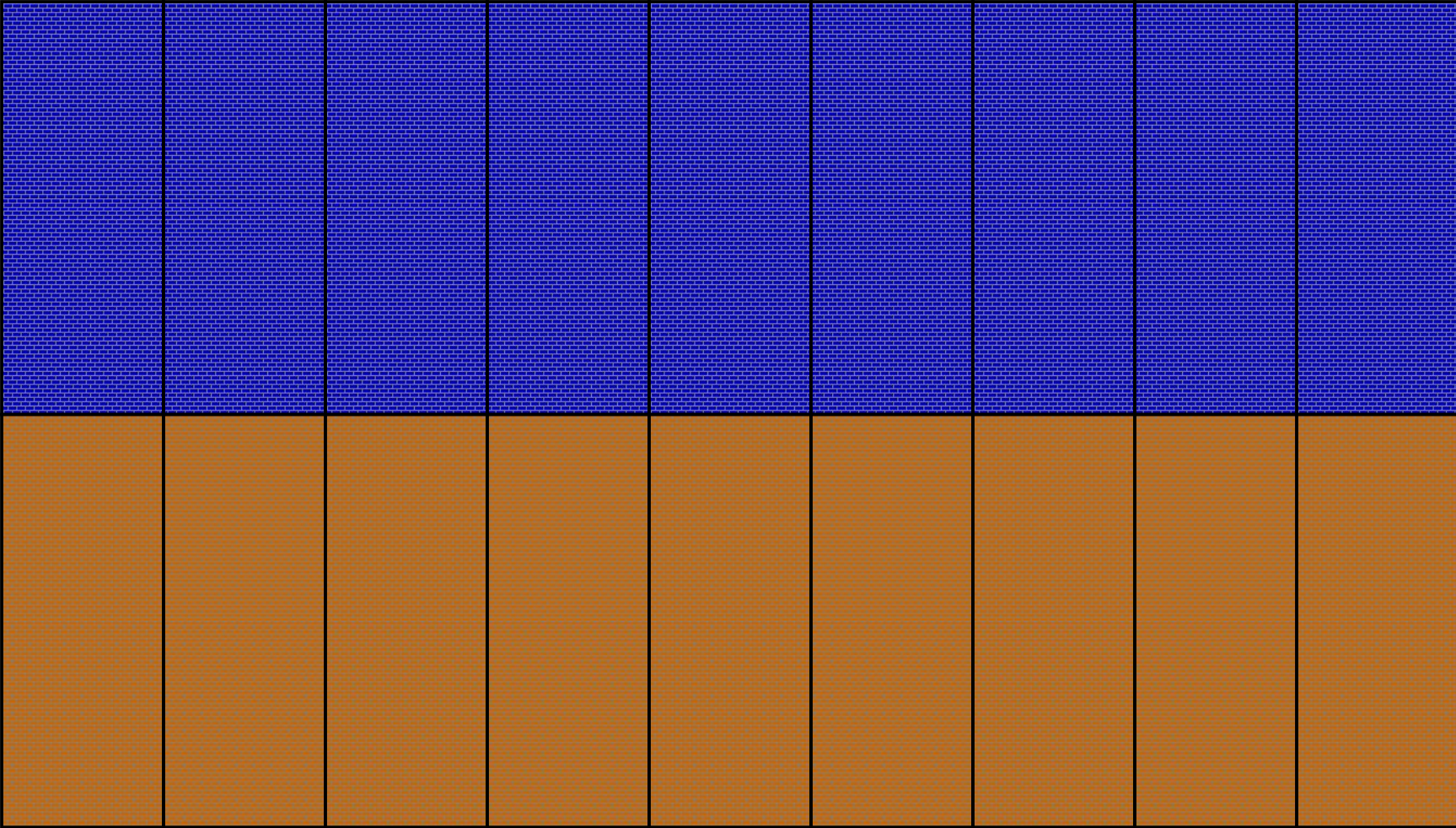


RADIATOR PANELS NEXT PAGE

Two panels, cut long center line, fold
on short verticals, pierce dots for
support wire.



RESEARCH MODULE VARIANT – SOLAR ARRAYS



RESEARCH MODULE VARIANT – SOLAR ARRAYS

