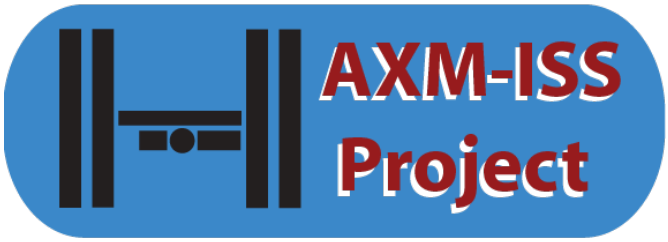


AXM International Space Station 1:100 scale combo kit #3 (Russian Segment)

Contents:

ZARYA and Docking Target

ZVEZDA Service Module

PIRS (DC-1)

POISK (MRM-2)

RASSVET (MRM-1)

5 Debri panels for small diameter of Zvezda

©2013

AXM Paper Space Scale Modeling

1 cm

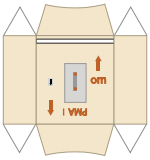
1 inch

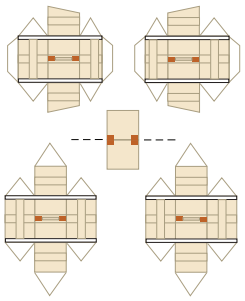
Print on Cardstock (110 lbs)

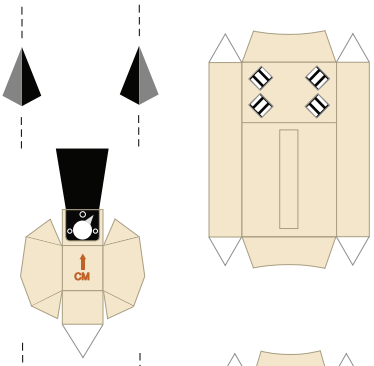
Zarya

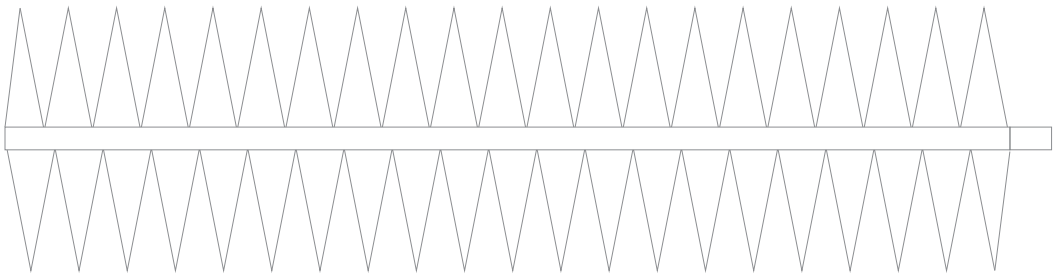
AXM-ISS Project

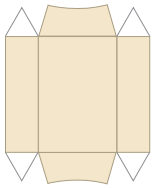
1:100 Scale

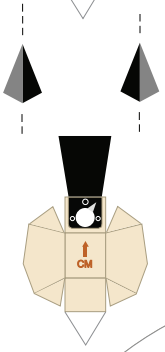


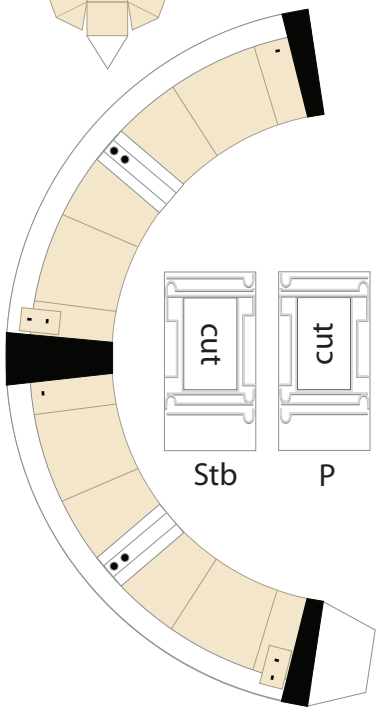


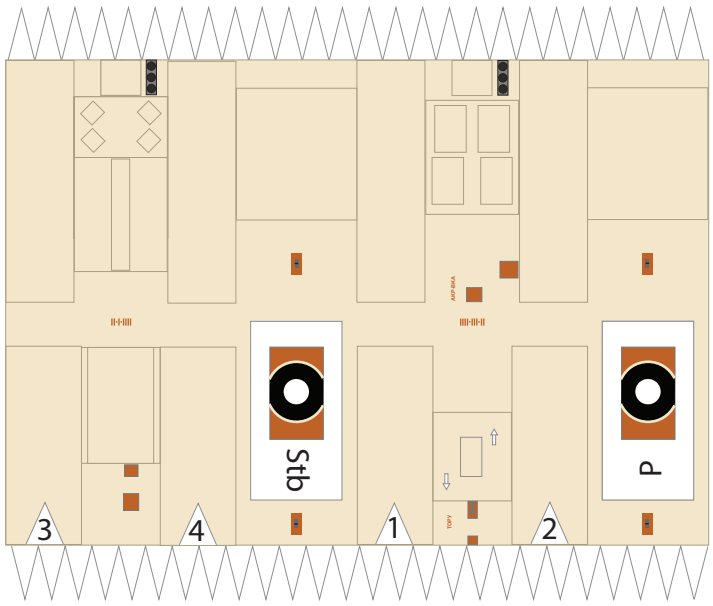


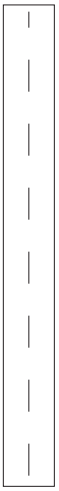


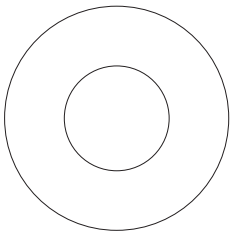


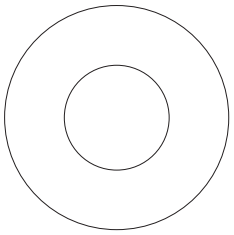


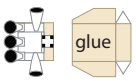


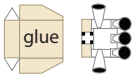


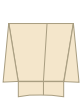


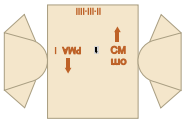


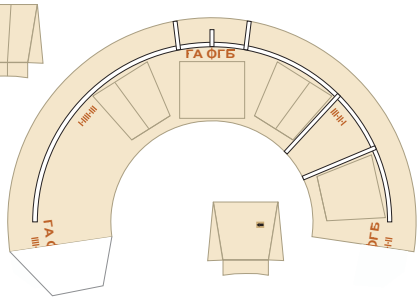


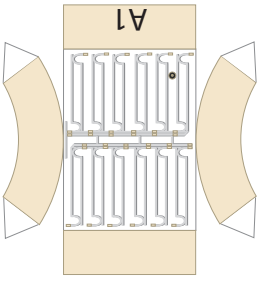


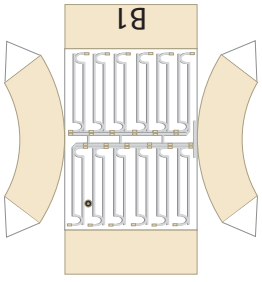












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Print on Cardstock (110 lbs)

Zarya

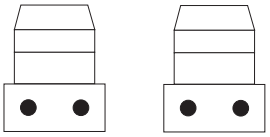
AXM-ISS Project

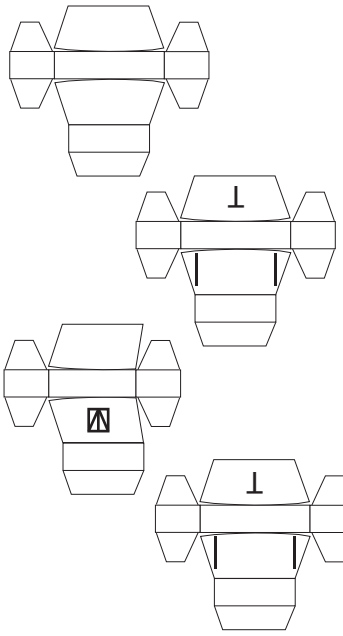
AXM Paper Space Scale Modeling

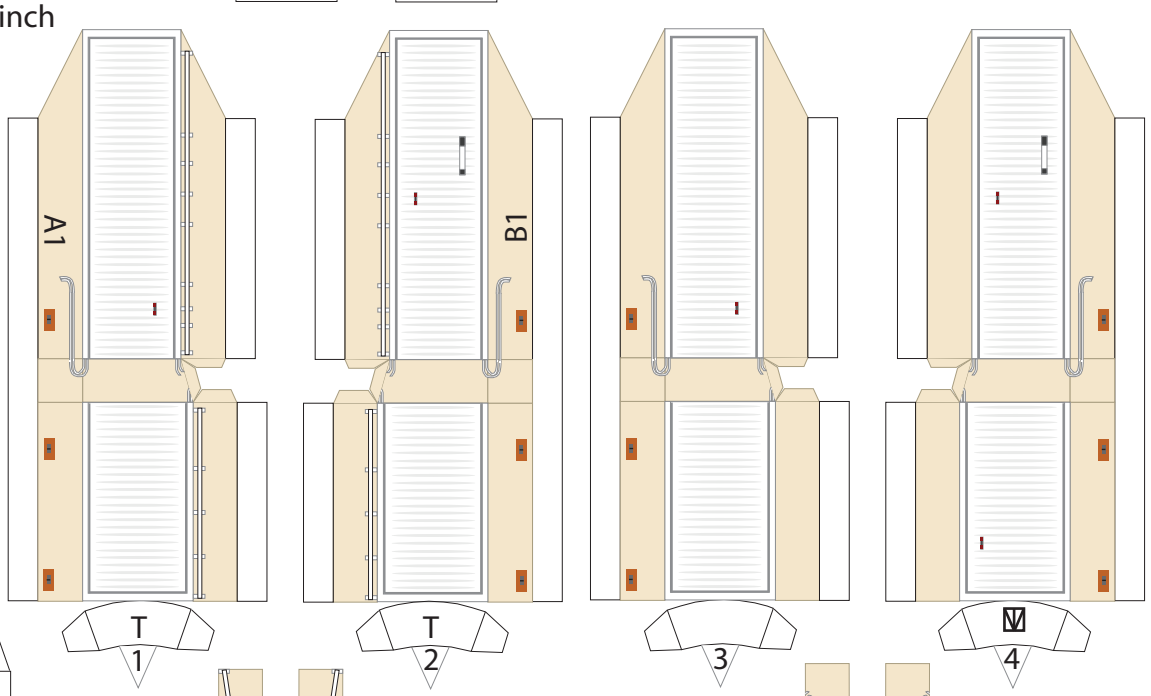
1 cm

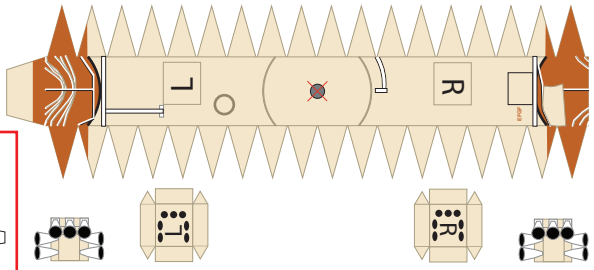
1 inch

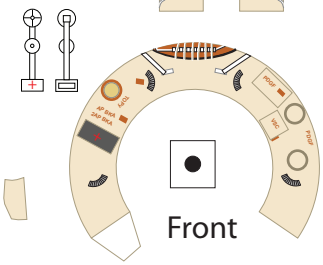
1:100 Scale

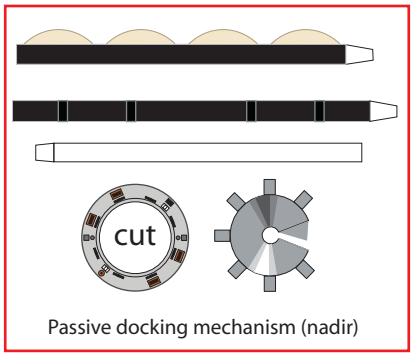




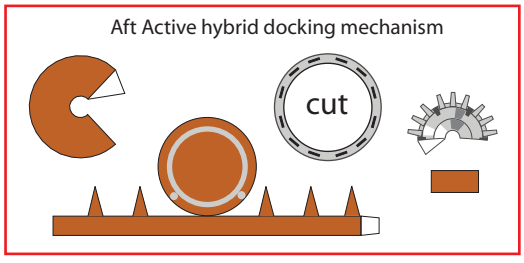


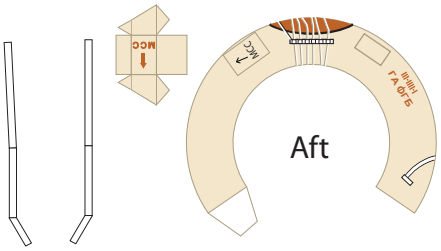


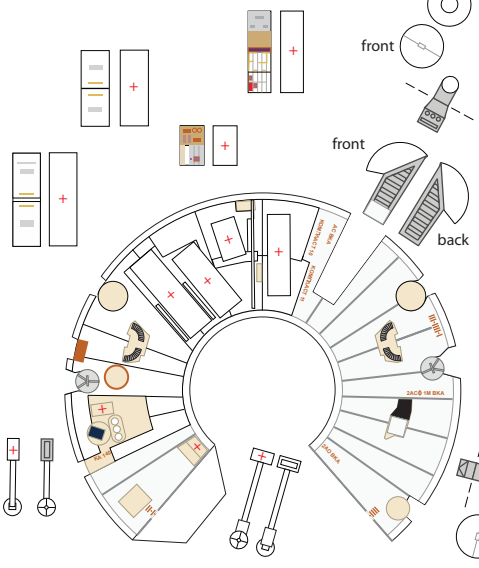


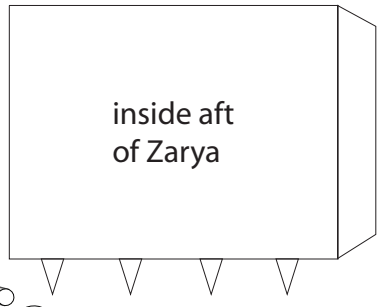


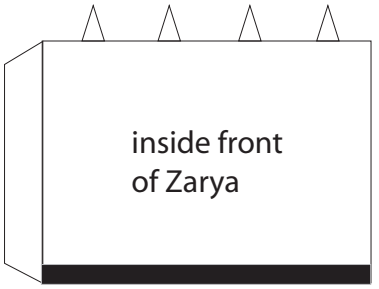
Passive docking mechanism (nadir)

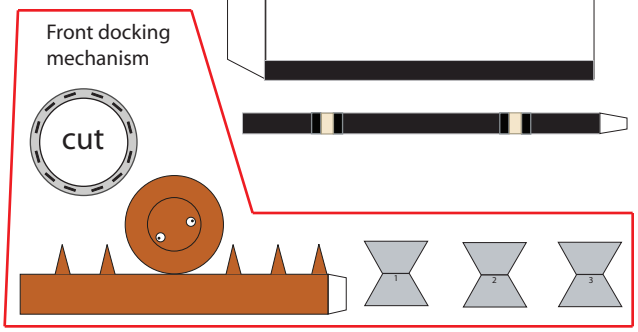












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Print on Cardstock (90 lbs)

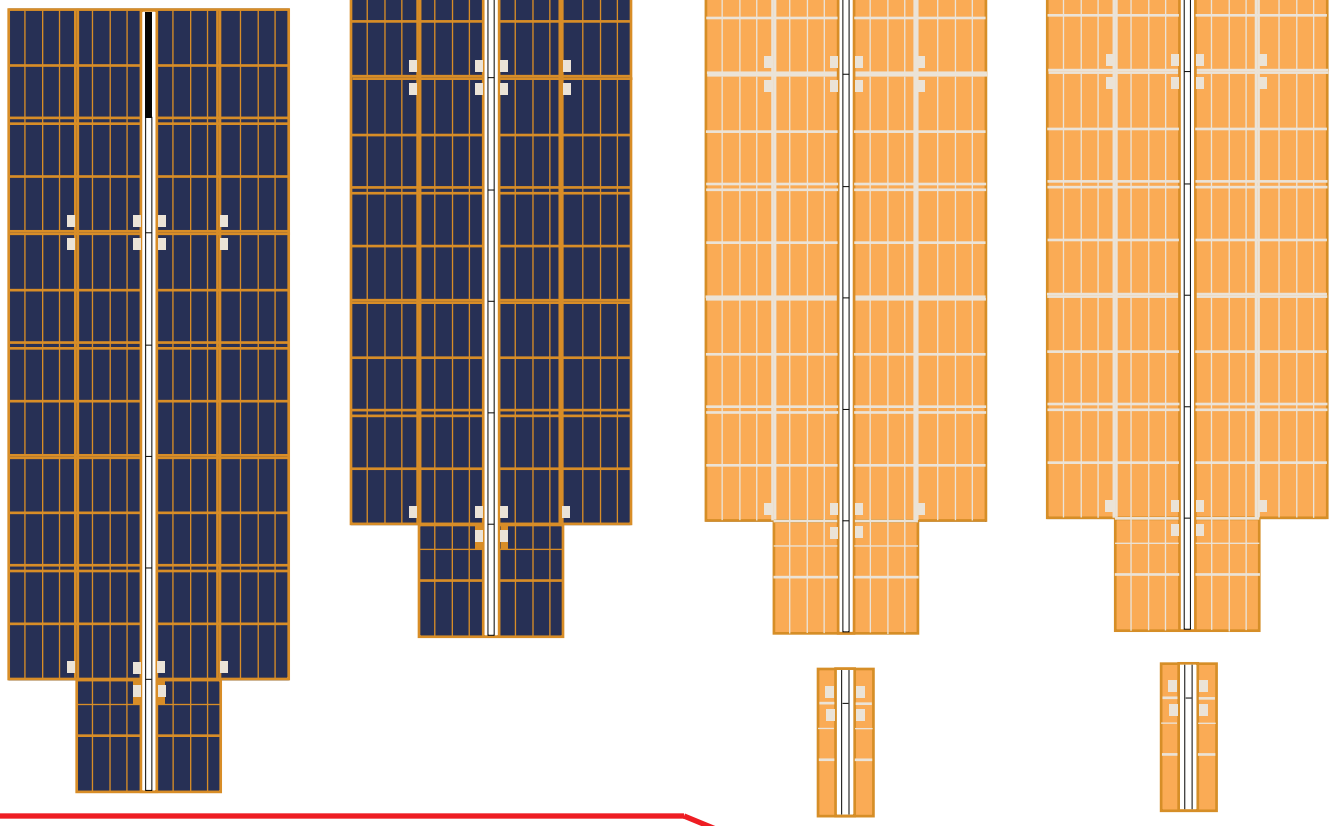
Zarya solar panels

AXM-ISS Project

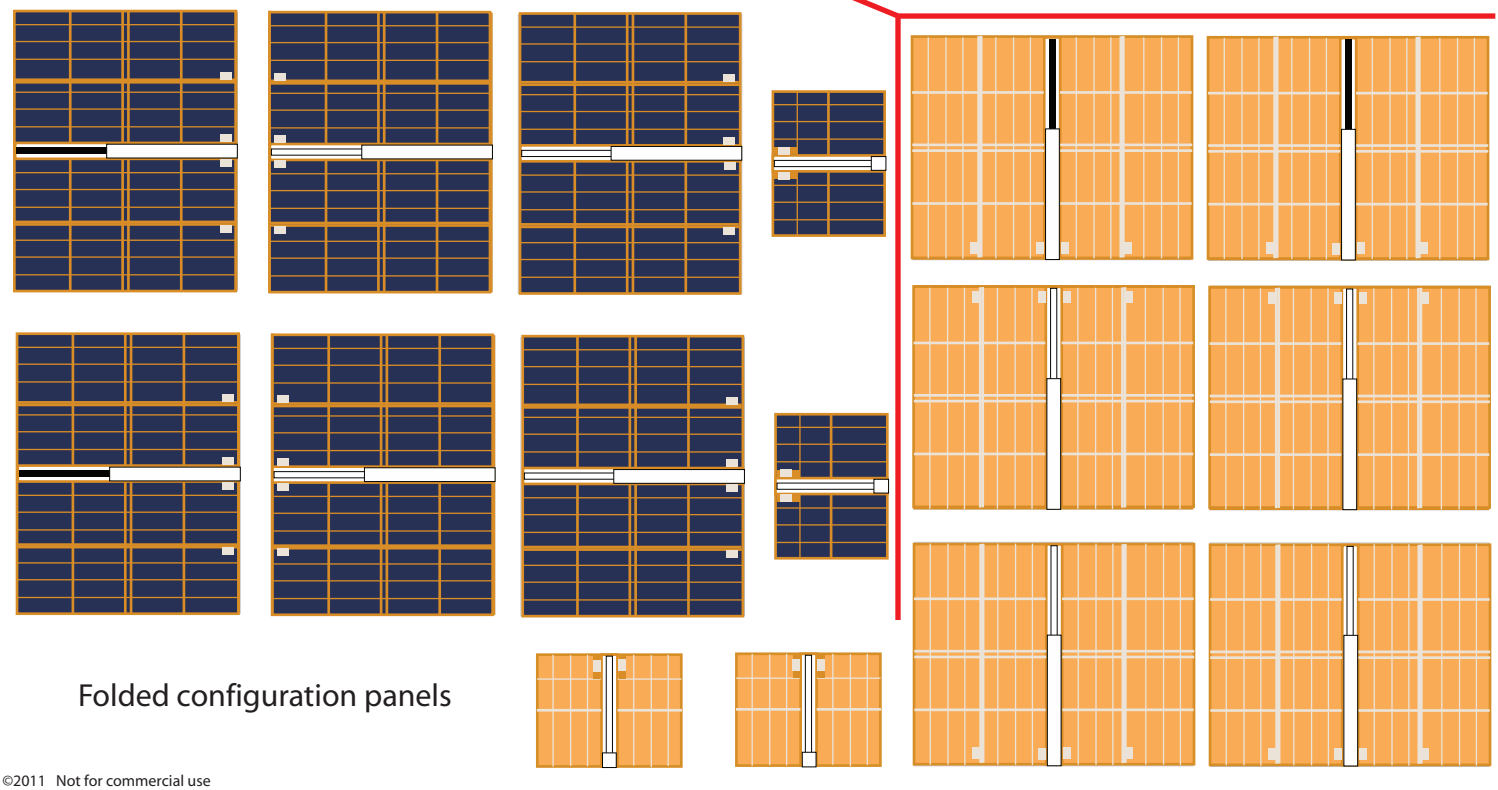
1 cm

1 inch

1:100 Scale



Folded configuration panels



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1 cm

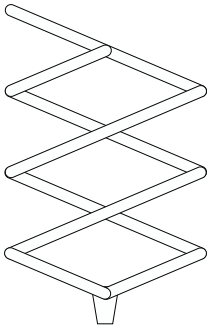
1 inch

Print on Cardstock (110 lbs)

Zarya

1:100 Scale

inner



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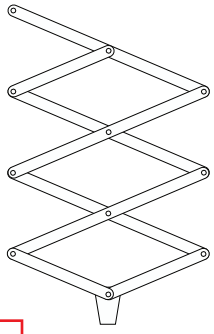

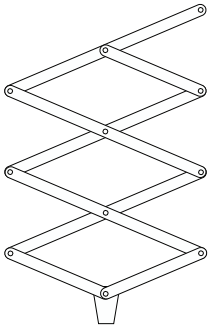

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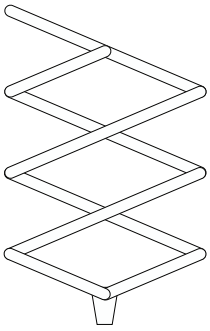

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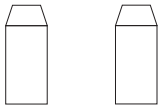
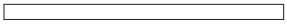
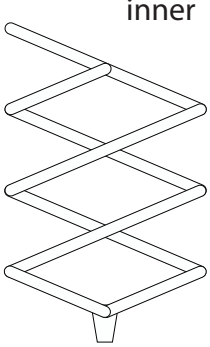




Cut a cottonswab (37 mm of length and 2 mm of width) and use as a connector for the folded wing configuration



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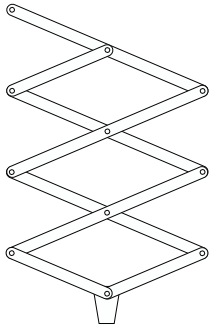
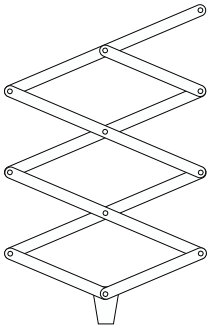
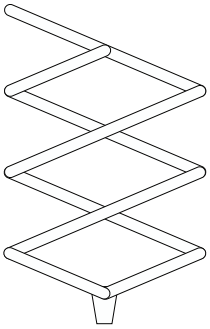




outer



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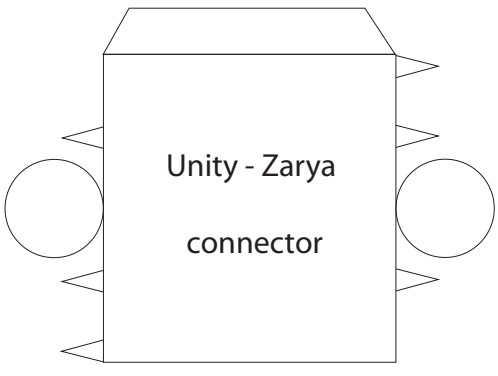

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1 cm

1 inch

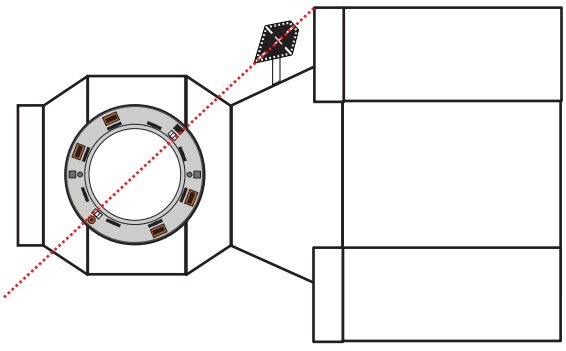
Print on Cardstock (90 lbs)

1:100 Scale

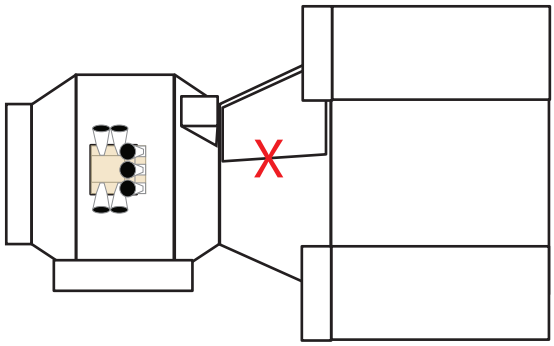
Docking Target for Zarya Module

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

Schematic for docking target location in Zarya:



Bottom view



Left side view

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AXM Paper Space Scale Modeling

1 cm

1 inch

1:100 Scale

AXM-ISS Project

Print on Cardstock (110 lbs)

Zvezda

cut

Zvezda aft docking cone

Regul antenna

Reboost engine blocks

cut

This tube connector goes inside aft of Zvezda

back

middle

front

cut

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

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Print on Cardstock (110 lbs)

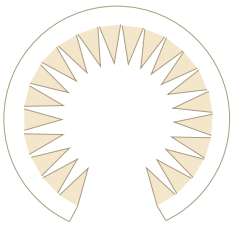
AXM-ISS Project

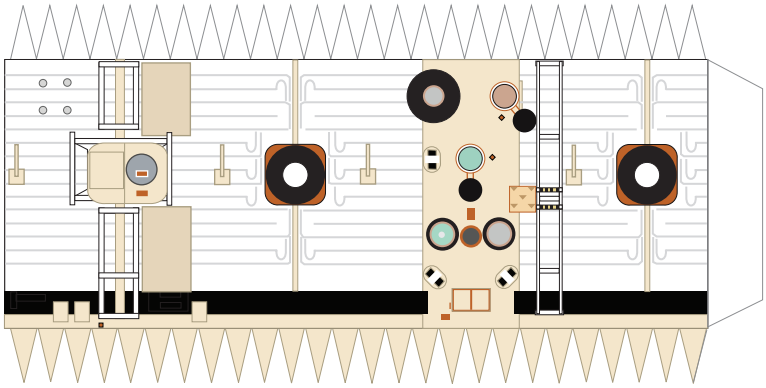
Zvezda

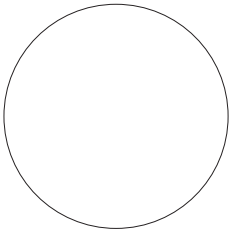
1 cm

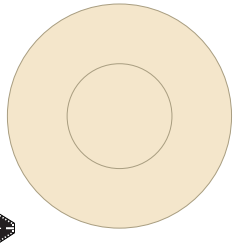
1 inch

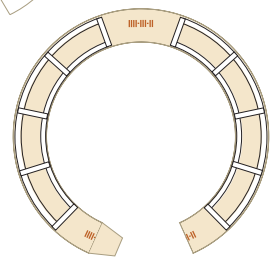
1:100 Scale



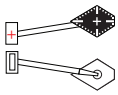


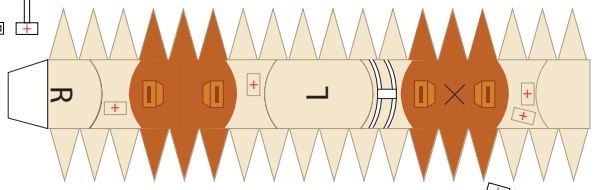


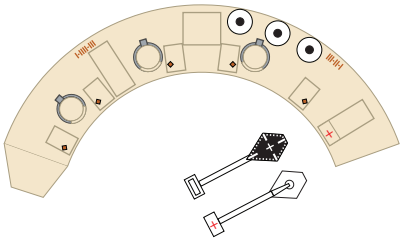


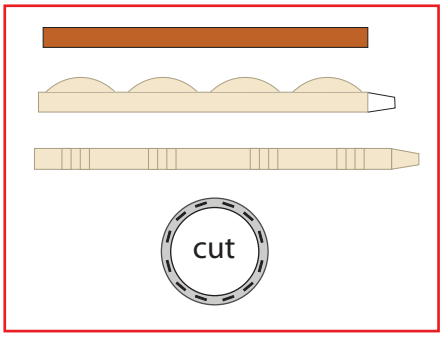


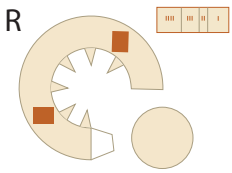
Star Mappers

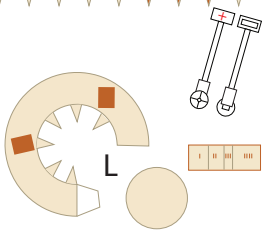




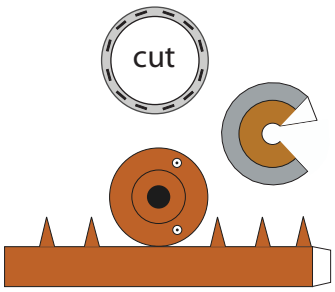


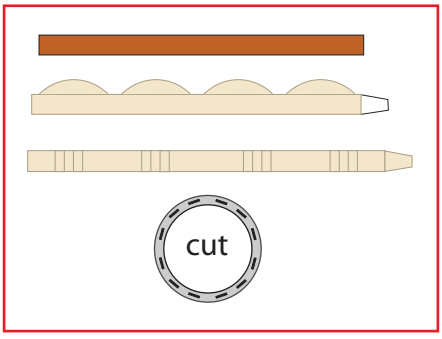


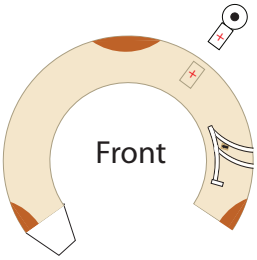


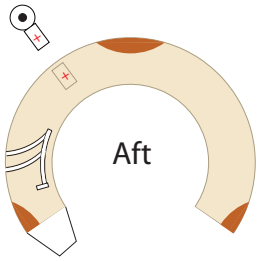


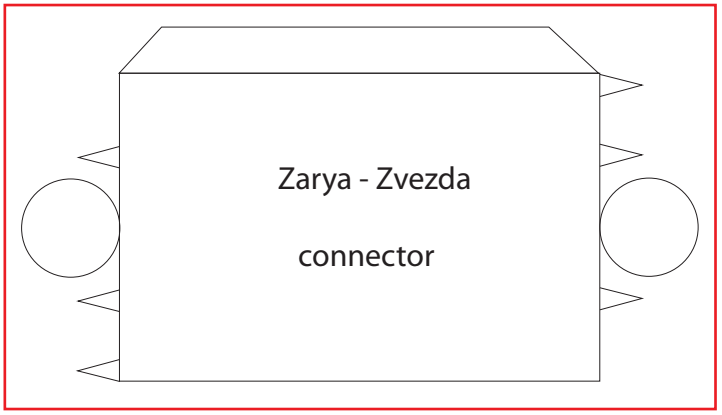
Zvezda front docking cone

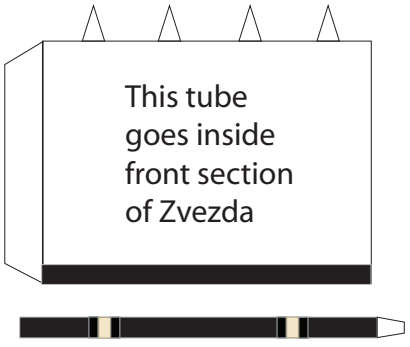












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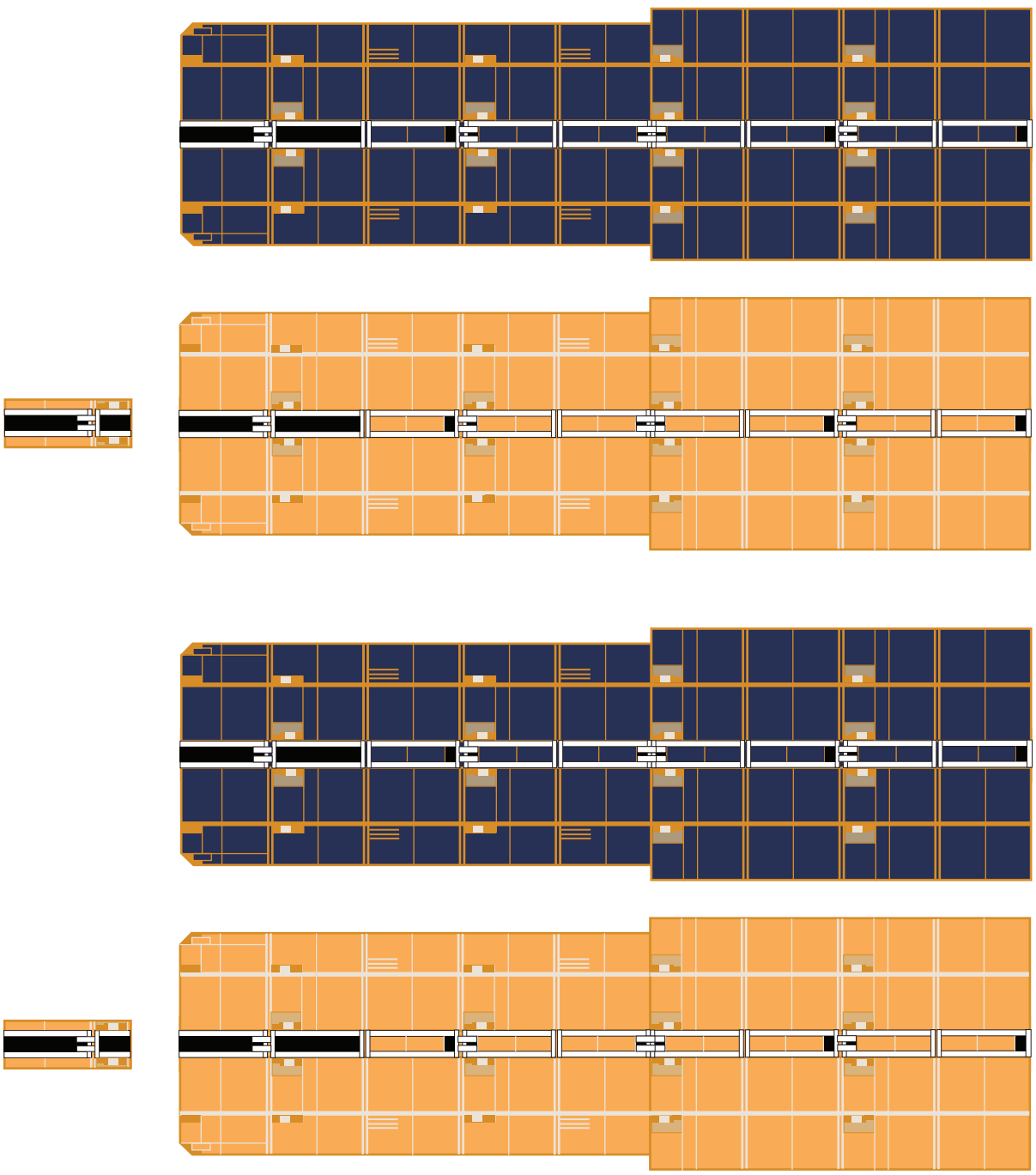
Print on Cardstock (90 lbs)

Zvezda solar panels

1 cm

1 inch

1:100 Scale



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Print on Cardstock (110 lbs)

"PIRS" Docking Module

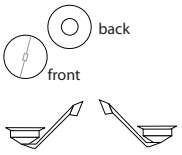
AXM Paper Space Scale Modeling

AXM-ISS Project

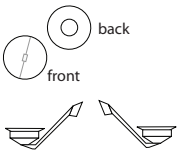
1 cm

1 inch

1:100 Scale

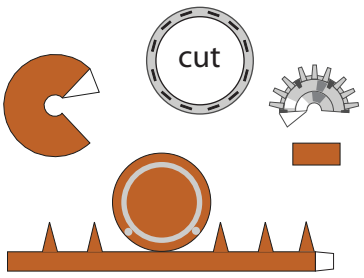


KURS

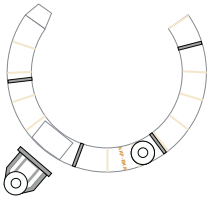


KURS

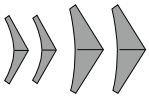
Active hybrid docking mechanism



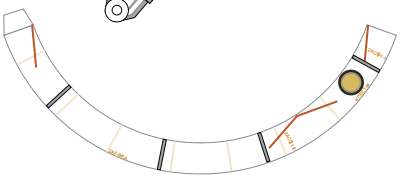
Ring 1

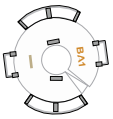


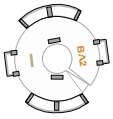
KURS protection shields



Ring 2



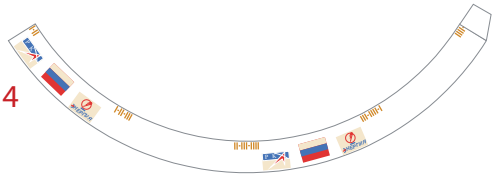


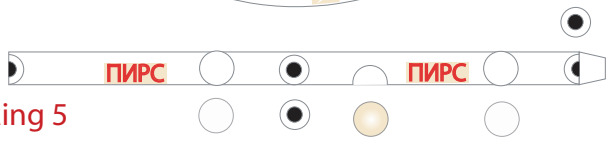


EV HATCH 1 EV HATCH 2

Ring 3

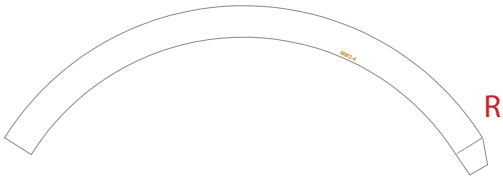
Ring 4

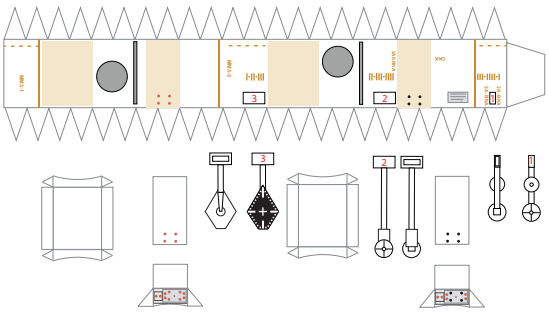


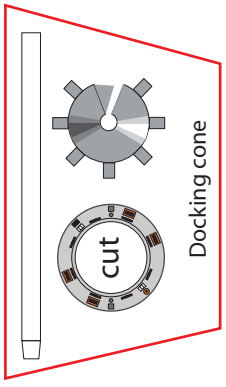


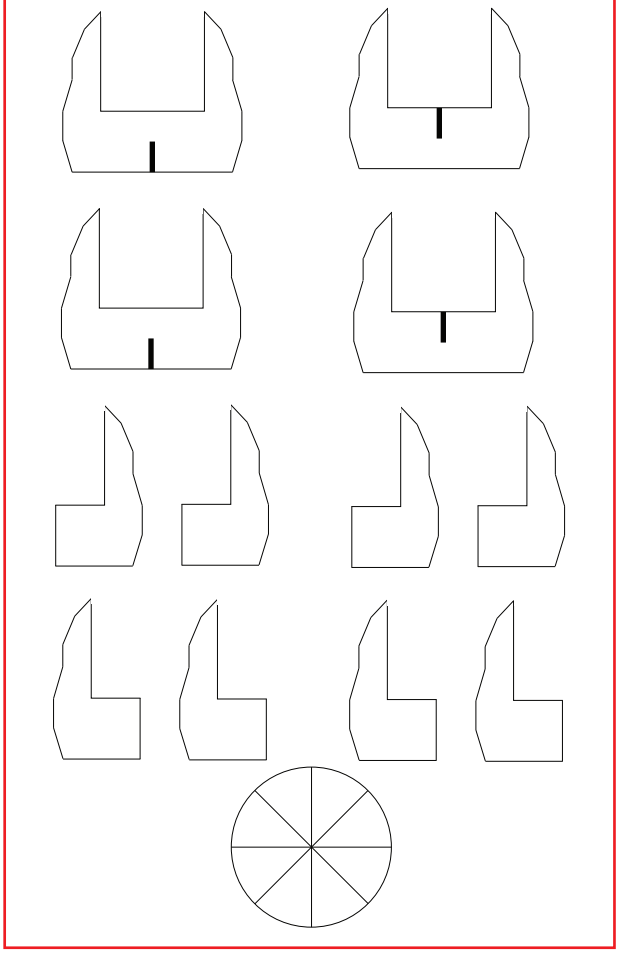
Ring 5

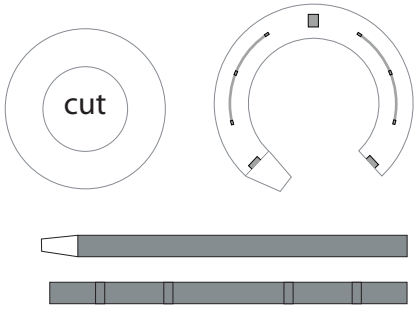
Ring 6

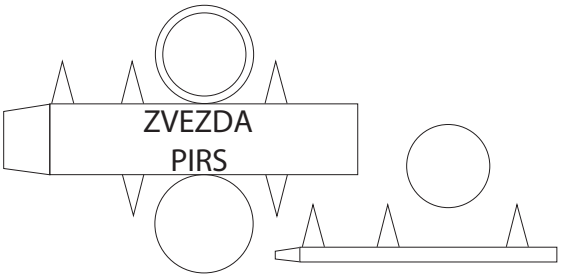


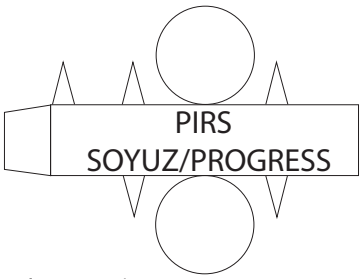












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MRM-2 "POISK"

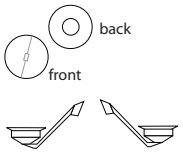
AXM-ISS Project

AXM Paper Space Scale Modeling

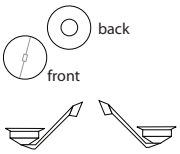
1 cm

1 inch

1:100 Scale

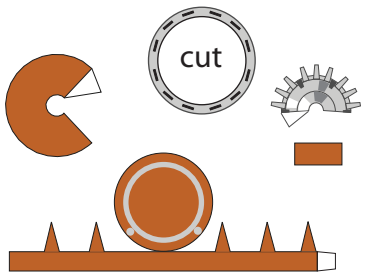


KURS

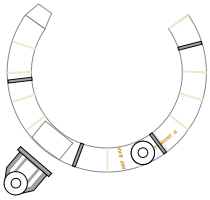


KURS

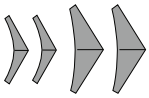
Active hybrid docking mechanism



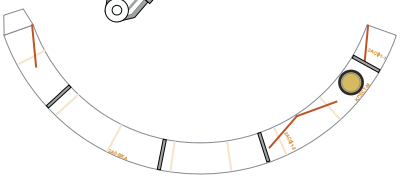
Ring 1

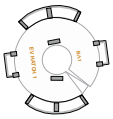


KURS protection shields

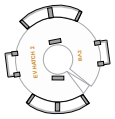


Ring 2





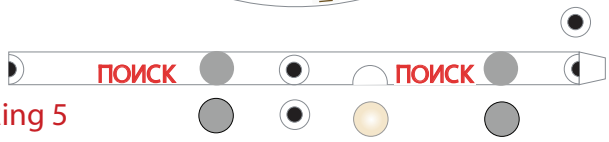
EV HATCH 1



EV HATCH 2

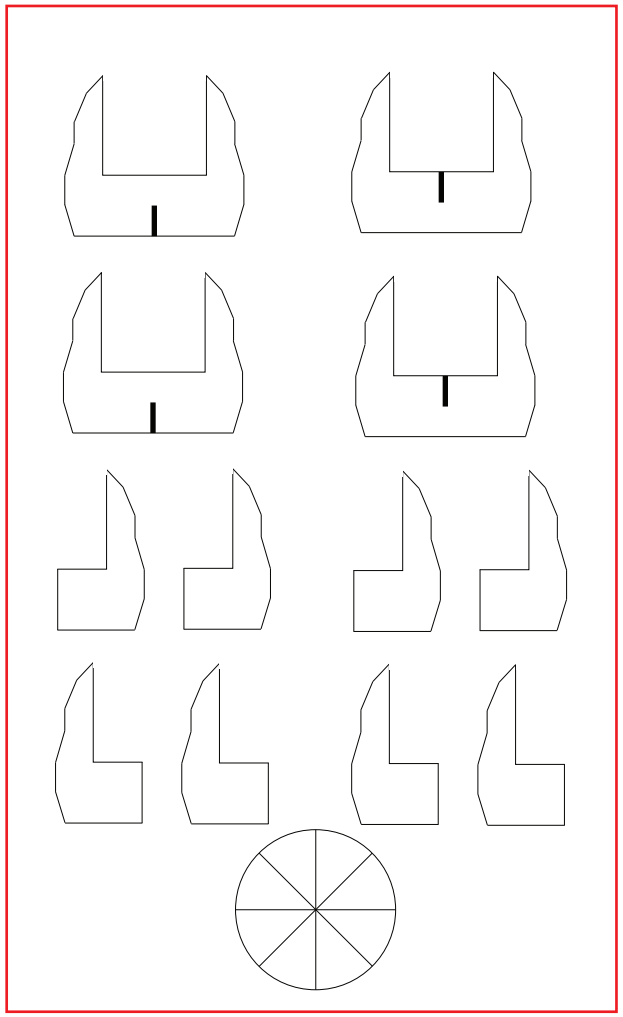
Ring 3

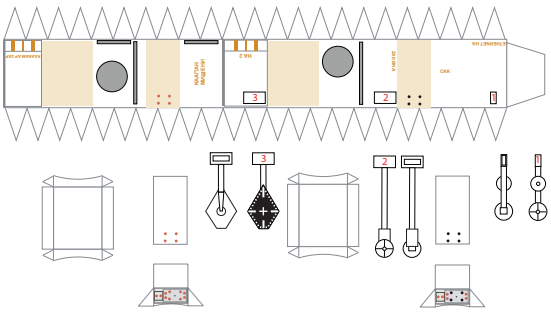
Ring 4

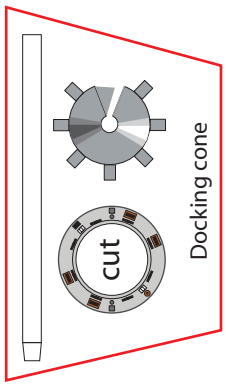


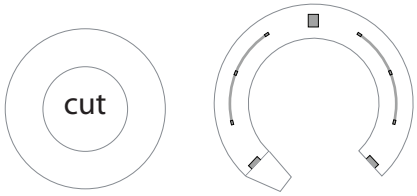
Ring 5

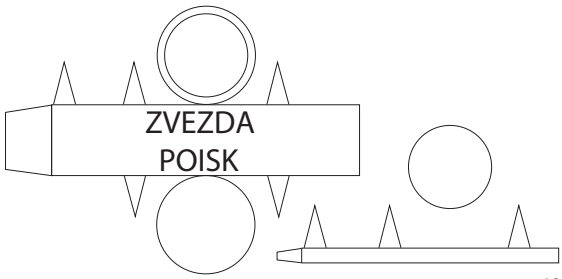
Ring 6

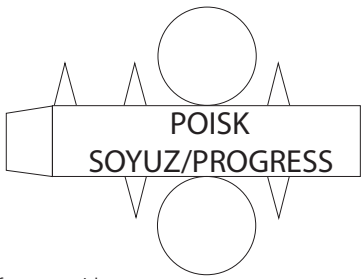












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AXM Paper Space Scale Modeling

1 cm

1 inch

Print on Cardstock (90 lbs)

AXM-ISS Project

Mini Research Module-1 (MRM-1)

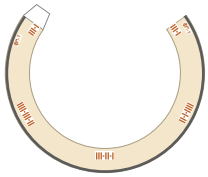
"RASSVET"

1:100 Scale

Sheet 1

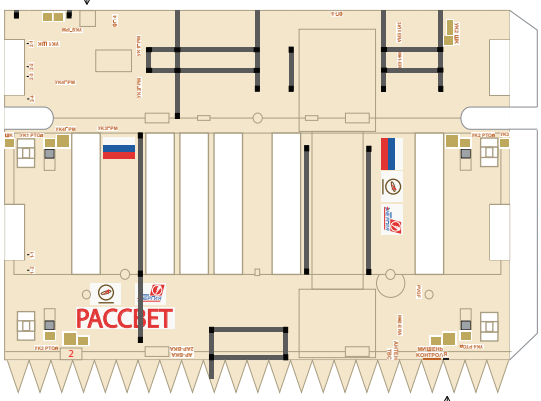
camera

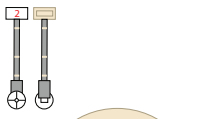
Ring 1

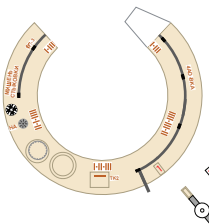


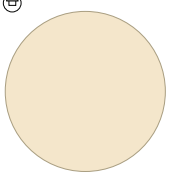
Ring 2

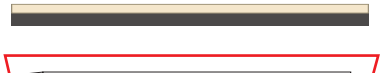
camera

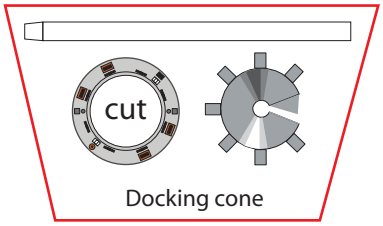




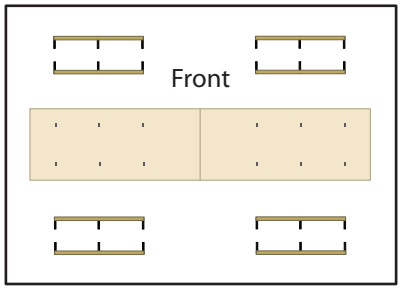


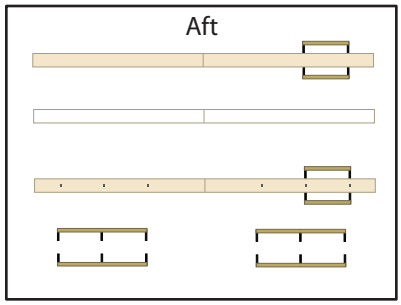


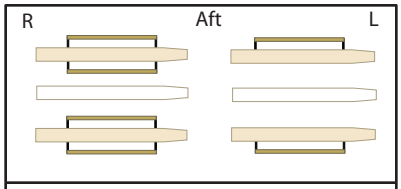


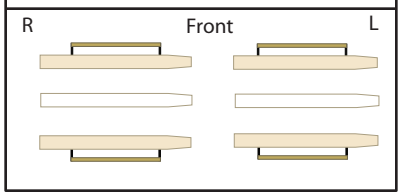


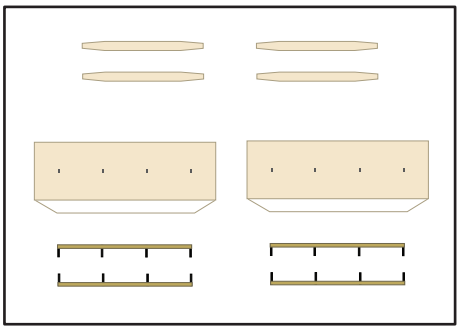
Docking cone

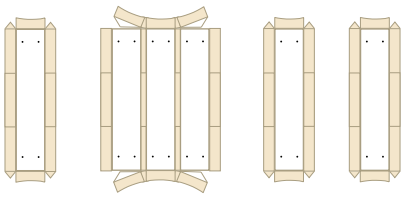




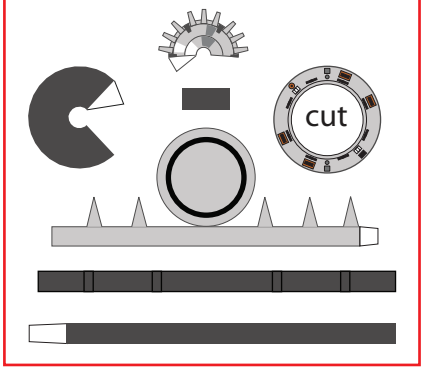




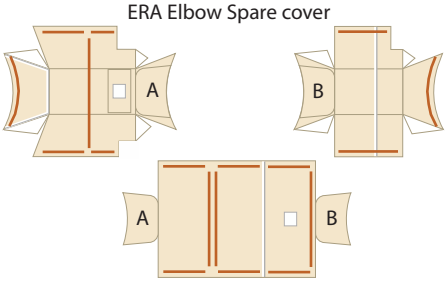


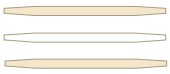


Active hybrid docking mechanism



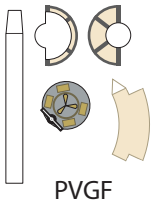
ERA Elbow Spare cover





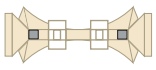
PDA

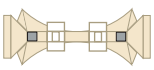
Trunnions



PVGF

(Power & Video Grapple Fixture)





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1 cm

1 inch

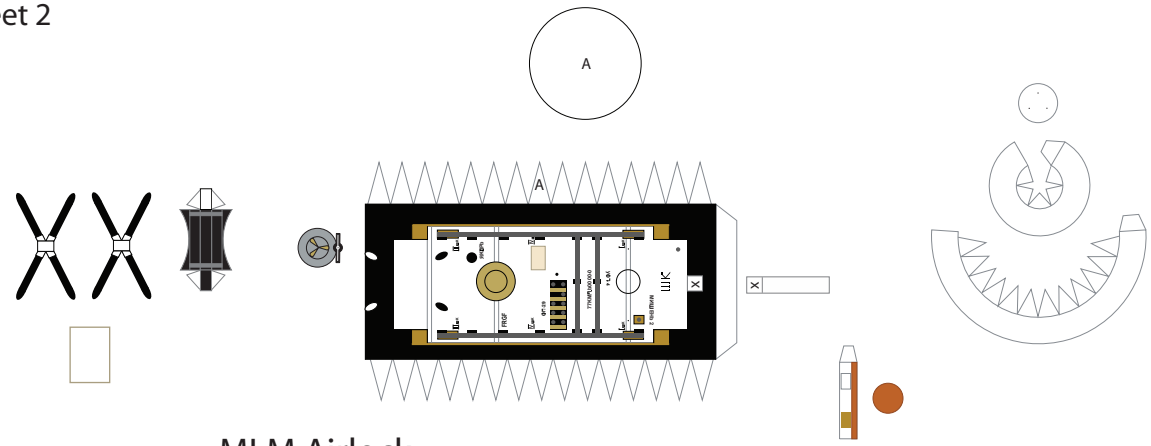
Print on Cardstock (90 lbs)

Mini Research Module-1 (MRM-1)

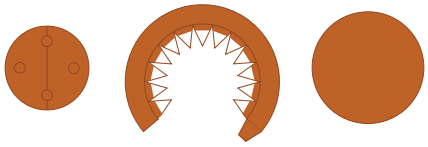
"RASSVET"

1:100 Scale

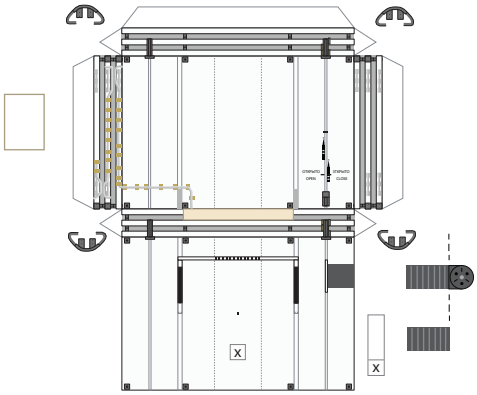
Sheet 2

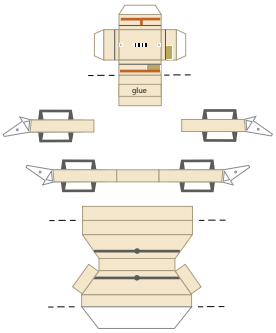


MLM Airlock

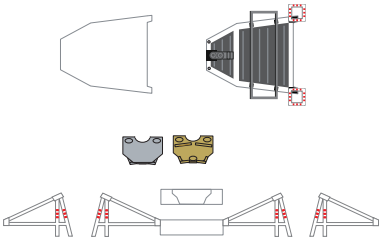


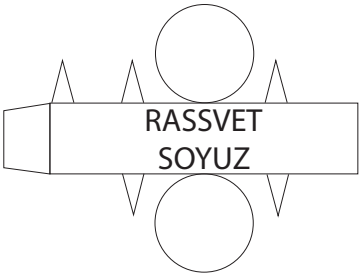
MLM Radiator





Portable Work Platform





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1 cm

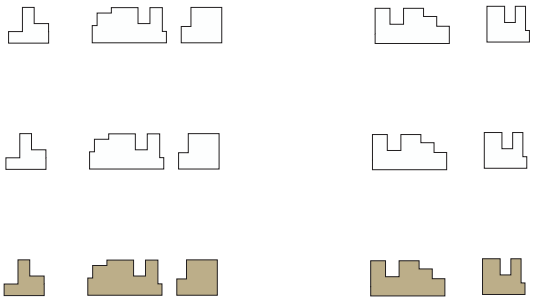
1 inch

Print on Cardstock (90 lbs)

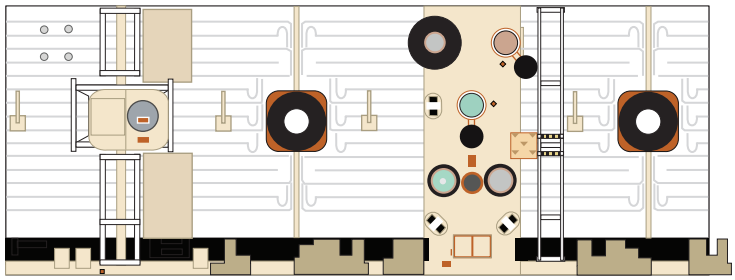
Debri Panels for smaller diameter of Zvezda

(Russian EVA-31)

1:100 Scale



Debri Panels installation areas



1:144 Scale

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