

SHIP CONSTRUCTION FORM

Equipment

Class

SS

Calculations

CE

Choose Ship Class

Ship Class _____

Maximum Ship Mass _____ mt

Choose Control Computer Type

Computer Type

Mass _____ mt

SS Requirements _____

Maximum WDF _____

Choose Warp Engine Type

Warp Engine Type

Number _____

Movement Point Ratio _____

Power Units Available _____

Stress Columns _____

Mass _____ mt

Maximum Safe Cruising Speed _____

SS Requirements _____

Emergency Speed _____

WER _____

Choose Impulse Engine Type

Impulse Engine Type

Mass _____ mt

SS Requirements _____

IER _____

Power Units Available _____

Calculate Total Power Units Available

Total Power Units Available _____

Available _____

Total Power Units Available = (_____ x _____) + (_____ x _____) = _____

Warp Eng Number Imp Eng Number Total Power

Choose Shield Generator Type

Shield Generator Type

Mass _____ mt

SS Requirements _____

Calculate Power Efficiency

Maximum Shield Power _____

Shield Point Ratio _____

Power Efficiency = (_____ + _____ + _____) x _____ = _____

WER IER DPC SER

DPC _____

SER _____

Power Efficiency _____

Choose Weapon Types

Beam #1 Type

Max Beam Power _____

Number _____

Damage Modifiers +3 (_____ - _____)

+2 (_____ - _____)

+1 (_____ - _____)

Mass _____ mt

Firing Chart _____

SS Requirement _____

Firing Arcs _____

Calculate Total Weapon Mass

#1 Beam Mass = _____ x _____ = _____

Mass Number

#2 Beam Mass = _____ x _____ = _____

Mass Number

Missile Mass = _____ x _____ = _____

Mass Number

WDF #1 _____

Beam #2 Type

Max Beam Power _____

Number _____

Damage Modifiers +3 (_____ - _____)

+2 (_____ - _____)

+1 (_____ - _____)

Mass _____ mt

Firing Chart _____

SS Requirement _____

Firing Arcs _____

Calculate Total Weapon Superstructure

#1 Beam Superstructure = _____ x _____ = _____

SS Number

#2 Beam Superstructure = _____ x _____ = _____

SS Number

Missile Superstructure = _____ x _____ = _____

SS Number

WDF #2 _____

Calculate Total WDF

Missile Type

Number _____

Power to Arm _____

Damage _____

Mass _____ mt

Firing Chart _____

SS Requirement _____

Firing Arcs _____

#1 Beam WDF = _____ x _____ = _____

WDF Number

#2 Beam WDF = _____ x _____ = _____

WDF Number

Missile WDF = _____ x _____ = _____

WDF Number

WDF Missile _____

Total WDF _____

Choose Total Superstructure Requirements

Component Mass _____

Total SS Required _____

_____ + _____ + _____ + _____ + _____ + _____ + _____ = _____

SS Mass _____

Additional Superstructure _____

Total Ship's Mass _____

Total Ship's SS _____

SS Mass = _____ x 1500 = _____

Crew _____

SS

SS Mass

Calculate Defense Factor

Defense Factor = _____ = (_____ x 1.43) = _____

Power Efficiency SS

WDF _____

D _____

CE _____

CE = (_____ x _____) / 100 = _____

D WDF CE