

AXM International Space Station 1:100 scale combo kit #3 (Russian Segment)

Contents:

ZARYA and Docking Target

ZVEZDA Service Module

PIRS (DC-1)

POISK (MRM-2)

RASSVET (MRM-1)

5 Debris panels for small diameter of Zvezda



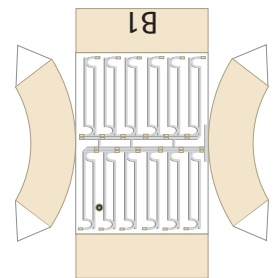
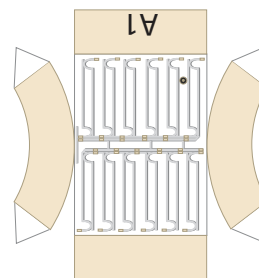
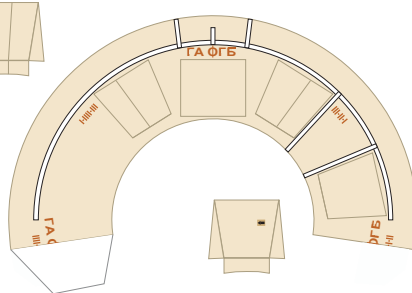
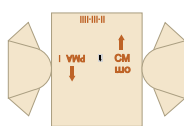
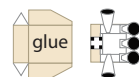
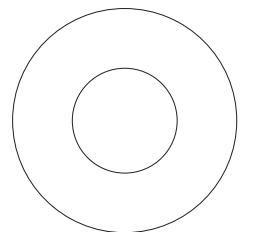
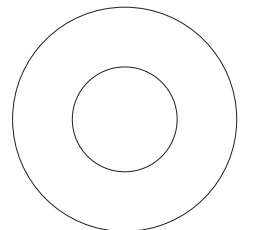
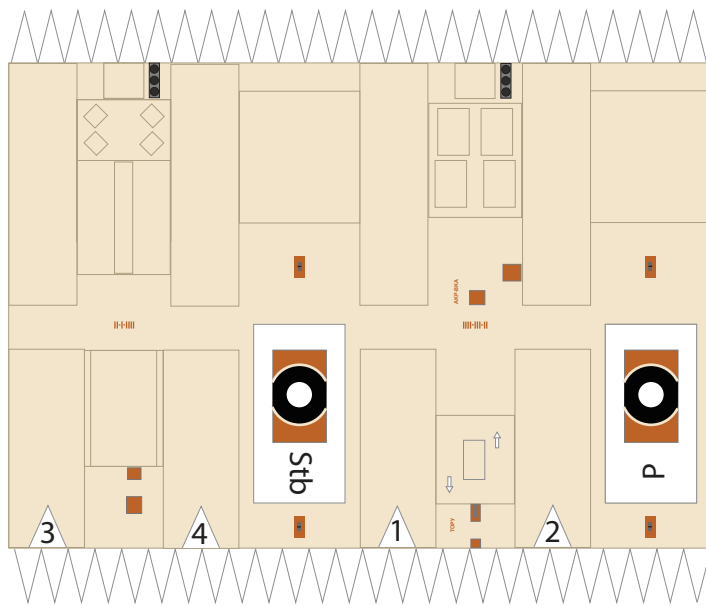
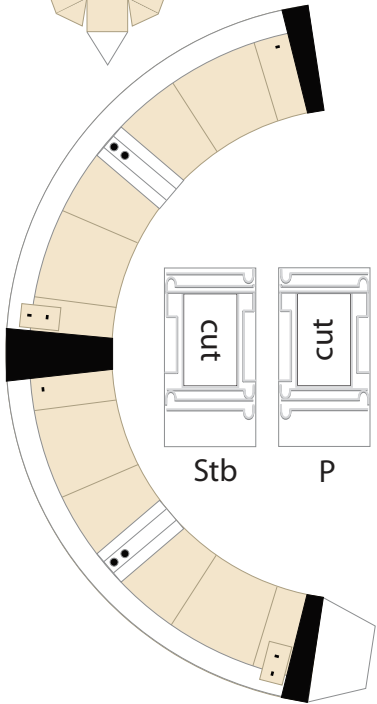
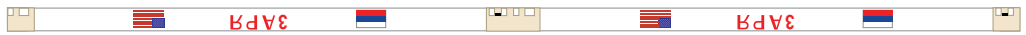
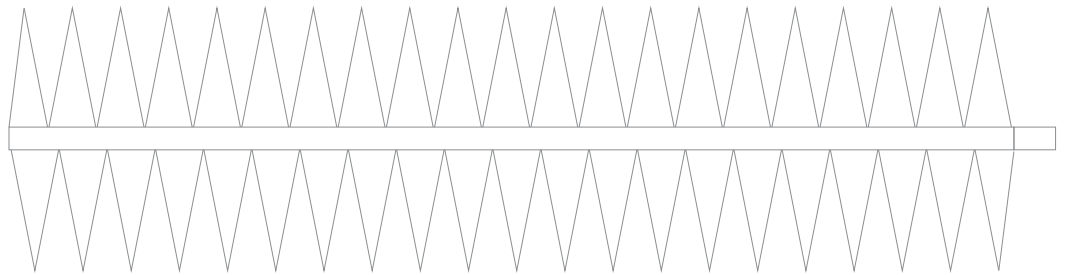
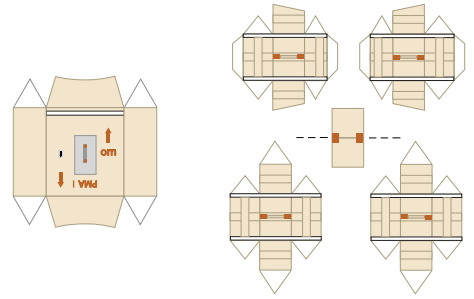
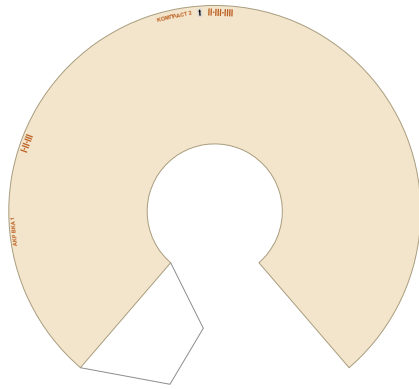
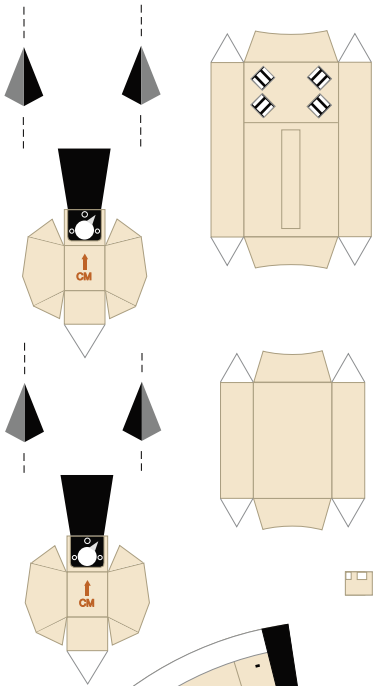
1 cm
1 inch

Print on Cardstock (110 lbs)

Zarya



1:100 Scale





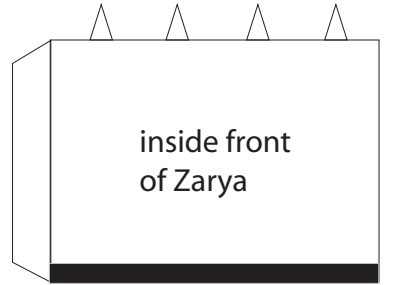
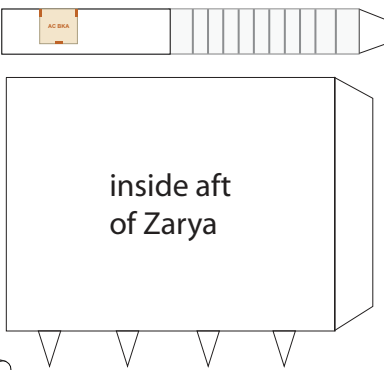
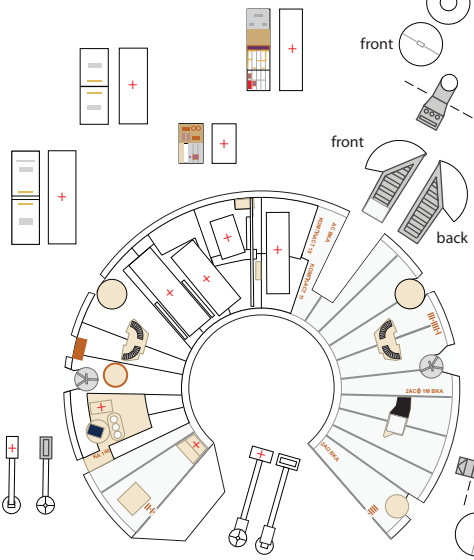
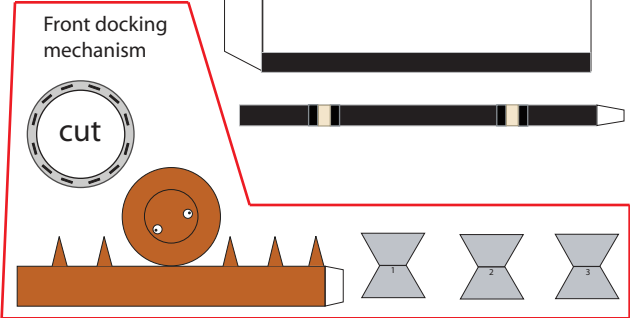
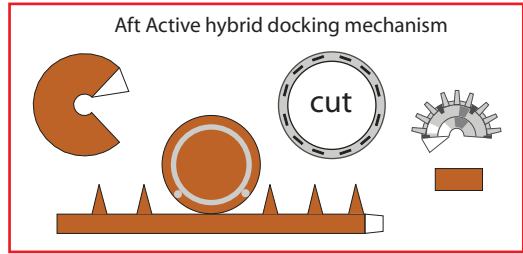
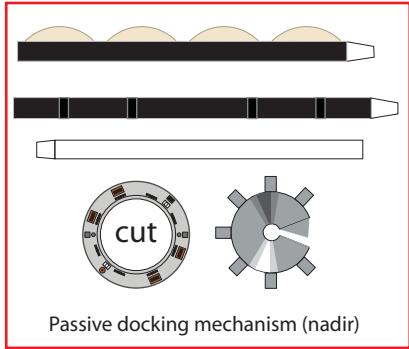
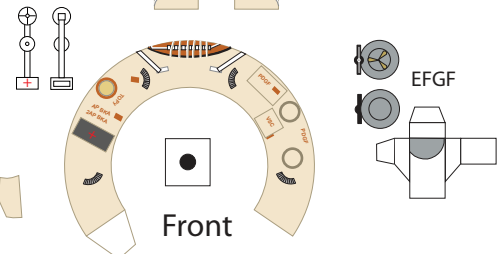
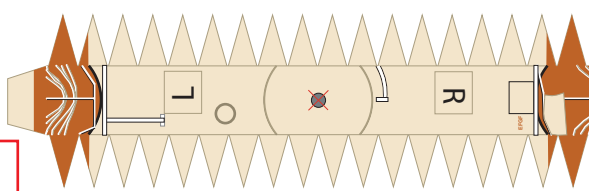
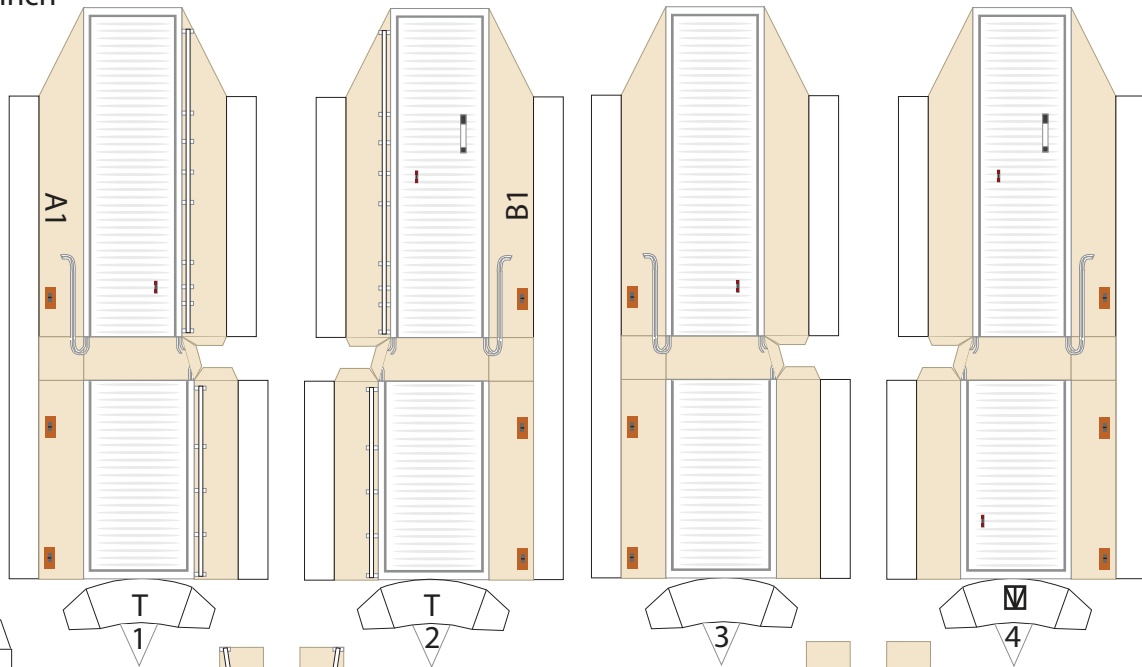
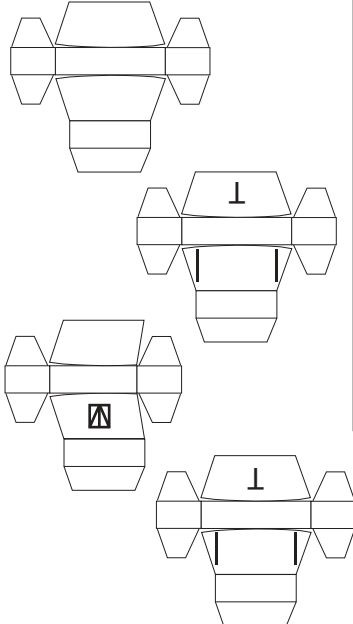
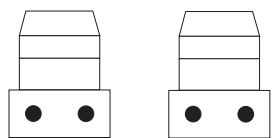
1 cm
1 inch

Print on Cardstock (110 lbs)

Zarya



1:100 Scale

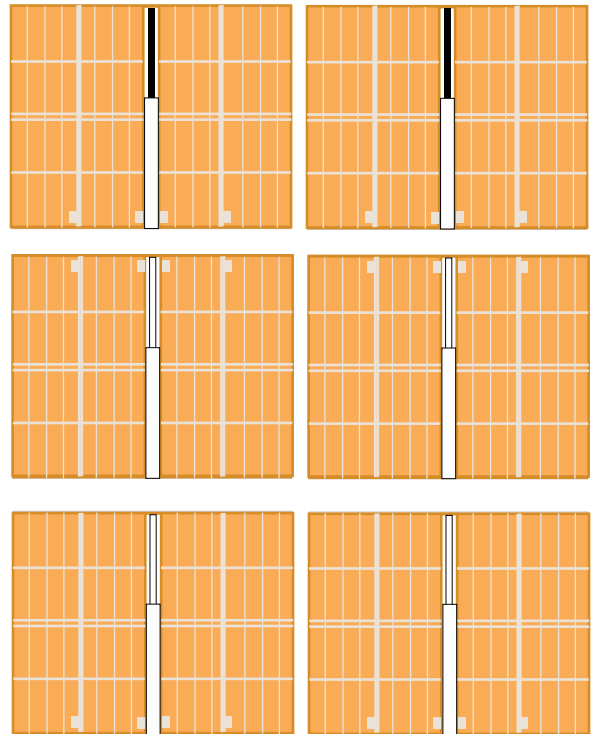
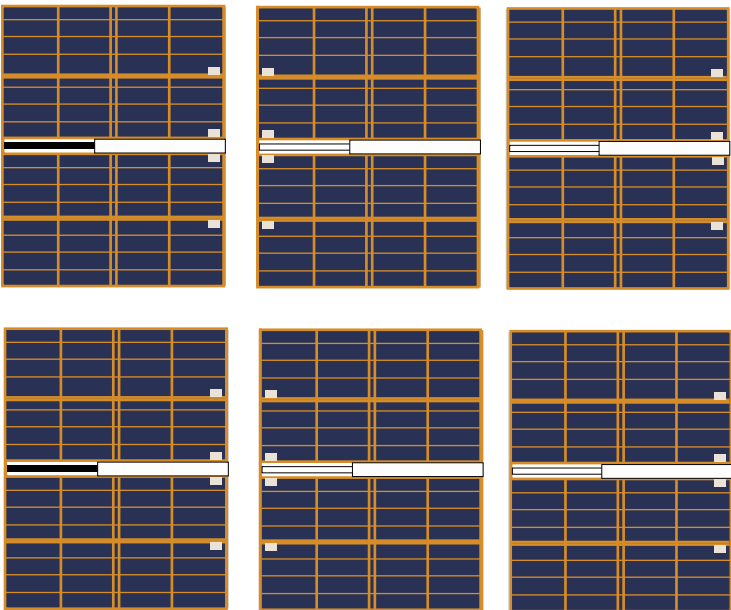
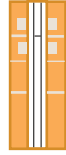
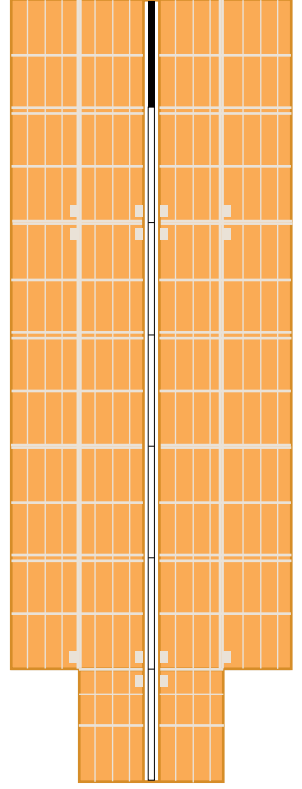
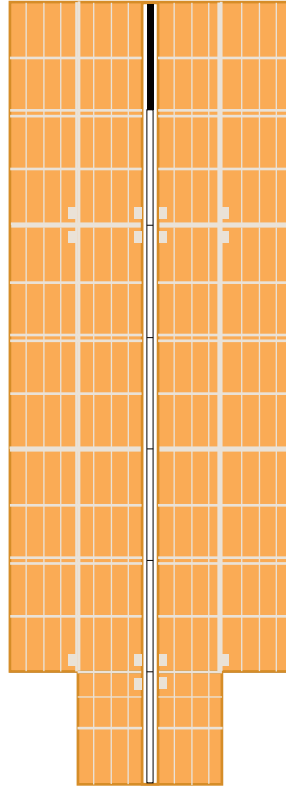
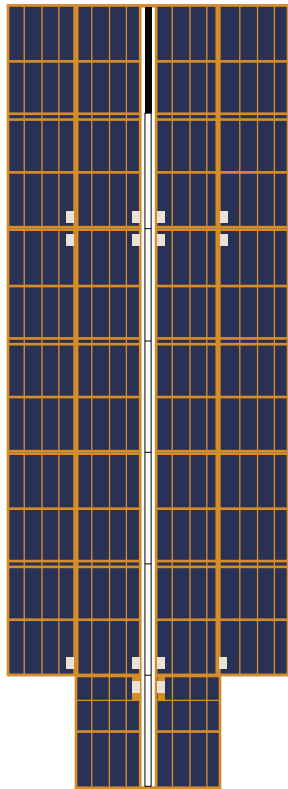
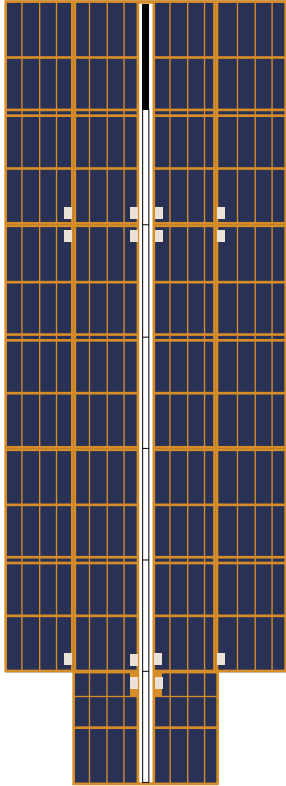




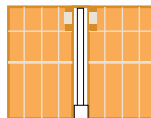
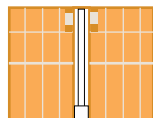
Print on Cardstock (90 lbs) Zarya solar panels



1:100 Scale



Folded configuration panels





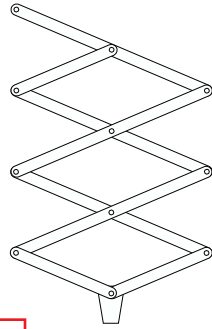
Print on Cardstock (110 lbs)

Zarya

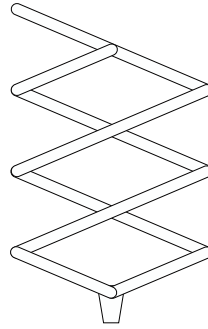


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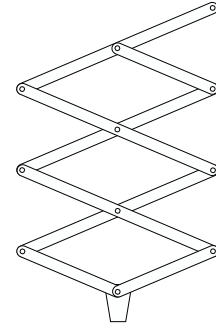
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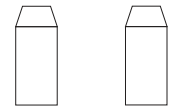
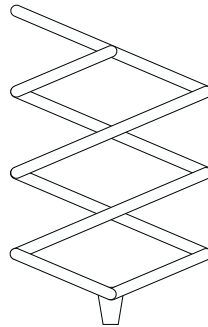
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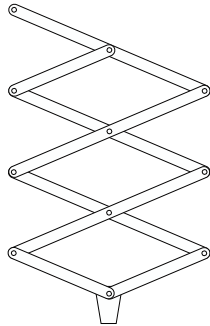
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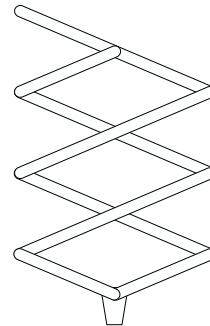
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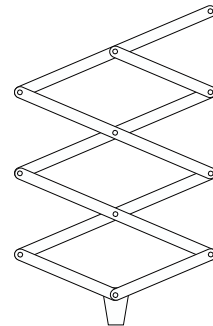
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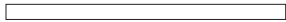


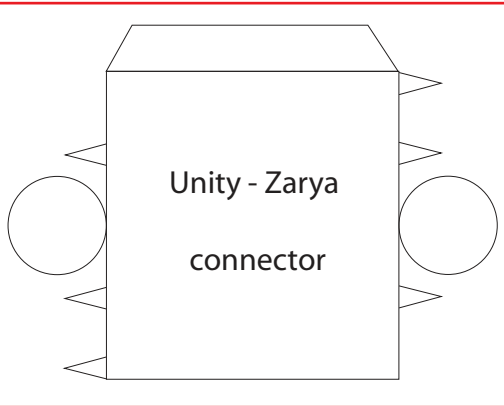
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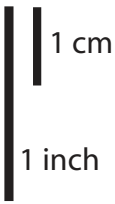


outer




Cut a cottonswab (37 mm of length and 2 mm of width) and use as a connector for the folded wing configuration





Print on Cardstock (90 lbs)



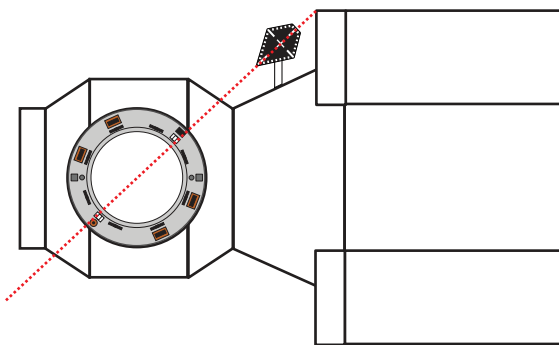
1:100 Scale

Docking Target for Zarya Module

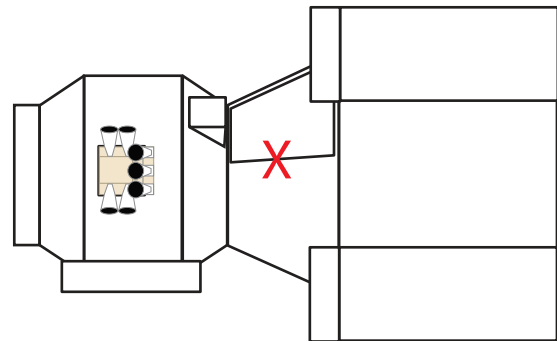
(Target used for Soyuz/Progress or MRM-1 "Rassvet")



Schematic for docking target location in Zarya:



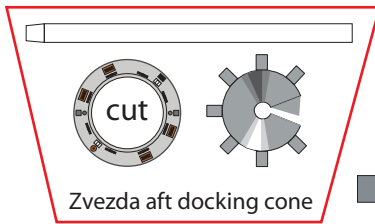
Bottom view



Left side view



1 cm
1 inch

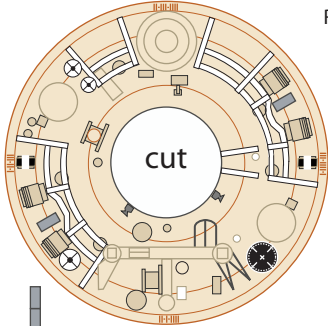


Print on Cardstock (110 lbs)

AXM-ISS Project

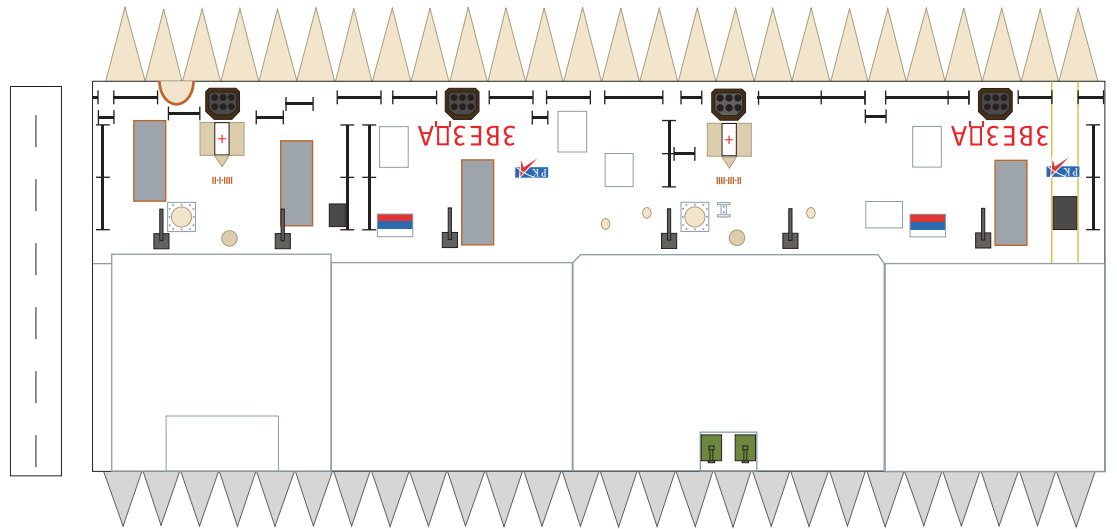
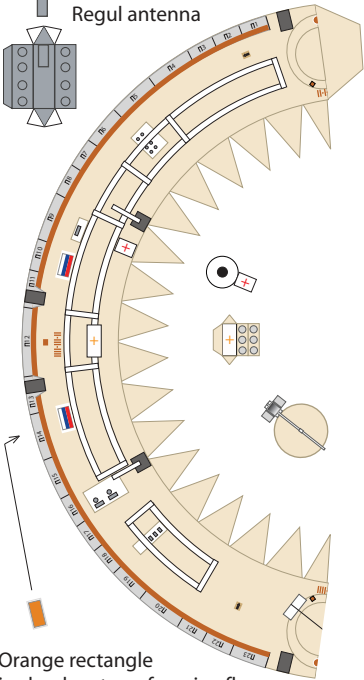
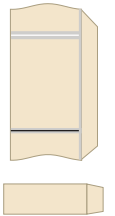
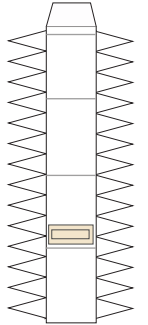
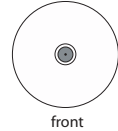
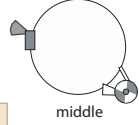
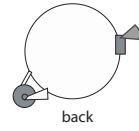
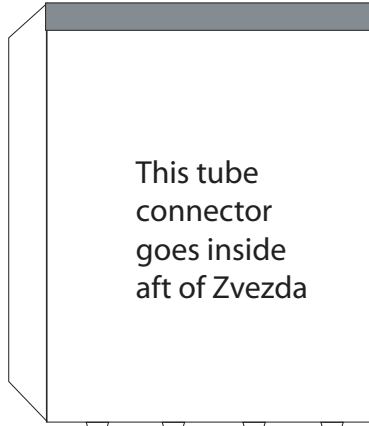
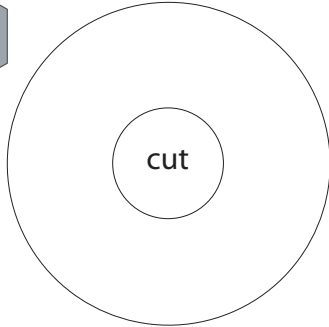
Zvezda

1:100 Scale

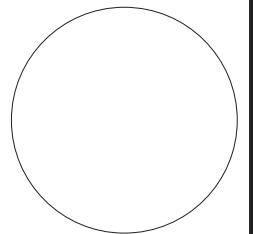
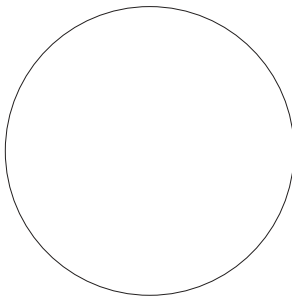
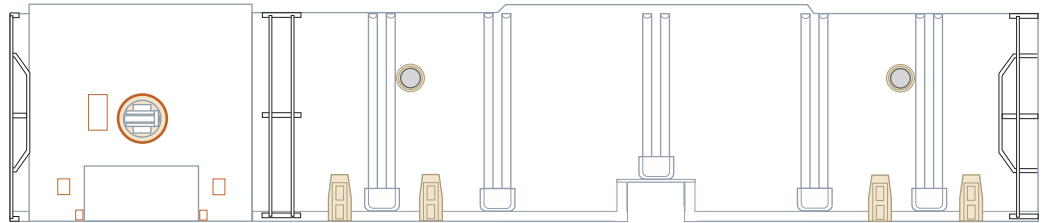
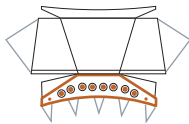


Regul antenna

Reboost engine blocks



Orange rectangle is glued on top of russian flag (ISS configuration post 4R: after PIRS docking module was added to ISS)





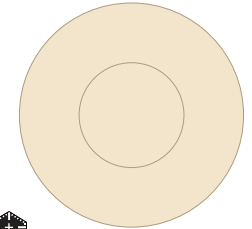
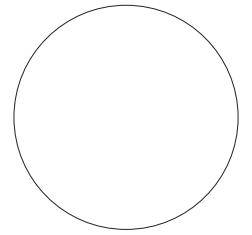
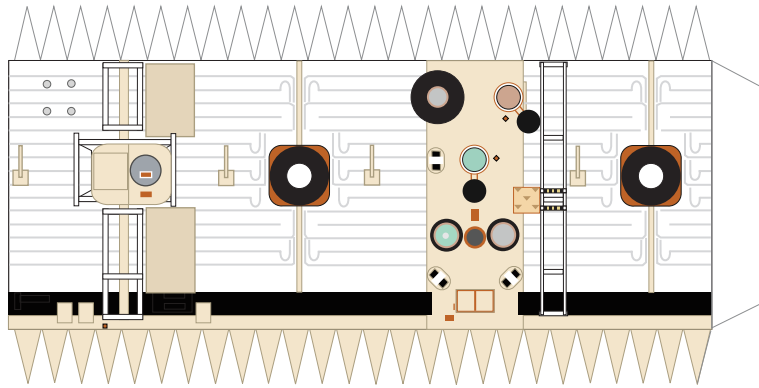
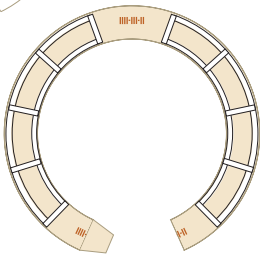
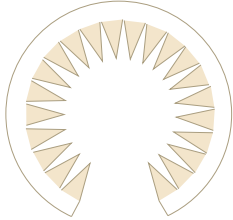
1 cm
1 inch

Print on Cardstock (110 lbs)

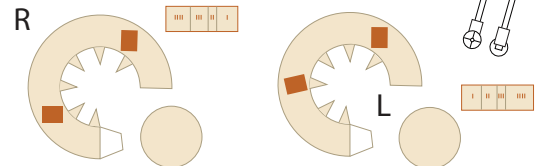
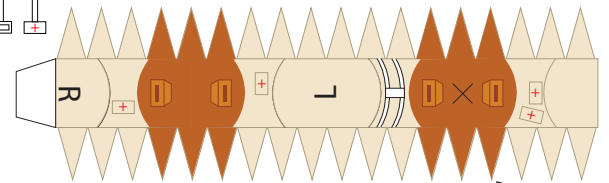
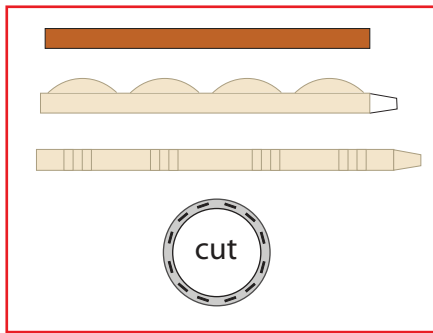
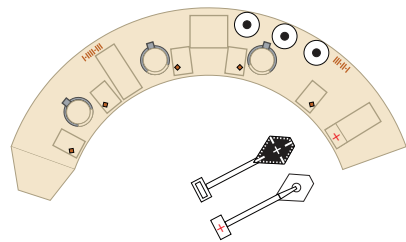
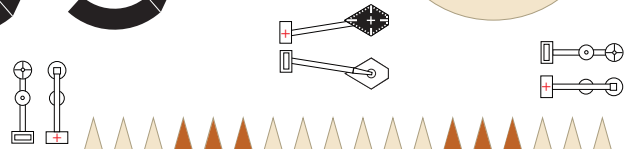


Zvezda

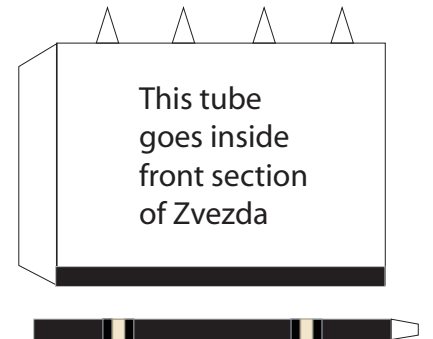
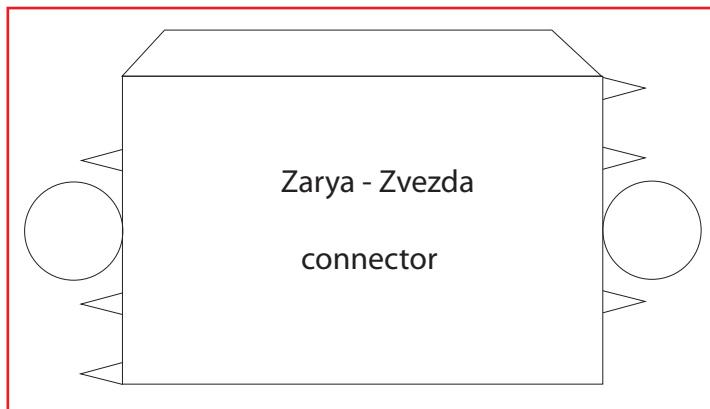
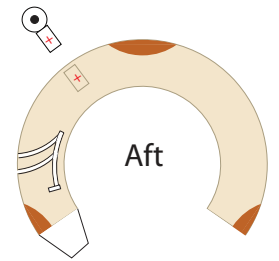
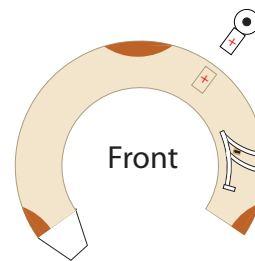
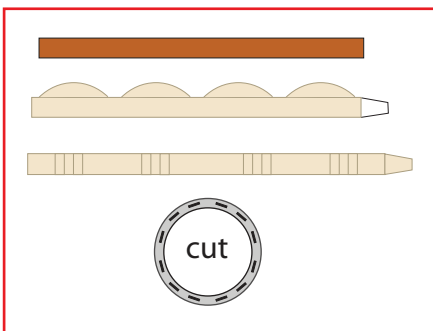
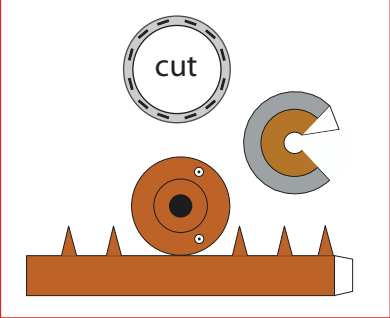
1:100 Scale



Star Mappers



Zvezda front docking cone

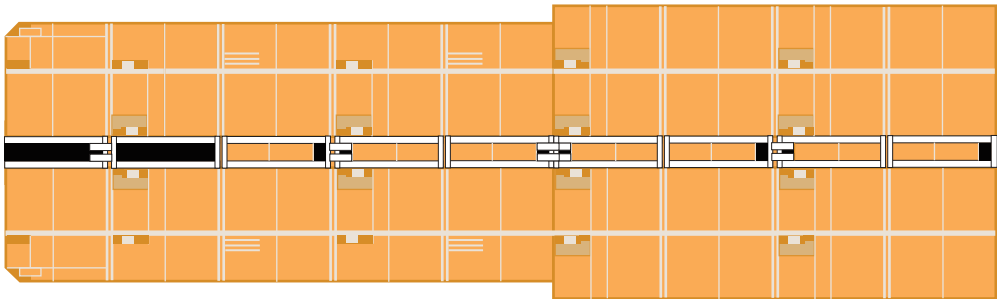
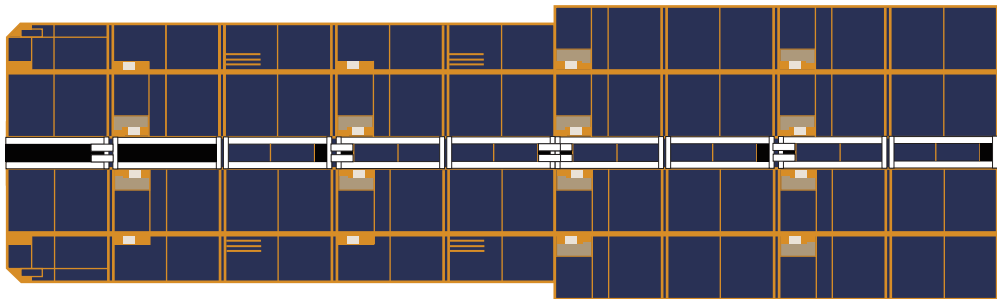
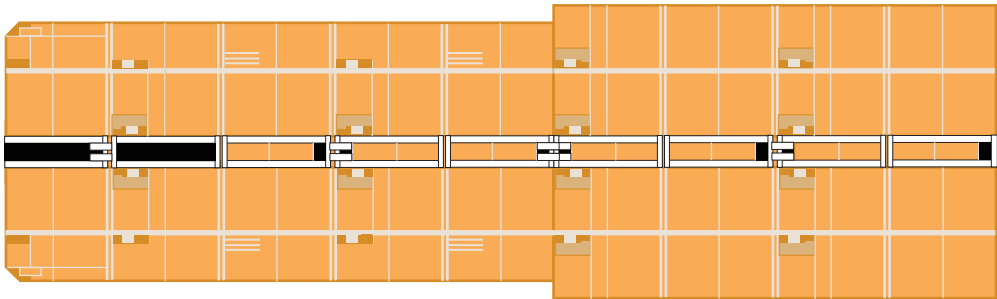
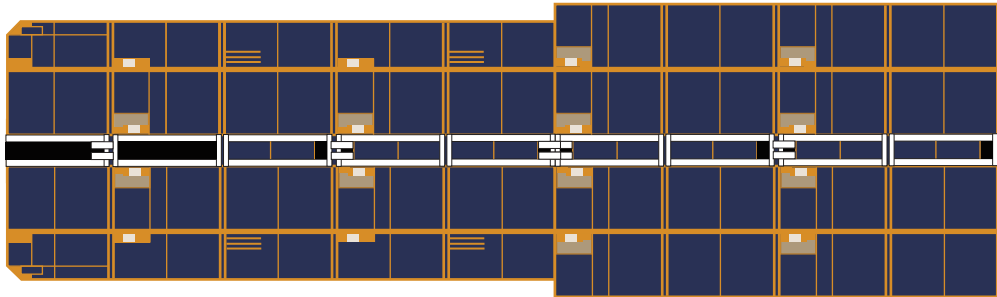




Print on Cardstock (90 lbs) Zvezda solar panels



1:100 Scale



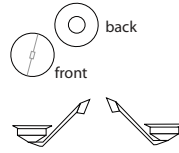


1 cm
1 inch

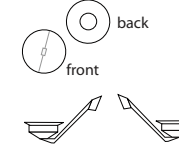
Print on Cardstock (110 lbs) "PIRS" Docking Module



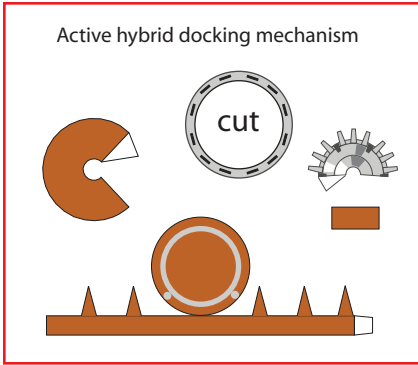
1:100 Scale



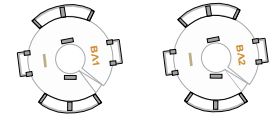
KURS



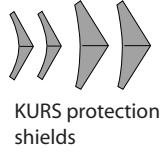
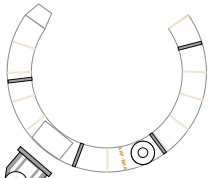
KURS



EV HATCH 1 EV HATCH 2

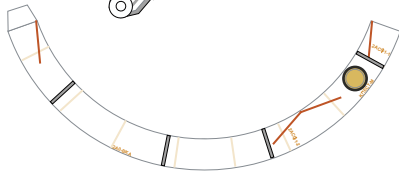


Ring 1



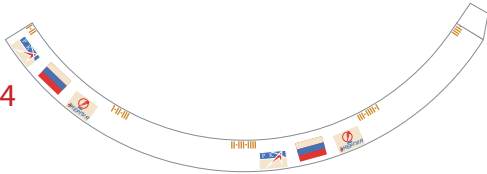
KURS protection shields

Ring 2

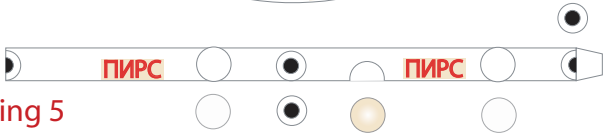


Ring 3

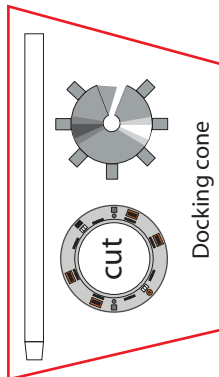
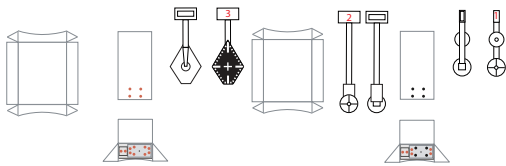
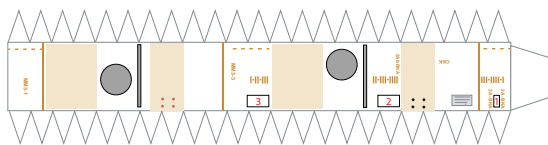
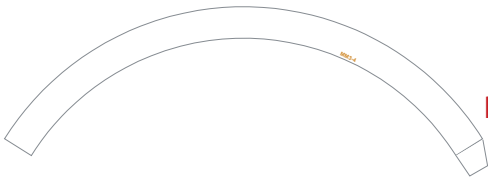
Ring 4



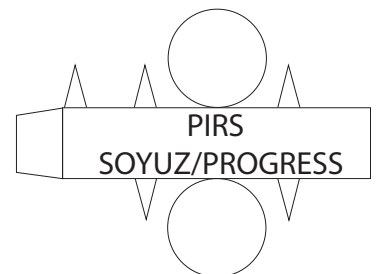
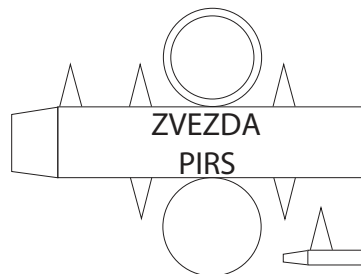
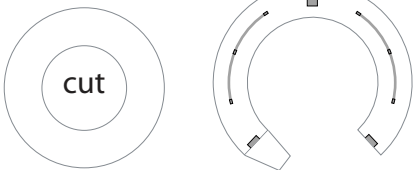
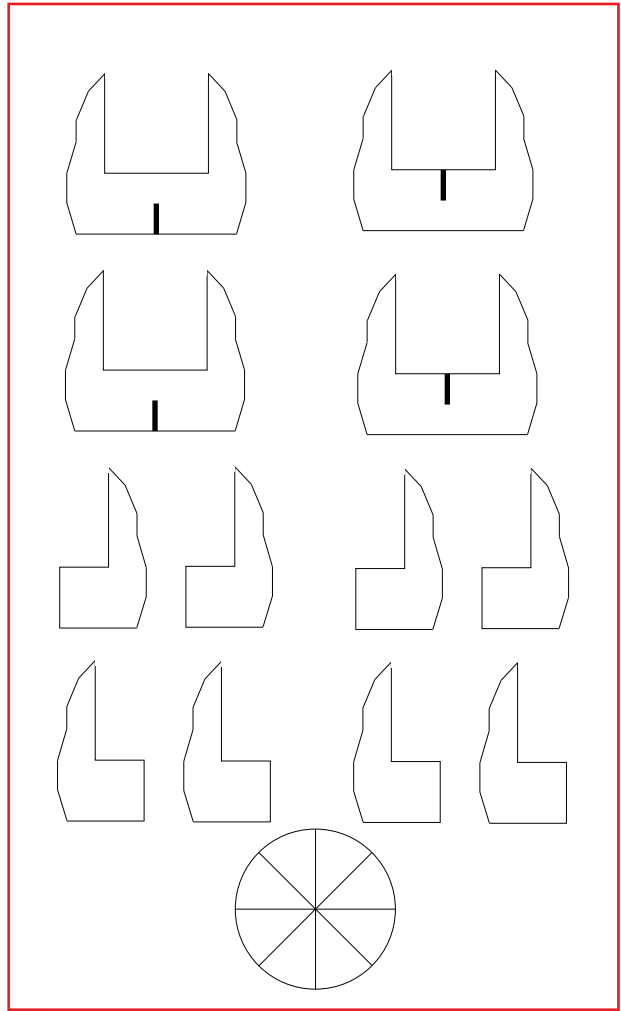
Ring 5



Ring 6



Docking cone





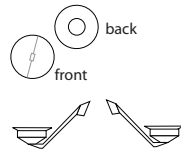
1 cm
1 inch

Print on Cardstock (110 lbs)

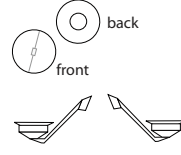
MRM-2 "POISK"



1:100 Scale

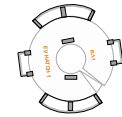
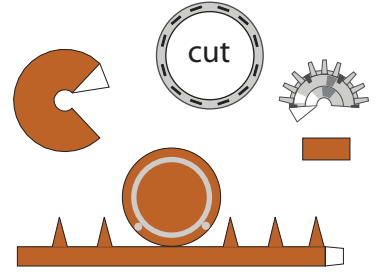


KURS

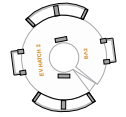


KURS

Active hybrid docking mechanism

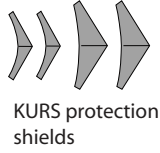
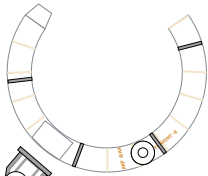


EV HATCH 1



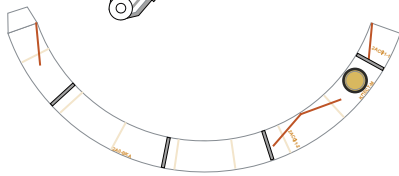
EV HATCH 2

Ring 1



KURS protection shields

Ring 2



Ring 3

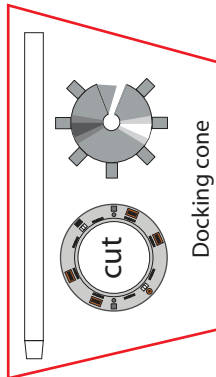
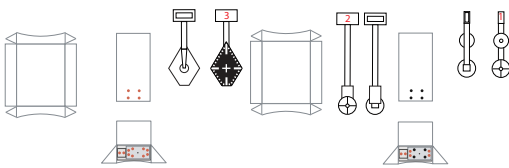
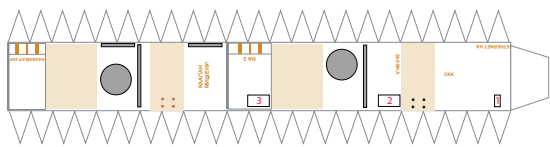
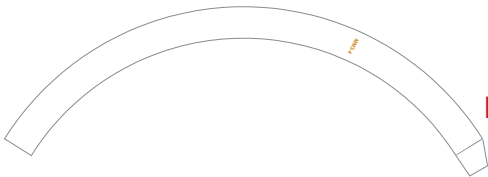
Ring 4



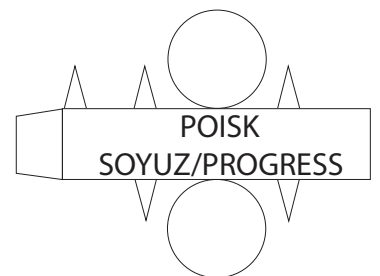
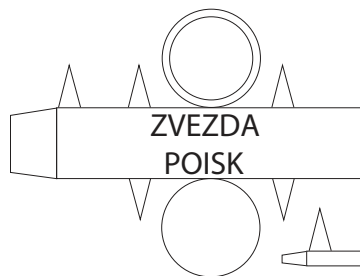
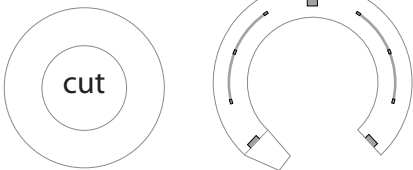
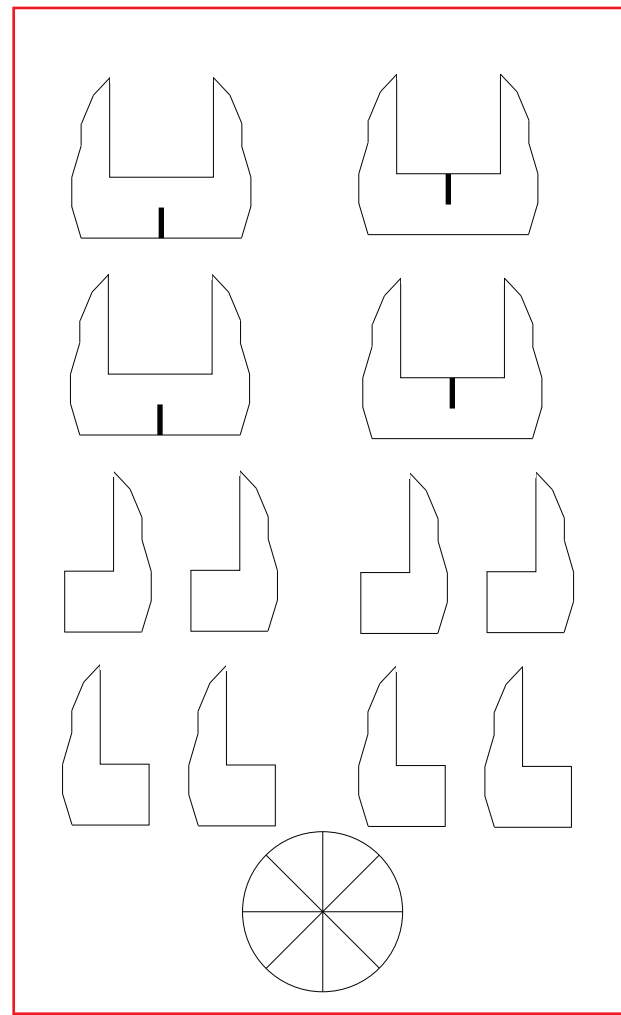
Ring 5



Ring 6



Docking cone





1 cm
1 inch

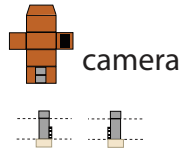
Print on Cardstock (90 lbs)



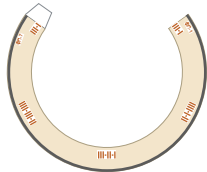
Mini Research Module-1 (MRM-1)

"RASSVET"

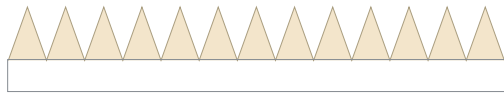
1:100 Scale
Sheet 1



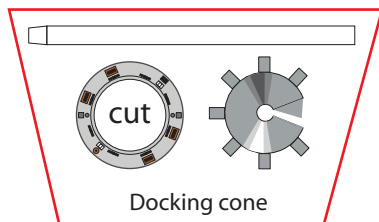
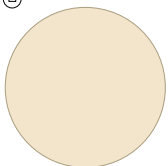
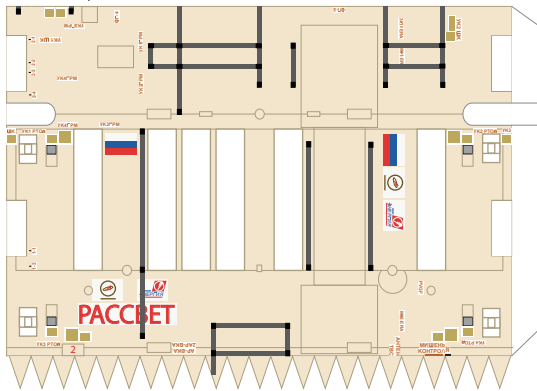
Ring 1



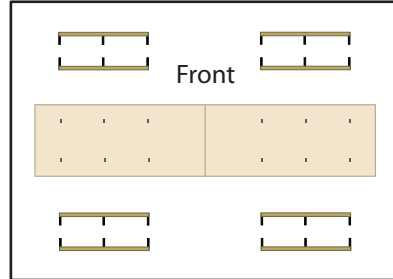
Ring 2



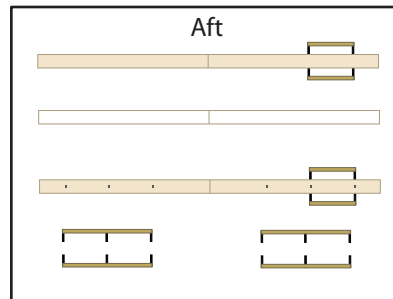
camera



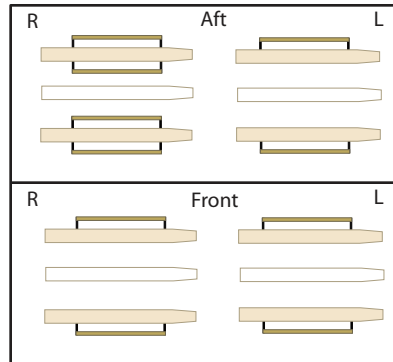
Docking cone



Front

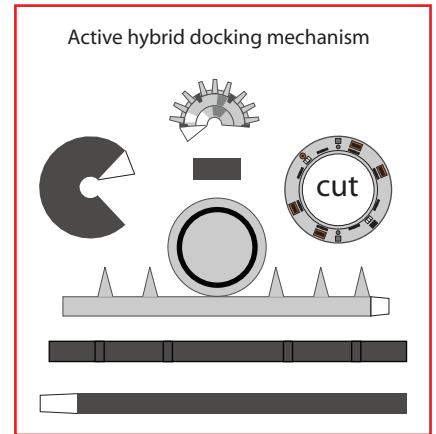
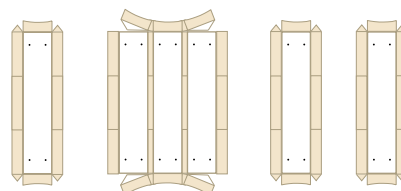
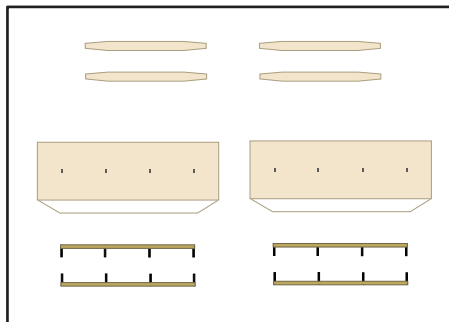


Aft

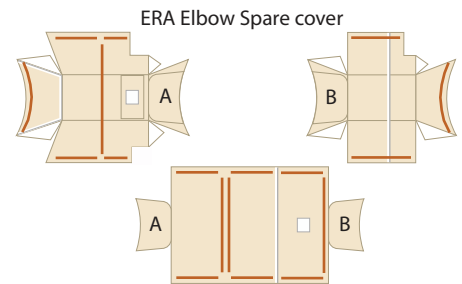


Aft

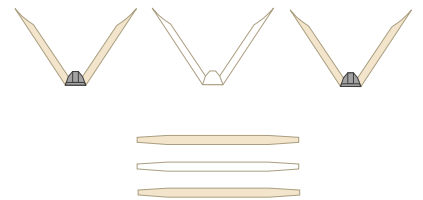
Front



Active hybrid docking mechanism



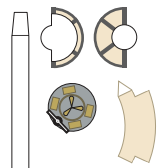
ERA Elbow Spare cover



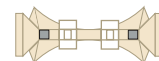
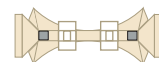
PDA

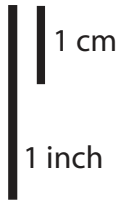


Trunnions



PVGF
(Power & Video
Grapple Fixture)

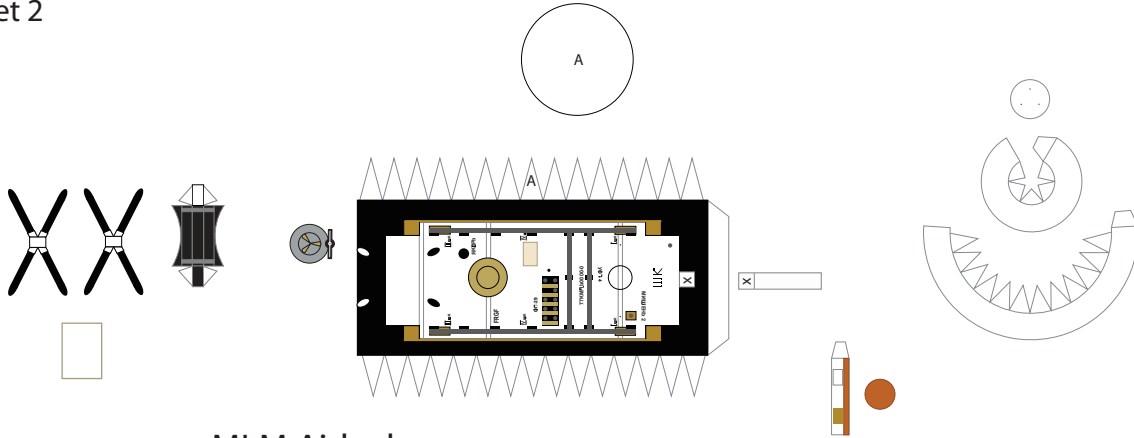




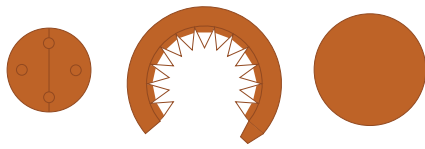
Print on Cardstock (90 lbs)
 Mini Research Module-1 (MRM-1)
 "RASSVET"



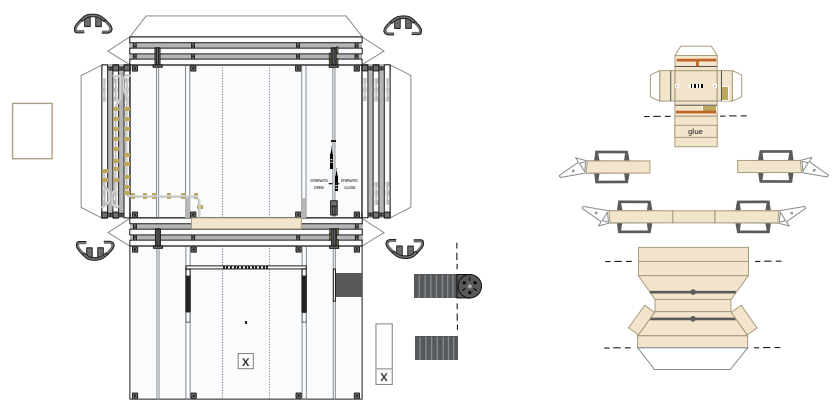
1:100 Scale
 Sheet 2



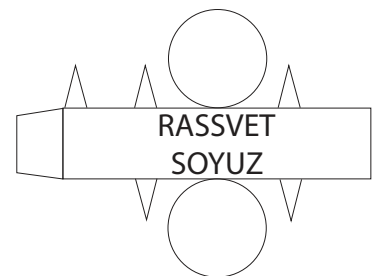
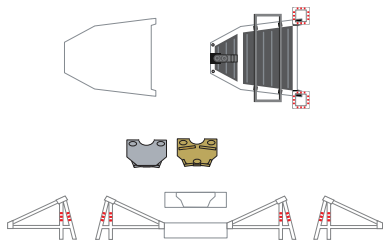
MLM Airlock



MLM Radiator



Portable Work Platform





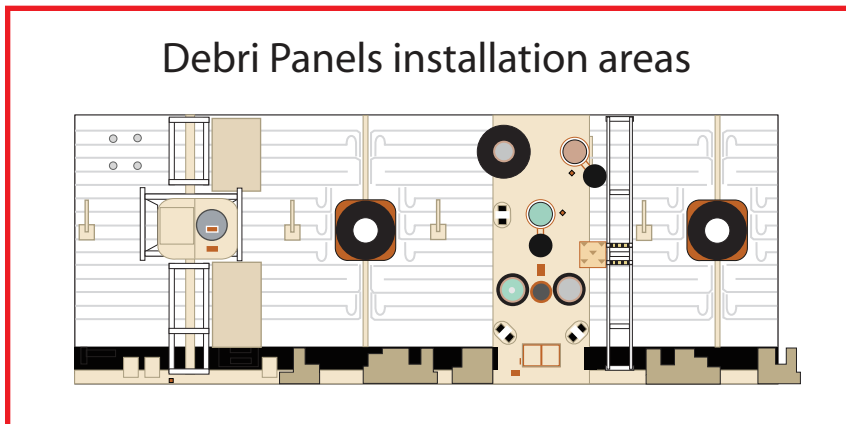
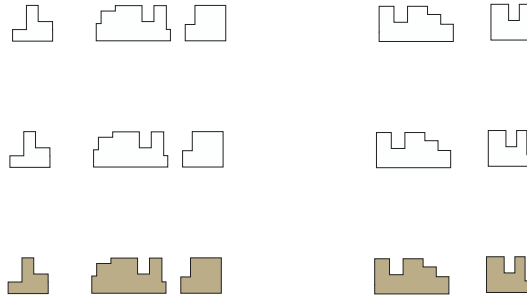
1:100 Scale



Print on Cardstock (90 lbs)



Debris Panels for smaller diameter of Zvezda (Russian EVA-31)



1:144 Scale

