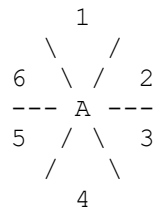


SENSOR CHARTS - Referee

Sectors:



Object Detection

- Passive Object Scan: Use A and D
- Active Object Scan: Use B and D
- Passive Energy Scan: Use C

Object Lock-on and Examination

- Passive Object Pinpoint: Use E, H and I
- Active Object Pinpoint: F, H and I
- Passive Energy Pinpoint: G and H

Sensor Alarms

- X1 = Hostile lock-on detected from sector 1
- X2 = Hostile lock-on detected from sector 2
- X3 = Hostile lock-on detected from sector 3
- X4 = Hostile lock-on detected from sector 4
- X5 = Hostile lock-on detected from sector 5
- X6 = Hostile lock-on detected from sector 6
- X7 = Explosion detected against ship
- X8 = Nuclear explosion detected against ship
- X9 = Laser weapon fire detected against ship
- X10 = Energy weapon fire detected against ship
- X11 = PAWS/Meson fire detected against ship
- X12 = Missile proximity alert - incoming from sector 1
- X13 = Missile proximity alert - incoming from sector 2
- X14 = Missile proximity alert - incoming from sector 3
- X15 = Missile proximity alert - incoming from sector 4
- X16 = Missile proximity alert - incoming from sector 5
- X17 = Missile proximity alert - incoming from sector 6
- X18 = Missile proximity alert - passing
- X19 = Alert - Spinal mount operation detected in sector 1
- X20 = Alert - Spinal mount operation detected in sector 2
- X21 = Alert - Spinal mount operation detected in sector 3
- X22 = Alert - Spinal mount operation detected in sector 4
- X23 = Alert - Spinal mount operation detected in sector 5
- X24 = Alert - Spinal mount operation detected in sector 6

A) DETECTION (Passive Object Scan - Uses Densitometer)

A0 = Nothing detected

----- SIZE -----		----- STATE -----			
CLASS	DTONS	GAS	LIQUID	SOLID	A.G.F.

Tiny	<10	A1	A2	A3	A4
Small	10-100	A5	A6	A7	A8
Average	100-10,000	A9	A10	A11	A12
Large	10,000-1,000,000	A13	A14	A15	A16
Huge	>1,000,000	A17	A18	A19	A20

(A.G.F. = Artificial Gravity Field ... ie. a spacecraft)

B) DETECTION (Active Object Scan - Uses ActEMS)

B0 = Nothing detected

----- SIZE -----		----- STATE -----		
CLASS	DTONS	SINGLE	SEVERAL	MULTIPLE

Tiny	<10	B1	B2	B3
Small	10-100	B4	B5	B6
Average	100-10,000	B7	B8	B9
Large	10,000-1,000,000	B10	B11	B12
Huge	>1,000,000	B13	B14	B15

(Several = group, Multiple = swarm)

C) DETECTION (Passive Energy Scan - Uses PasseEMS and Neutrino)
(Note range not known therefore reported strength will vary with actual range)

C0 = Nothing detected

Faint source

----- RANGE -----			----- SECTOR -----					
HEX	KM	BAND	1	2	3	4	5	6

1	25,000	Visual	C7	C8	C9	C10	C11	C12
2	50,000	Near	C1	C2	C3	C4	C5	C6
3+	75,000	Far	C0	C0	C0	C0	C0	C0

Normal source

----- RANGE -----			----- SECTOR -----					
HEX	KM	BAND	1	2	3	4	5	6

1	25,000	Visual	C13	C14	C15	C16	C17	C18
2	50,000	Near	C7	C8	C9	C10	C11	C12
3-10	75,000	Far	C1	C2	C3	C4	C5	C6
11+	275,000+	Extreme	C0	C0	C0	C0	C0	C0

Strong source

----- RANGE -----			----- SECTOR -----					
HEX	KM	BAND	1	2	3	4	5	6

1	25,000	Visual	C19	C20	C21	C22	C23	C24
2	50,000	Near	C13	C14	C15	C16	C17	C18
3-10	75,000	Far	C7	C8	C9	C10	C11	C12
11+	275,000+	Extreme	C1	C2	C3	C4	C5	C6

D) LOCATION

D0 = Point blank range

----- RANGE -----			----- SECTOR -----					
HEX	KM	BAND	1	2	3	4	5	6

1	25,000	Visual	D1	D2	D3	D4	D5	D6
2	50,000	Near	D7	D8	D9	D10	D11	D12
3	75,000	Far	D13	D14	D15	D16	D17	D18
4	100,000	Far	D19	D20	D21	D22	D23	D24
5	125,000	Far	D25	D26	D27	D28	D29	D30
6	150,000	Far	D31	D32	D33	D34	D35	D36
7	175,000	Far	D37	D38	D39	D40	D41	D42
8	200,000	Far	D43	D44	D45	D46	D47	D48
9	225,000	Far	D49	D50	D51	D52	D53	D54
10	250,000	Far	D55	D56	D57	D58	D59	D60
11+	275,000+	Extreme	D61	D62	D63	D64	D65	D66

E) EXAMINATION (Passive Object Pinpoint - Uses Densitometer)
Composition Code

Gas	E1
Ice	E2
Rock	E3
Metalic	E4
A.G.F.	E5

700,000	G73	G74	G75
800,000	G76	G77	G78
900,000	G79	G80	G81
1,000,000	G82	G83	G84
2,000,000	G85	G86	G87
3,000,000	G88	G89	G90
4,000,000	G91	G92	G93
5,000,000	G94	G95	G96
6,000,000	G97	G98	G99

H) MOTION

H0 = Remaining constant distance

	SPEED		
	INCREASING	CONSTANT	DECREASING
Closing	H1	H2	H3
Towards	H4	H5	H6
Away	H7	H8	H9
Leaving	H10	H11	H12
Parallel	H13	H14	H15

I) SIZE (DISPLACEMENT)

<10 dtons = 10

[illegible]