

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

Zvezda Debris panels for large diameter cone



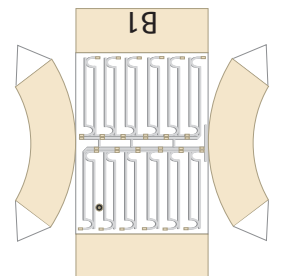
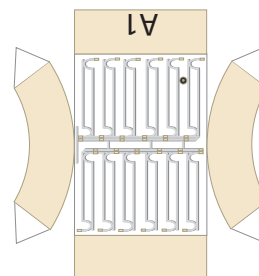
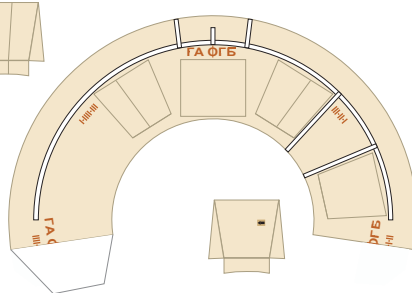
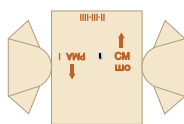
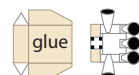
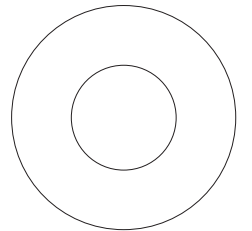
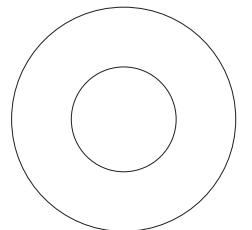
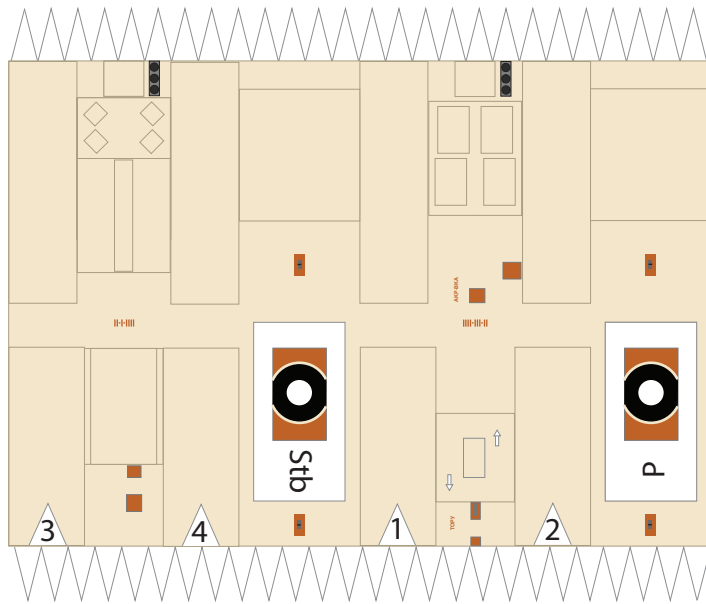
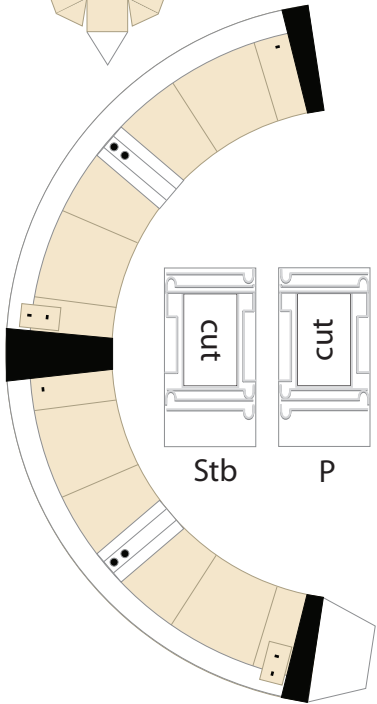
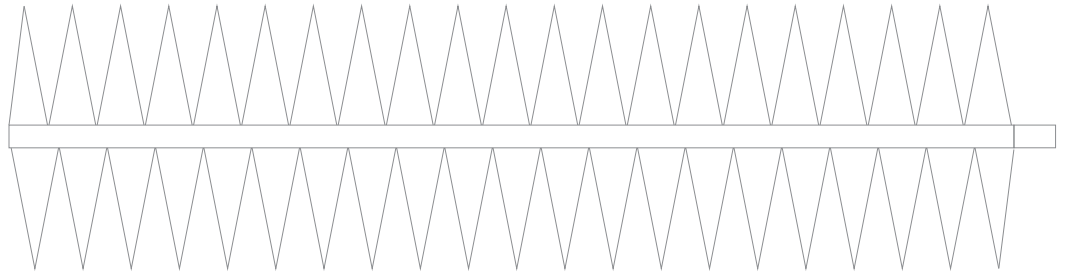
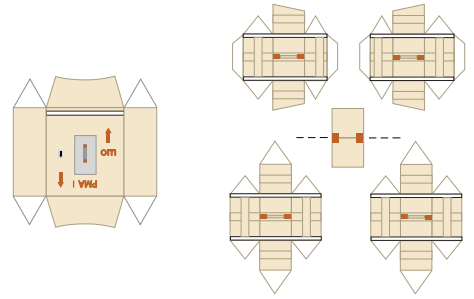
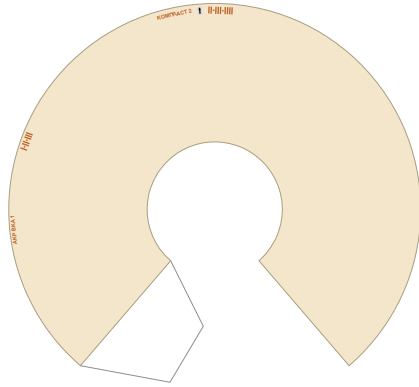
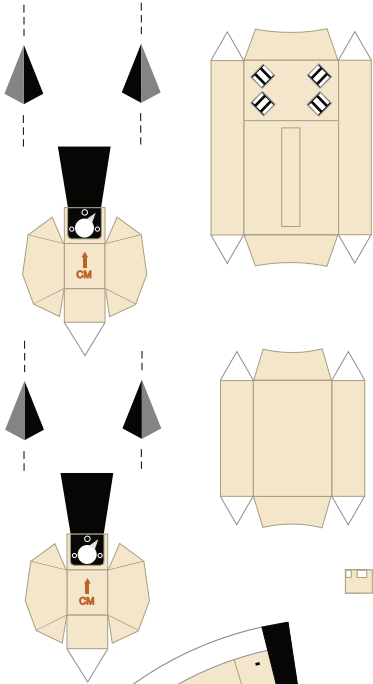
1 cm
1 inch

Print on Cardstock (110 lbs)

Zarya



1:100 Scale





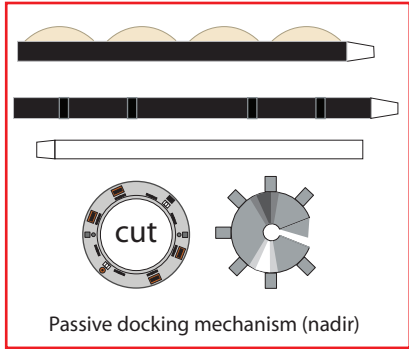
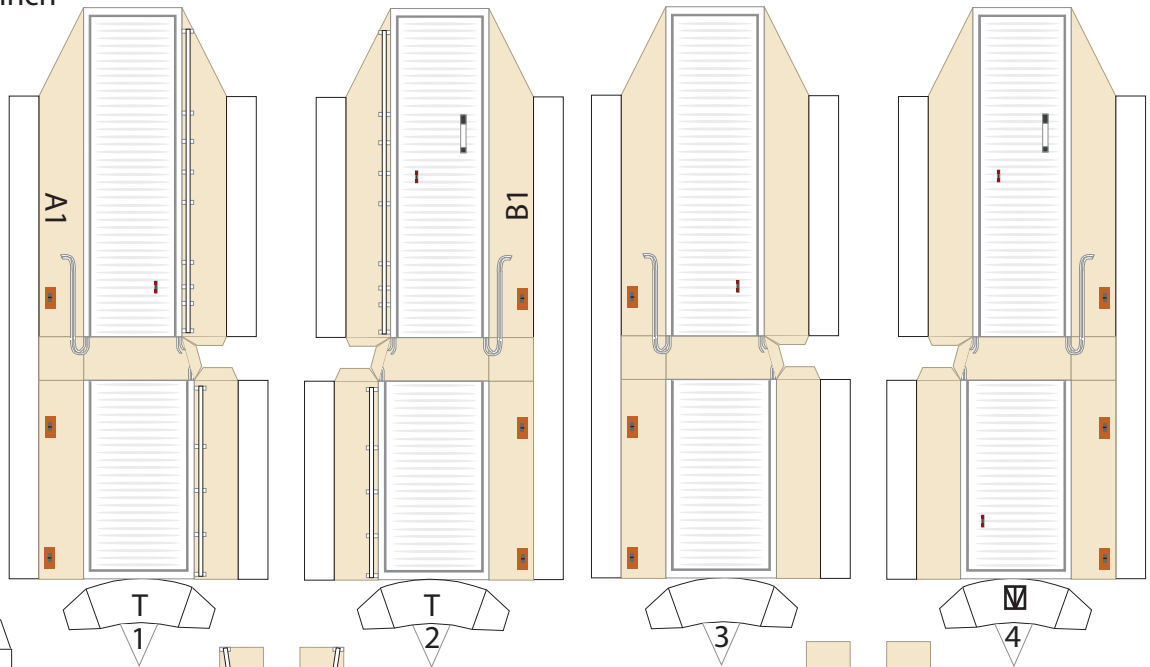
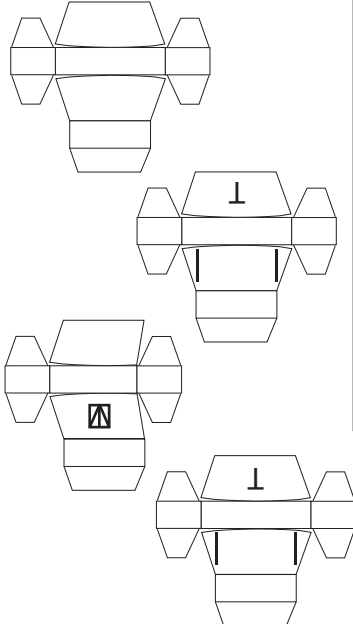
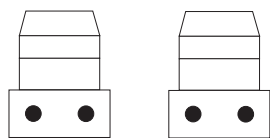
1 cm
1 inch

Print on Cardstock (110 lbs)

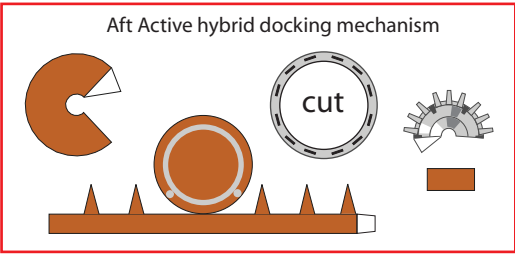
Zarya



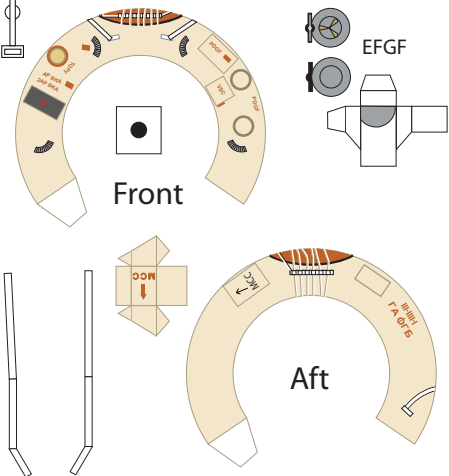
1:100 Scale



Passive docking mechanism (nadir)

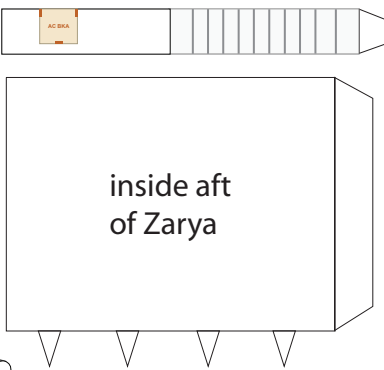
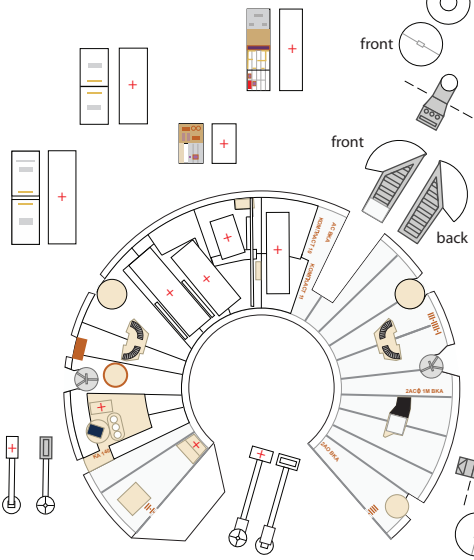


Aft Active hybrid docking mechanism



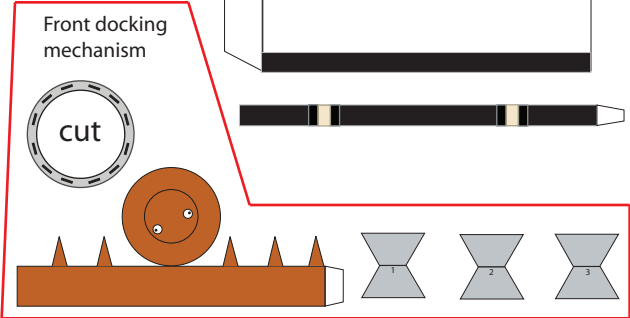
Front

Aft



inside aft of Zarya

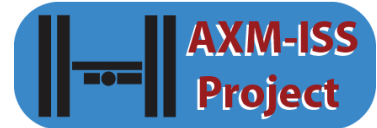
inside front of Zarya



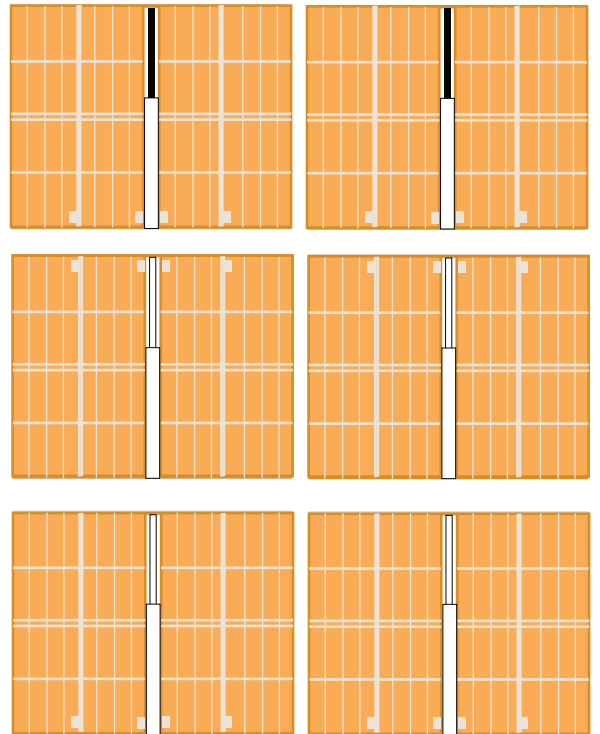
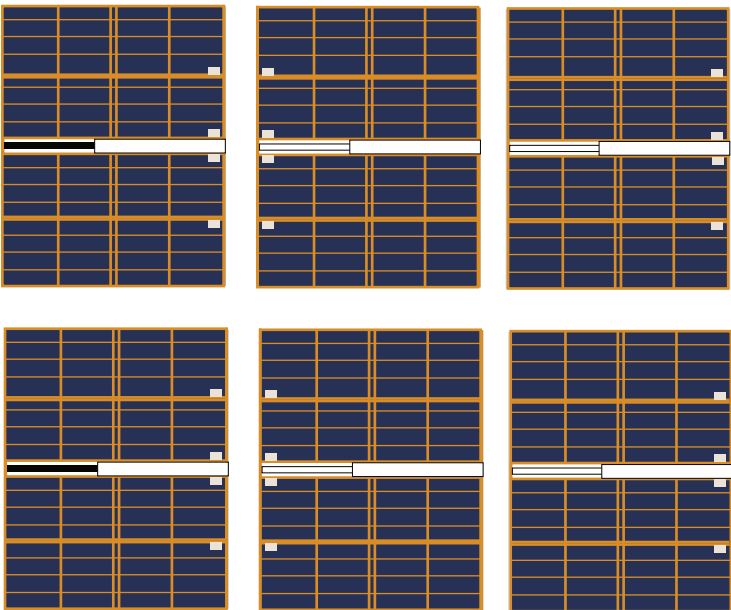
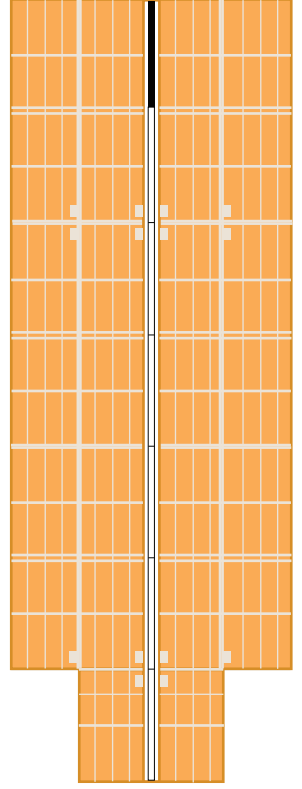
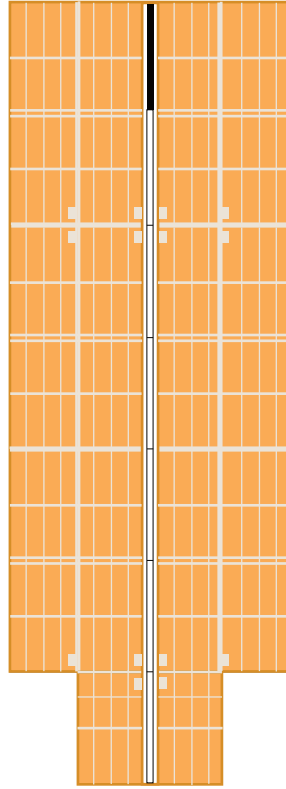
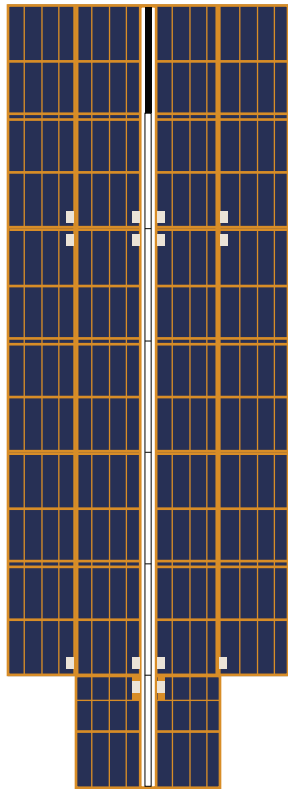
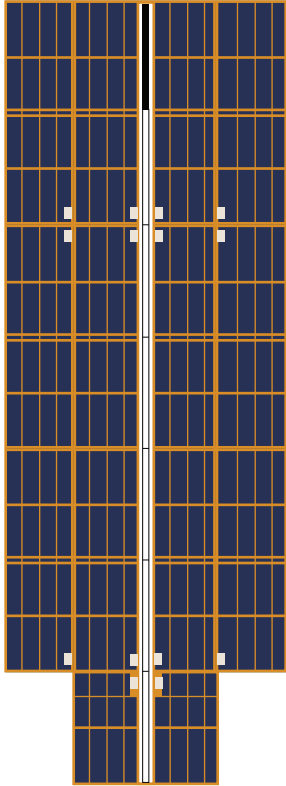
Front docking mechanism



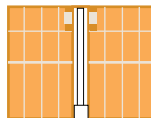
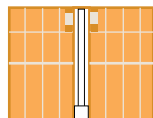
Print on Cardstock (90 lbs) Zarya solar panels



1:100 Scale



Folded configuration panels





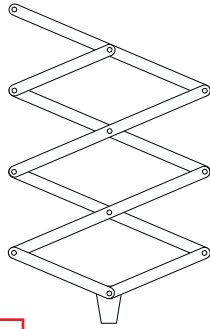
Print on Cardstock (110 lbs)

Zarya

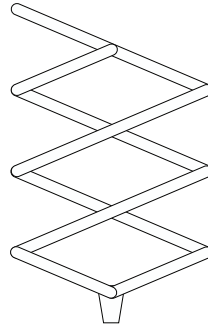


1:100 Scale

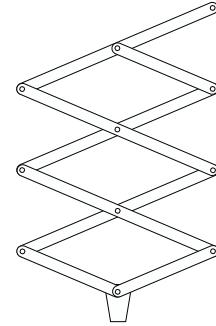
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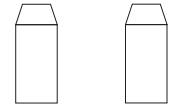
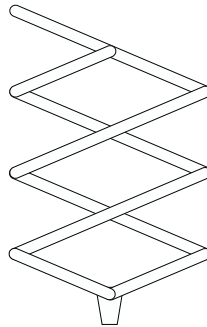
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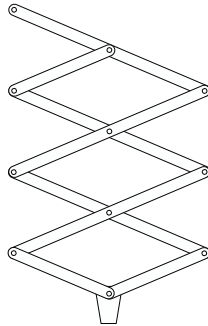
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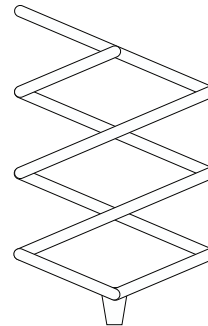
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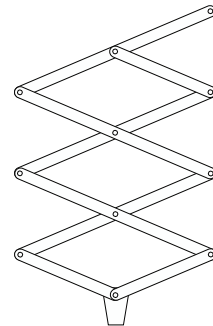
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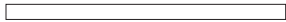


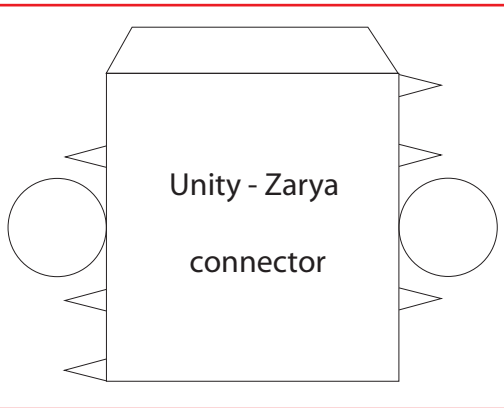
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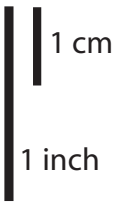


outer




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)



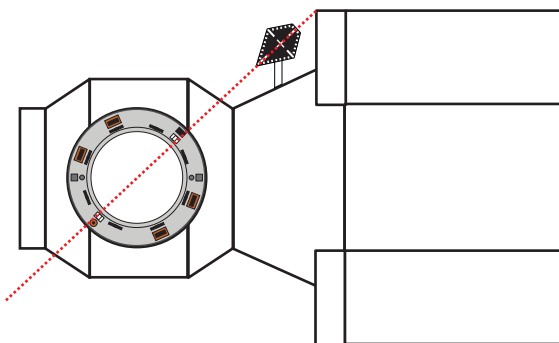
1:100 Scale

Docking Target for Zarya Module

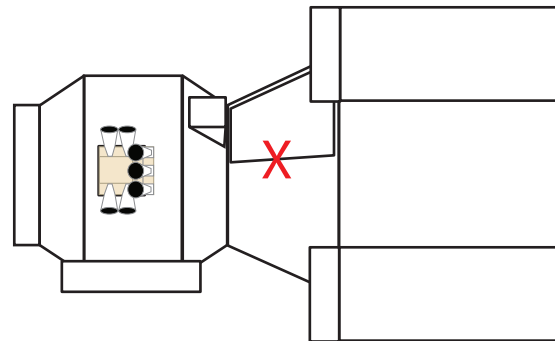
(Target used for Soyuz/Progress or MRM-1 "Rassvet")



Schematic for docking target location in Zarya:



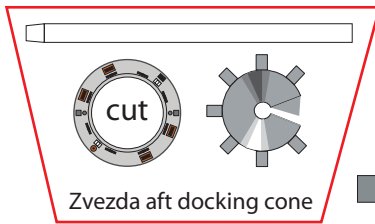
Bottom view



Left side view



1 cm
1 inch

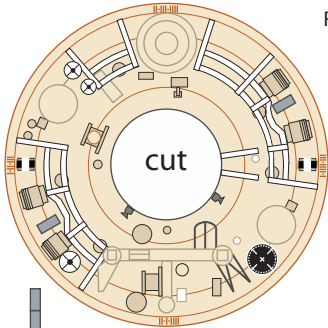


Print on Cardstock (110 lbs)



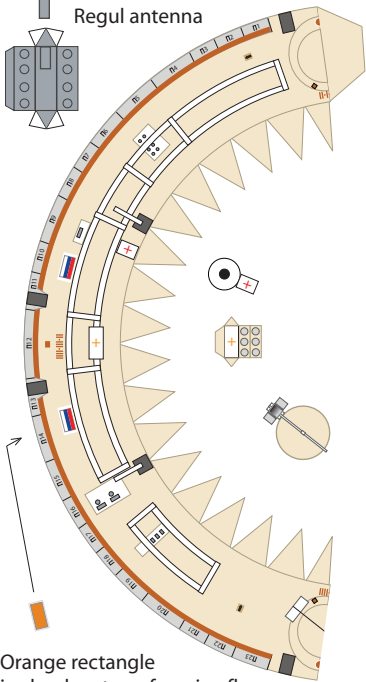
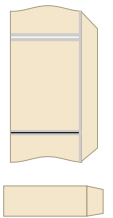
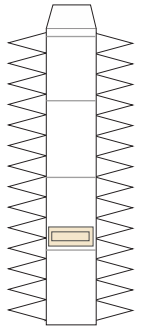
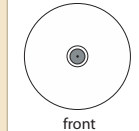
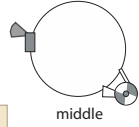
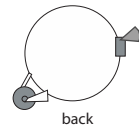
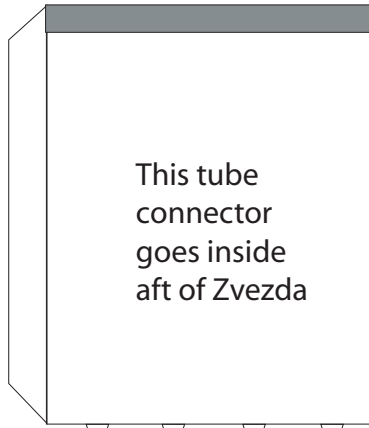
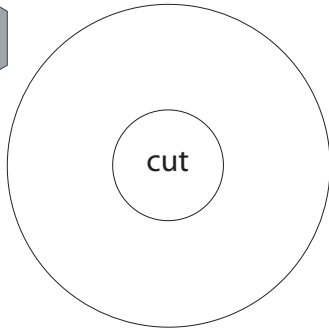
Zvezda

1:100 Scale

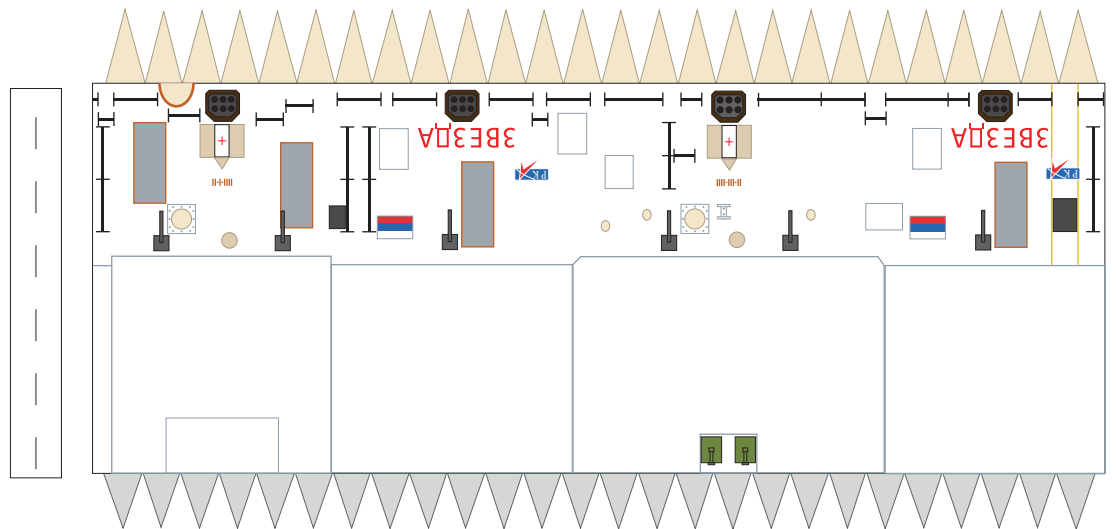


Regul antenna

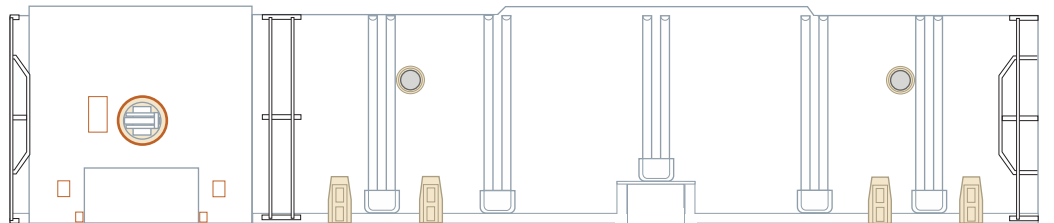
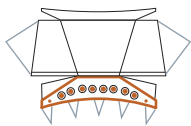
Reboost engine blocks



Regul antenna



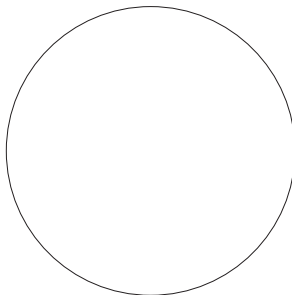
Orange rectangle is glued on top of russian flag (ISS configuration post 4R: after PIRS docking module was added to ISS)



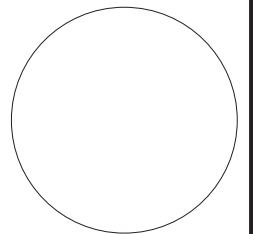
Zvezda main body



Zvezda large cone reinforcer



Zvezda large cone reinforcer





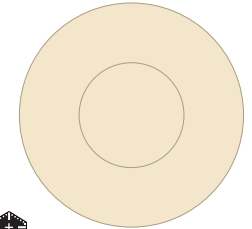
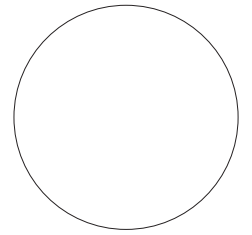
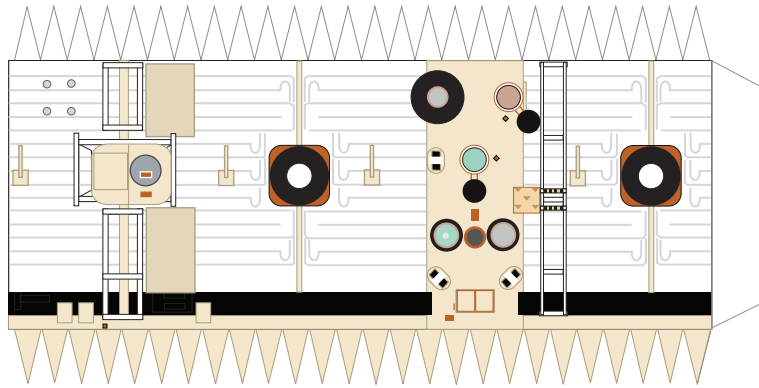
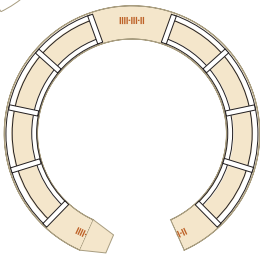
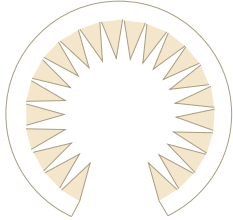
1 cm
1 inch

Print on Cardstock (110 lbs)

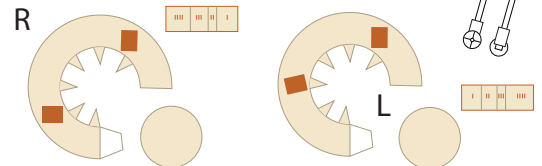
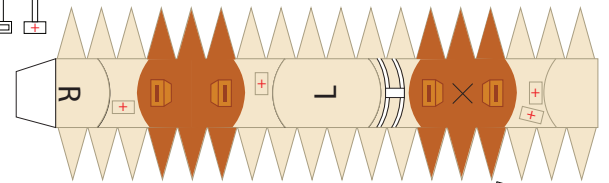
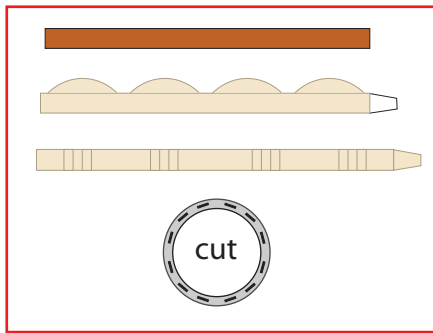
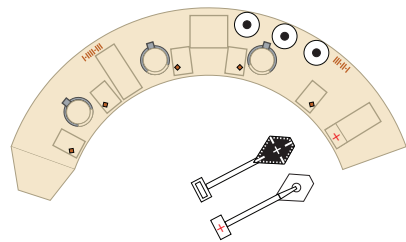
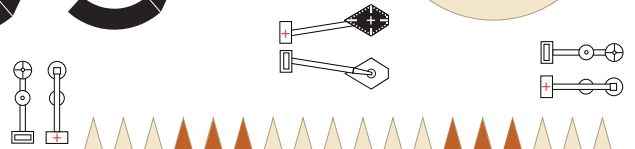


Zvezda

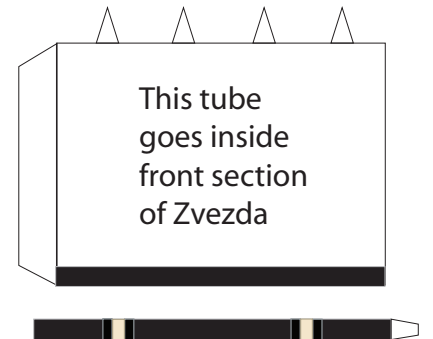
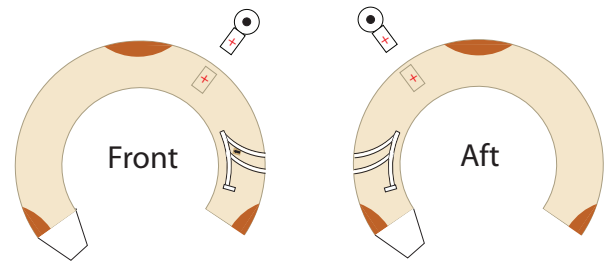
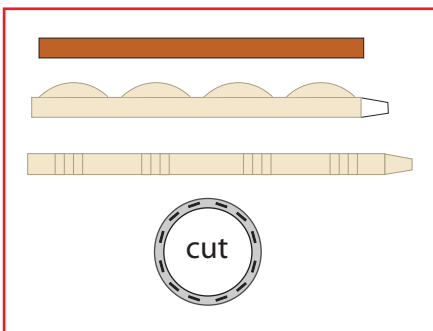
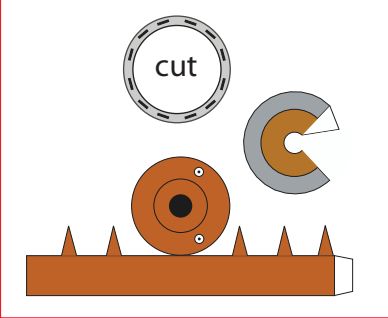
1:100 Scale



Star Mappers



Zvezda front docking cone



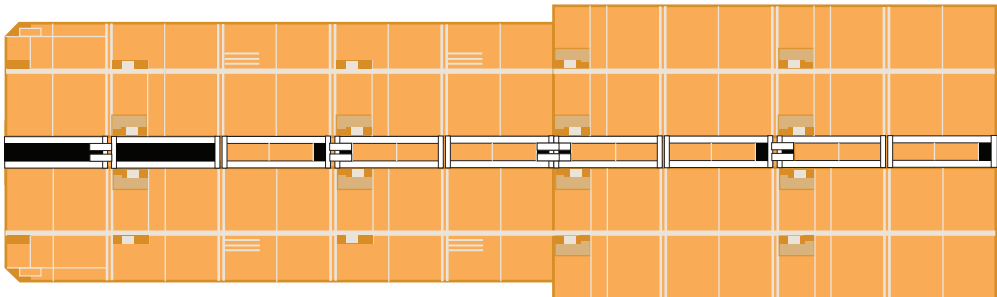
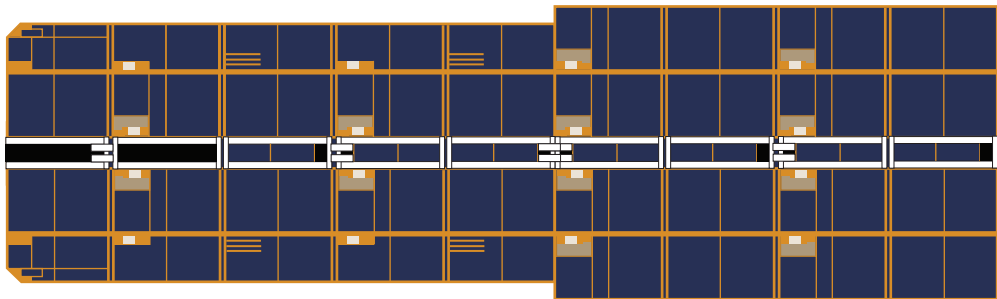
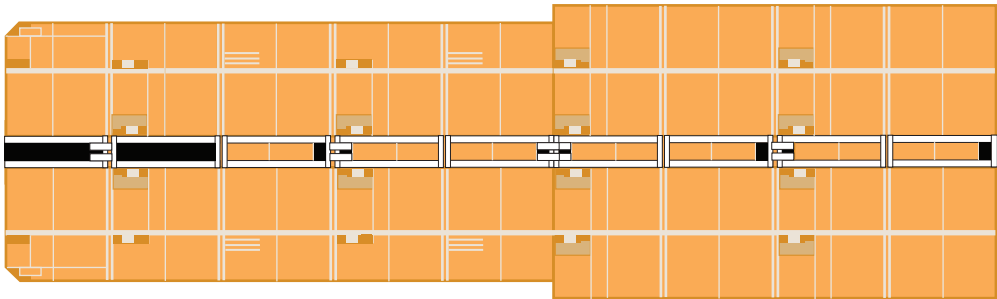
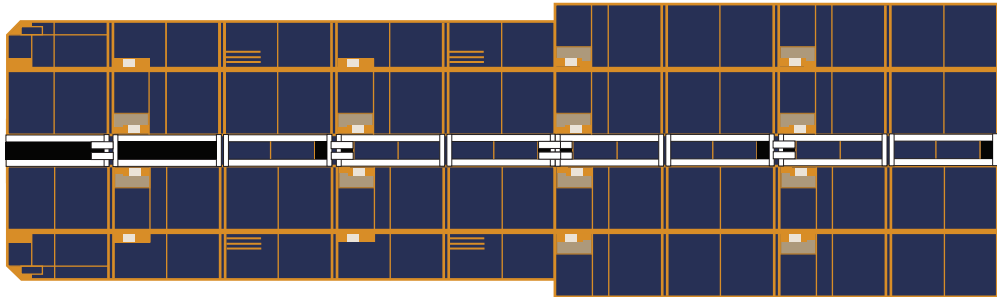
This tube goes inside front section of Zvezda



Print on Cardstock (90 lbs) Zvezda solar panels



1:100 Scale



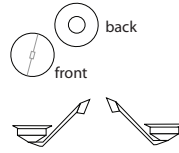


1 cm
1 inch

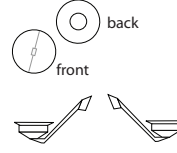
Print on Cardstock (110 lbs) "PIRS" Docking Module



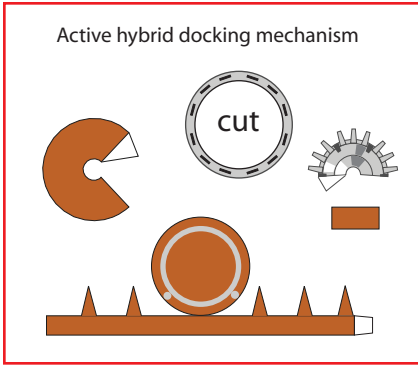
1:100 Scale



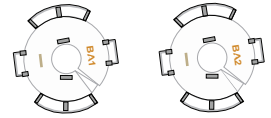
KURS



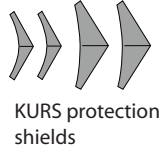
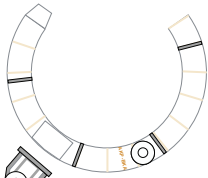
KURS



EV HATCH 1 EV HATCH 2

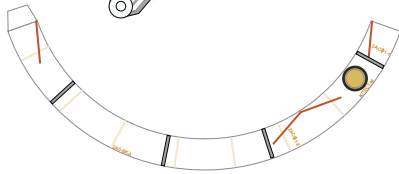


Ring 1



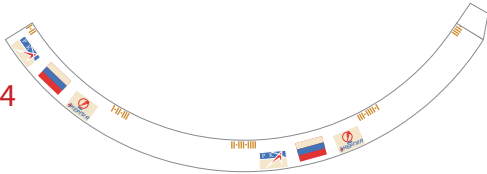
KURS protection shields

Ring 2

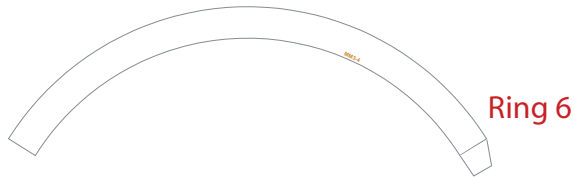


Ring 3

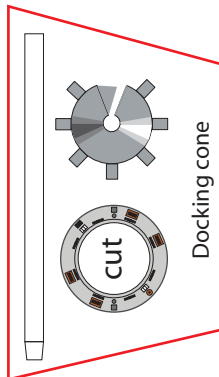
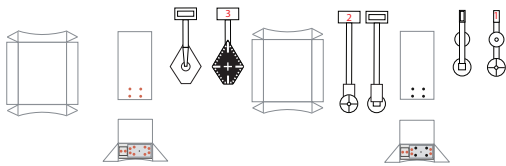
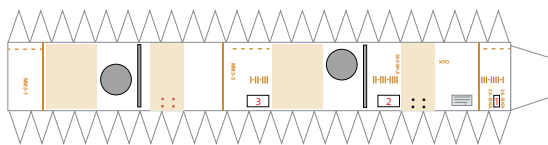
Ring 4



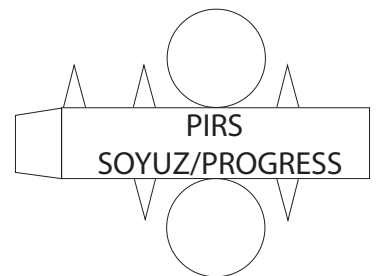
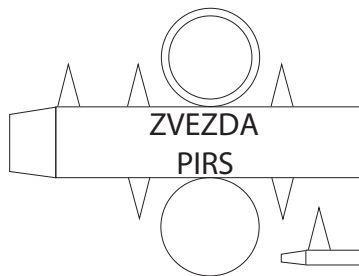
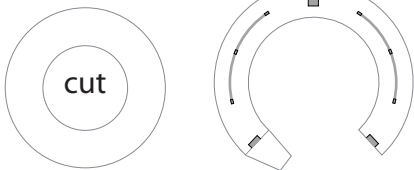
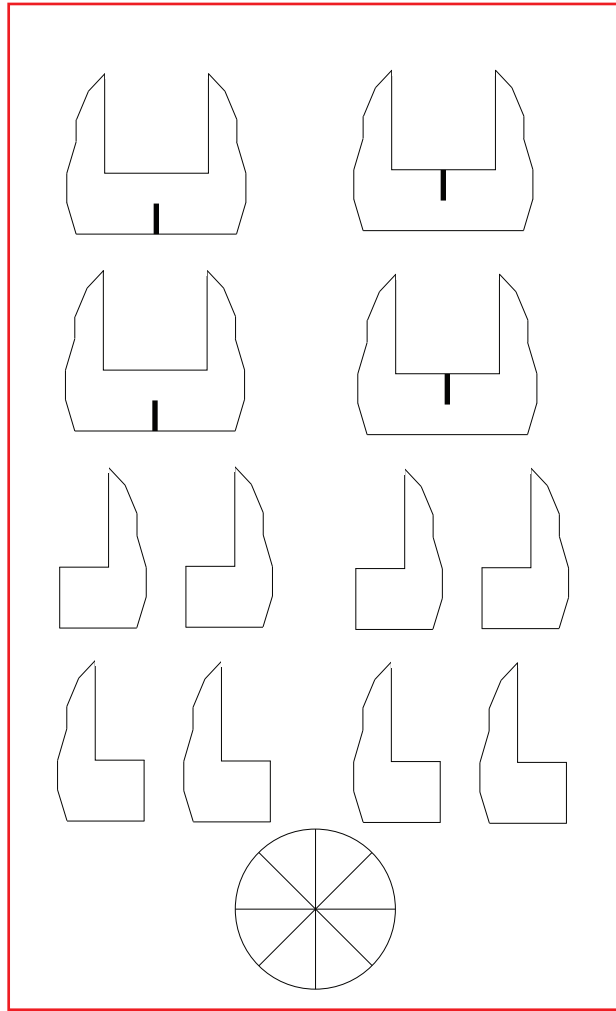
Ring 5



Ring 6



Docking cone





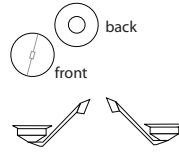
1 cm
1 inch

Print on Cardstock (110 lbs)

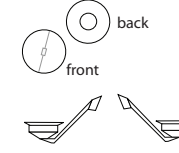
MRM-2 "POISK"



1:100 Scale

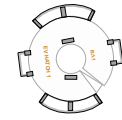
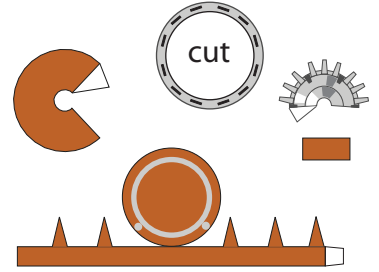


KURS

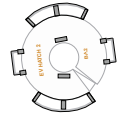


KURS

Active hybrid docking mechanism

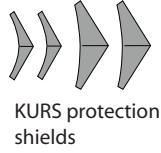
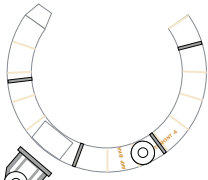


EV HATCH 1



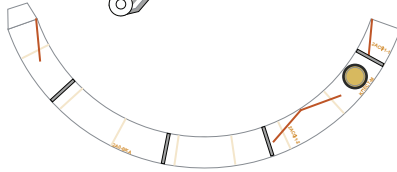
EV HATCH 2

Ring 1



KURS protection shields

Ring 2

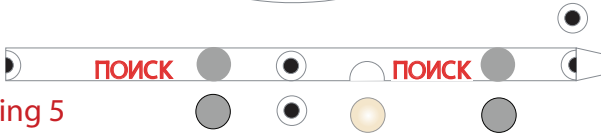


Ring 3

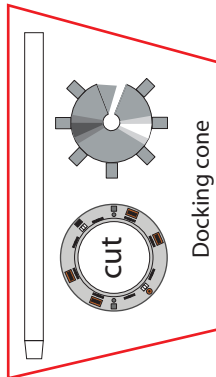
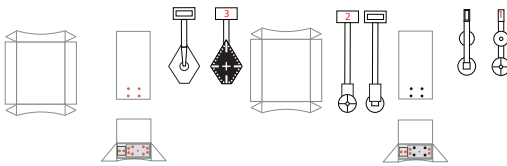
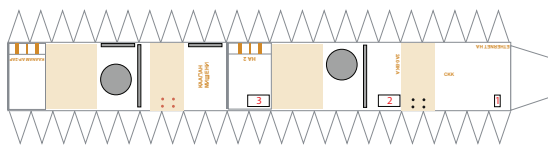
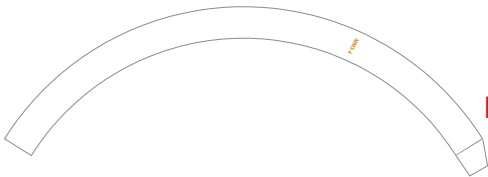
Ring 4



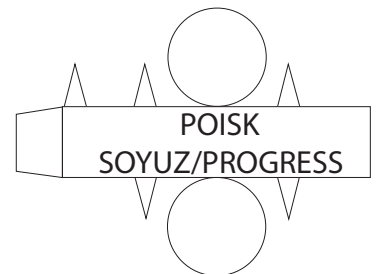
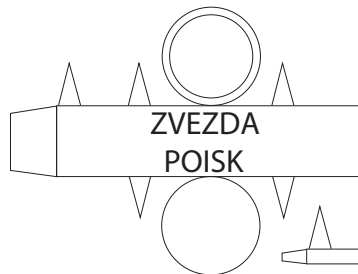
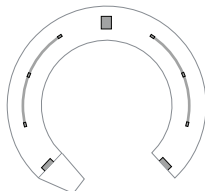
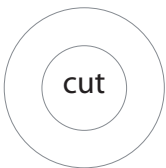
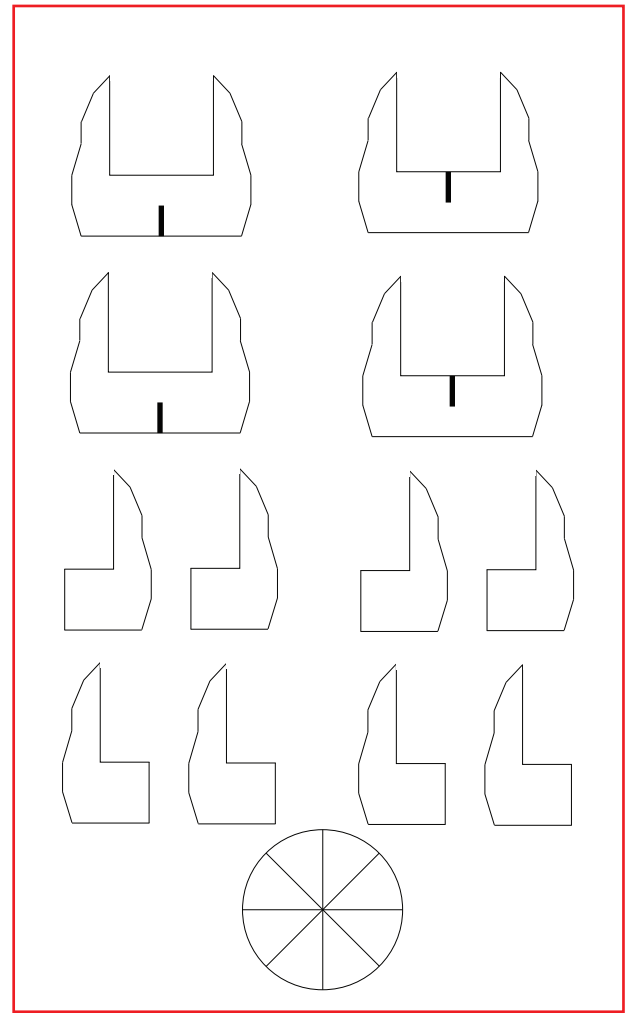
Ring 5



Ring 6



Docking cone





1 cm
1 inch

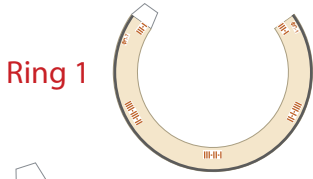
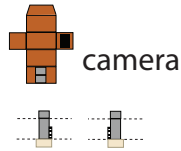
Print on Cardstock (90 lbs)



Mini Research Module-1 (MRM-1)

"RASSVET"

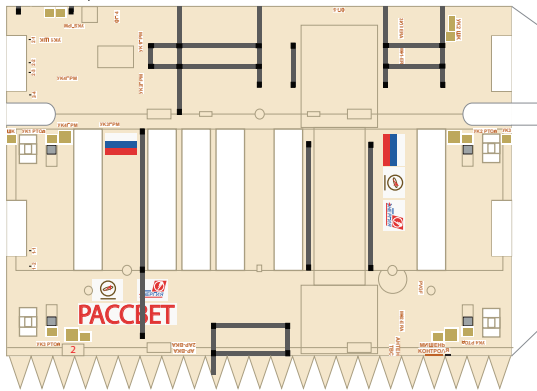
1:100 Scale
Sheet 1



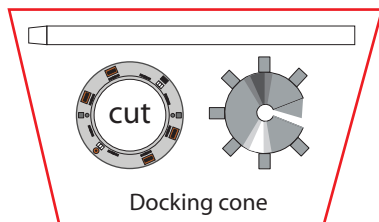
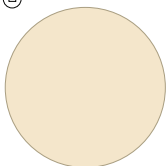
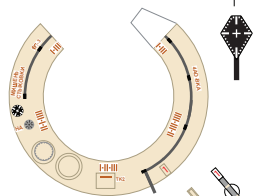
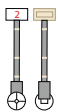
Ring 2



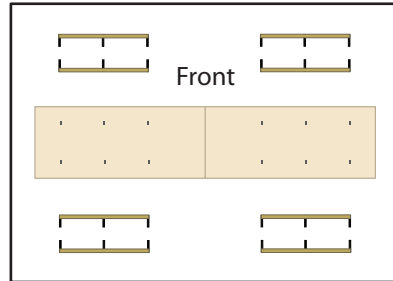
camera



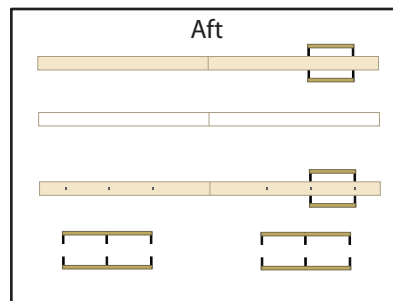
PACCBET



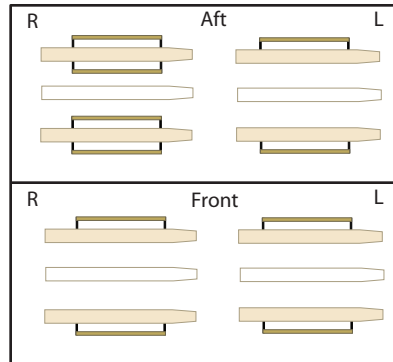
Docking cone



Front

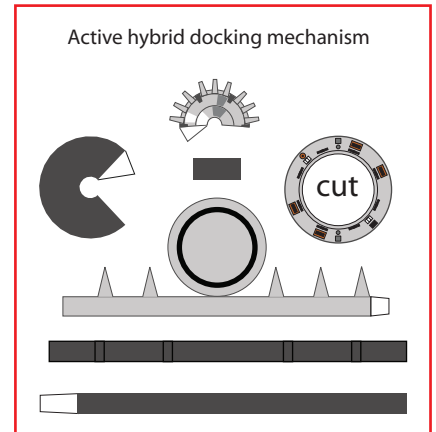
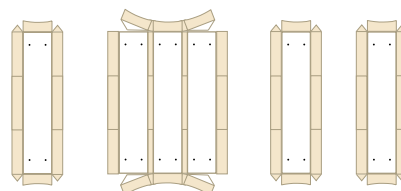
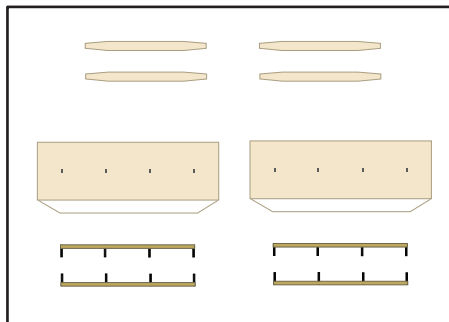


Aft

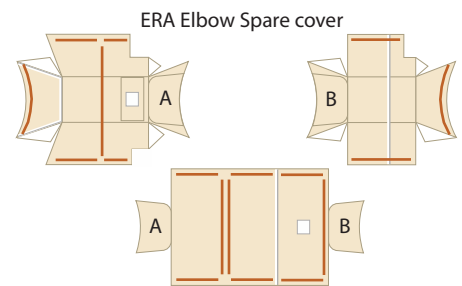


Aft

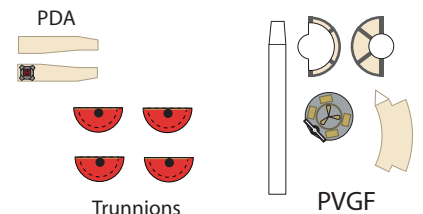
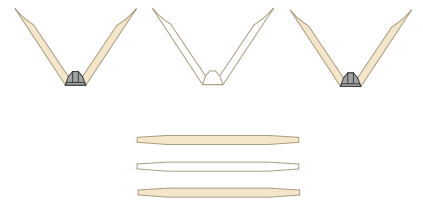
Front



Active hybrid docking mechanism

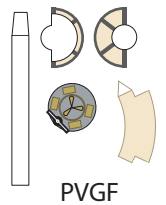


ERA Elbow Spare cover

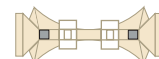
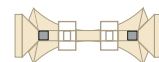


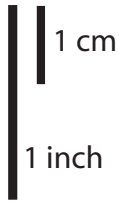
PDA

Trunnions



PVGF
(Power & Video
Grapple Fixture)

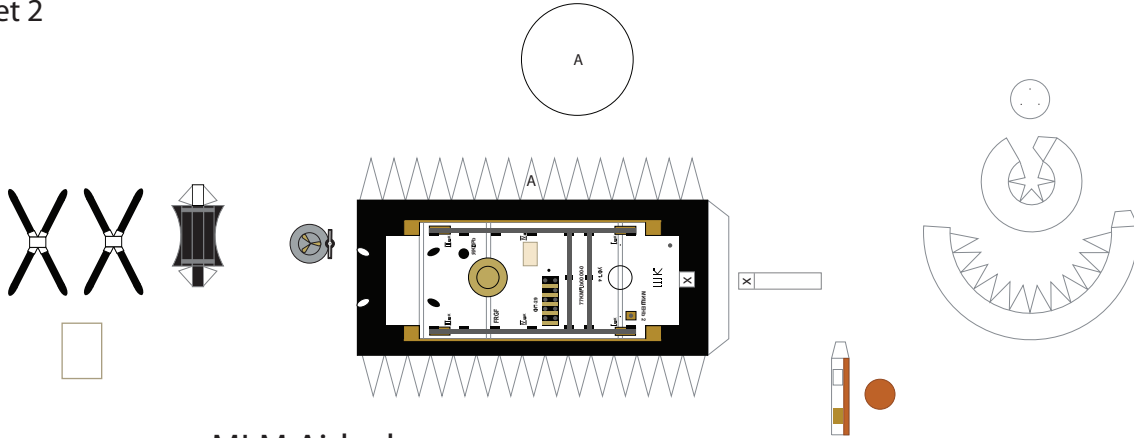




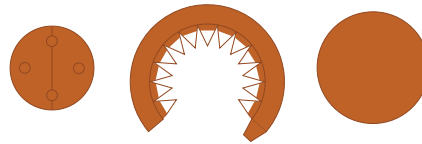
Print on Cardstock (90 lbs)
 Mini Research Module-1 (MRM-1)
 "RASSVET"



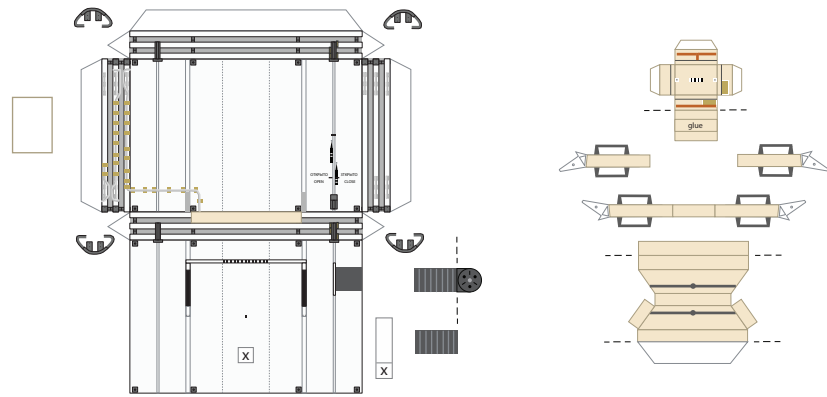
1:100 Scale
 Sheet 2



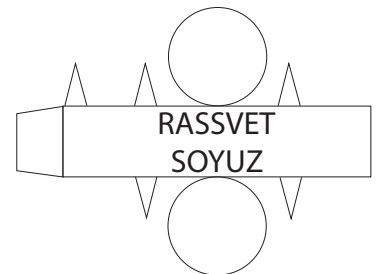
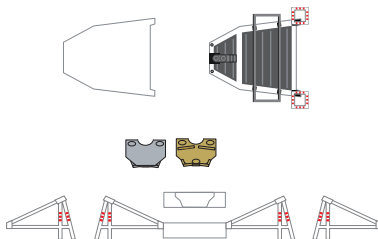
MLM Airlock



MLM Radiator



Portable Work Platform





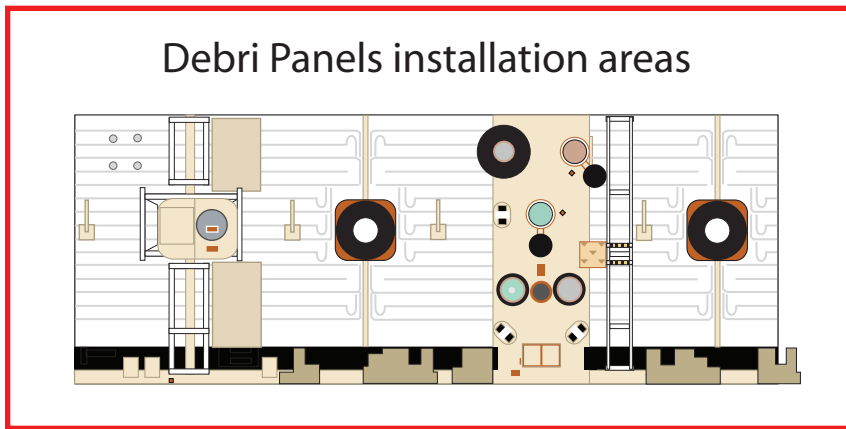
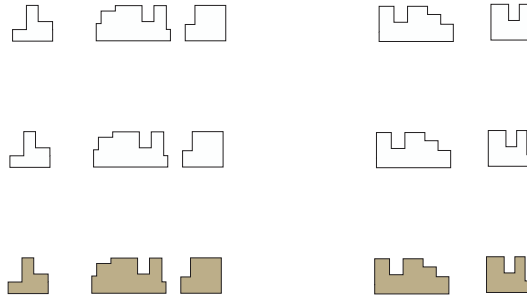
1:100 Scale



Print on Cardstock (90 lbs)



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



1:144 Scale





1 cm
1 inch

Print on Cardstock (90 lb)



Service Module Debris Panel layout on Zvezda

1:100 Scale

