

H O W T O U S E

(This document assumes you have the Starship Operators Manual from Digest, or are at least familiar with it.)

If anyone on the bridge wants to check engineering status:

List each 'system' status (ie. Power, Fuel, M-Drive, etc), or if all okay then just give "X0".

If a specific system status is requested:

List each 'sub-system' status within that system, or is all okay then just give the relevant system summary code.

If any sub-system currently in use goes offline or degrades by 30% or more:

An automatic warning alarm sounds.

If an engineer investigates a sub-system problem:

Possible causes are given as "Z" codes. The referee should pick one, and determine an "unsure" task roll for diagnosis. On "no truth" any repair attempt will fail, on "some truth" any repair attempt is one difficulty level harder.

And finally:

Add your own problem causes and update both player and referee sheets. Just remember when creating one for a specific adventure not to add it right before its going to get used - 'cos the player will notice the addition! Also, these charts are designed for smallish starships, you'll need to redesign them for large ships (like a Wind class Carrier) or those with extensive backup systems (like a Leviathan class Merchant).

ALL SYSTEMS ONLINE: X0
 BACKUP SYSTEMS NOT RESPONDING: X79

CF (control failure) = Z5,Z17,or Z28

	ONLINE	OFFLINE	DEGRADED
POWER SYSTEMS	X1	X24	X47
Batteries	X2	X25 (Z25,CF)	X48 (Z5,Z25)
Fusion Power Plant	X3	X26 (Z16,Z27)	X49 (Z23,Z9)
Hull Radiators	X4	X27 (Z22,Z26)	X50 (Z22,Z26)
Power Distribution Net	X5	X28 (Z19,CF)	X51 (Z5,Z25)
FUEL SYSTEMS	X6	X29	X52
Fuel Scoops	X7	X30 (Z1)	X53 (Z2)
Fuel Purification Plant	X8	X31 (Z3,Z10)	X54 (Z3)
Fuel Pumps	X9	X32 (Z7)	X55 (Z13)
Fuel Tanks	X10	X33 (Z0)	X56 (Z6)
MANEUVER DRIVE	X11	X34	X57
Thruster Plates	X12	X35 (Z12)	X58 (Z4,Z24)
Thruster Control	X13	X36 (CF)	X59 (Z9)
Orientation Control	X14	X37 (CF)	X60 (Z5)
Auxiliary Thrusters	X15	X38 (Z14)	X61 (Z8)
Attitude Control	X16	X39 (CF)	X62 (Z5)
Gyroscope	X17	X40 (Z20)	X63 (Z18)
JUMP DRIVE	X18	X41	X64
Hi-Yield Fusion Plant	X19	X42 (Z16,Z27)	X65 (Z23,Z9)
Hull Radiators	X20	X43 (Z22,Z26)	X66 (Z22,Z26)
Energy Sink Array	X21	X44 (Z11)	X67
Jump Governor	X22	X45 (CF)	X68 (Z5)
Hull Grid	X23	X46 (Z15)	X69 (Z21)
OTHER SYSTEMS	-	-	-
Beam Weapon (specify)	X70	X74 (CF)	X78 (Z5)
Missile Weapon (specify)	X71	X75 (CF)	X79 (Z5)
Electronics (specify)	X72	X76	X80
Environmental Systems	X73	X77	X81

PERFORMANCE: 90% 80% 70% 60% 50% 40% 30% 20% 10%
 X82 X83 X84 X85 X86 X87 X88 X89 X90

NOTE: All systems require at least battery power and a functioning PDN (Power Distribution Net). Thruster Plates, Gyroscope, and any Beam Weapons also require the Power Plant. Thus if the PDN is offline then no system can even get just battery power and the ship is dead in space. All ships have a backup PDN.

Z0: BLOCKAGE IN MAIN FUEL LINE
Z1: BLOCKAGE IN MAIN VENTS
Z2: CLOGGED INTAKE FILTER
Z3: CLOGGED FILTERS
Z4: COMPENSATING FOR UNBALANCED LOAD
Z5: CONTROL PROTOCOLS INVALID
Z6: DAMAGED FUEL BAFFLES
Z7: DAMAGED ROTOR
Z8: DAMAGED THRUSTER VENTS
Z9: ERRATIC POWER SUPPLY
Z10: EXCESSIVE IMPURITIES DETECTED
Z11: FRACTURE IN CRYSTAL(S)
Z12: FRACTURED MOUNT
Z13: FUEL LEAK
Z14: FUEL LINE RUPTURE
Z15: INSUFFICIENT CHARGE FOR JUMP DRIVE
Z16: INSUFFICIENT CHARGE FOR POWER PLANT
Z17: LOSS OF CONTROL
Z18: LOSS OF SPEED
Z19: MAIN POWER TAPS NON-FUNCTIONAL
Z20: MISALIGNED AXIS
Z21: MISSING GRID ELEMENTS
Z22: MISSING RADIATORS
Z23: PARTIAL FAILURE OF FUEL INJECTION SYSTEM
Z24: PLATES OUT OF ALIGNMENT
Z25: POSSIBLE SHORT CIRCUIT
Z26: PRIMARY COOLANT LEAK
Z27: REACTION CHAMBER TEMPERATURE EXCEEDING SAFETY LIMITS
Z28: CONTROL LINK SEVERED