

### SML(F) Mark 1 and SER(F) Mark 2 Hosni al-Rafik Class Multi-Role Fighter

Name	No.	Laid Down	Commissioned
HOSNI AL-RAFIK	Mk.1 0001	06 Apr 2244	30 Jan 2246
RUBALLAH	Mk.1 0002	23 Apr 2244	30 Apr 2248
MAHARIK	Mk.1 0003	04 Aug 2245	02 Dec 2249
SALADIN	Mk.1 0004	02 Aug 2247	22 Aug 2250
KHALID FAHD	Mk.1 0005	05 Jun 2248	27 Jul 2251
FALAH BADIMASSOUD	Mk.1 0006	01 Nov 2249	10 Sep 2252
RAFAEL GANDOLFINI	Mk.1 0007	04 Feb 2250	04 Apr 2253
NASIR AL-HAMEL	Mk.1 0008	10 Jul 2251	24 Jan 2254
GEMEL HUSSEIN	Mk.1 0009	28 Dec 2252	08 Jun 2255
HOSNI KRZEWSKI	Mk.2 0010	30 May 2253	05 Jan 2256
SUL DHOMO	Mk.2 0011	15 Oct 2254	17 Sep 2257
JAMAL BARCA	Mk.2 0012	25 Nov 2255	20 Dec 2258
USAMA BIN-HADEL	Mk.2 0013	16 Dec 2256	03 Sep 2259
SAYYID HUSSEIN	Mk.2 0014	25 Dec 2257	26 Oct 2260
YUSSUF IBN NAGY	Mk.2 0015	02 May 2258	20 May 2261
NAGEV AL-SAIF	Mk.2 0016	25 Dec 2259	22 Jul 2262
SAFI AL-DIN	Mk.2 0017	27 Feb 2260	22 Dec 2263
ALI ISMAIL	Mk.2 0018	05 Nov 2261	13 Feb 2264
UDAI AL-HAMBRA	Mk.2 0019	29 May 2262	02 Aug 2265

**Specifications**

Builder: Isma'iliyah Yards (Sigma Draconis II)  
 Mass, Fully Loaded: 5,028 metric tons  
 Total Length: 106.2 meters  
 Hull Length: 33.1 meters  
 Hull Diameter: 33.1 meters  
 Bell Diameter: 28.0 meters  
 Crew: 66 [11 officers, 55 spacecrew]  
 Propulsion:

Rahman-4 Hyperdrive [GDE]  
 Rafik Mark 1:  
 Shahnamah Fusion Torch [1.25g]  
 Tactical ΔV: 15.94 km/sec  
 Transit ΔV: 127.50 km/sec  
 Rafik Mark 2:  
 Diriyah-2 Fusion Torch [0.75g]  
 Tactical ΔV: 15.16 km/sec  
 Transit ΔV: 121.25 km/sec

Power Systems:  
 3 Gursel Reactors [187.5 MW]  
 15 Ibn Hazm Heatsinks [510 GJ]  
 11 Hakam Batteries [22 GJ]

Armament:  
 4 Bayar-3 3.48 meter Lasers (1200nm)  
 2 Bayar-4 3.15 meter Lasers (1200nm)  
 2 Ankara-2-4 Coilguns  
 2 Chagri Arslan Tri-Missile Launchers

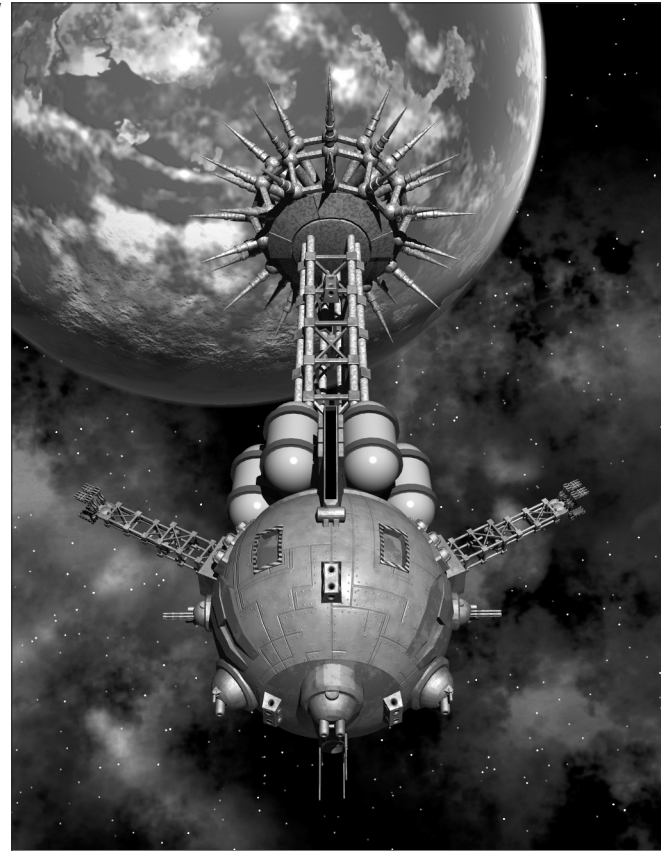
4 Mount Hira Zone Defence Laser Systems

2 Gunboat Docks

Maximum Armor Thickness: 175mm RHA  
 Sensors:  
 Singham ESY-42 Radar  
 Proehl K-96-R Lidar

**Development and Class Notes**

Worried by the sudden increase in the numbers and sophistication of Olympian vessels after their 2245 merger with the Nations Fédérée Marine D'Étoile, the Medinan Star Force accelerated design work on a 5000 ton spacecraft modeled on the *Kennet*. Considerations of cost and manufacturing difficulties precluded the deployment of lasers akin to the FN's XPL series, while Medinan doctrines drove further design divergences between the *Kennet* and the *al-Rafik*. Nonetheless, the *al-Rafik Mark 1* is widely considered one of the finest combatants currently in service, displaying an exemplary blend of firepower, protection, and maneuverability. The Ankara coilguns and Chagri Arslan missile launchers provide maneuver constraint, while the *al-Rafik's* spherical design allows the maneuverability necessary for medium-



range oblique engagement strategies against Olympia's more devastating but shorter-ranged 2400nm laser armament.

Mark 1 continued in production until 2255, when Shahnamah torch production was redirected to construction of new *Ataturks*. Mark 2 used the much cheaper, albeit less efficient and less powerful, Diriyah-2 torch, though Mark 2 included improved armor on the mast and torch. Mark 1 tends to serve with main fleet units in concert with *Ataturks*, while Mark 2 tends to see service in escort roles, and is expected to take on the commerce raider role in wartime.

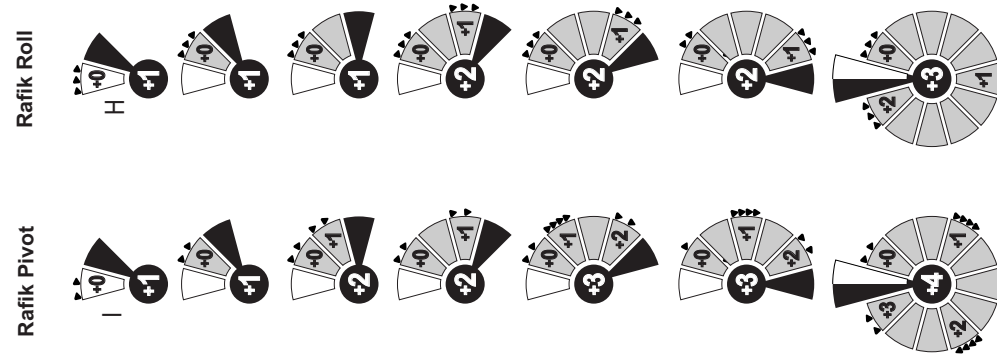
Both series can carry gunboats or supply pods, the latter of particular importance for extending endurance in raiding and patrol missions. Carrying a pair of *Musharraf* gunboats for additional firepower is rare but not completely unheard of when hostilities are expected, and has occasionally been seen in semiannual fleet maneuvers.

<sup>1</sup> Spacecraft in Frigate size range are called Fighters by the MSF.

### HOSNI AL-RAFIK (Mk 1 & Mk 2) - Medinan Star Force [FG]

Dueling Cost: 1544/1444 Econ Cost: 1744/1399 Boxes: 162/159  
 Crew: 11 Officers, 55 Enlisted, 20 Gunboat Crew, 4 Extra Berths  
 Cruise Duration: 18/23 Strategic Turns (36 weeks for Mk1, 46 for Mk2)

Nose/Aft Hull Depth: 29 Surface: 11  
 Lateral Hull Depth: 29 Surface: 11  
 Hyperdrive Costs: Gamma: 8 Delta: 12 Epsilon: 16  
 Each pod/gunboat adds +1, +1.5, and +2 to hyperdrive activation

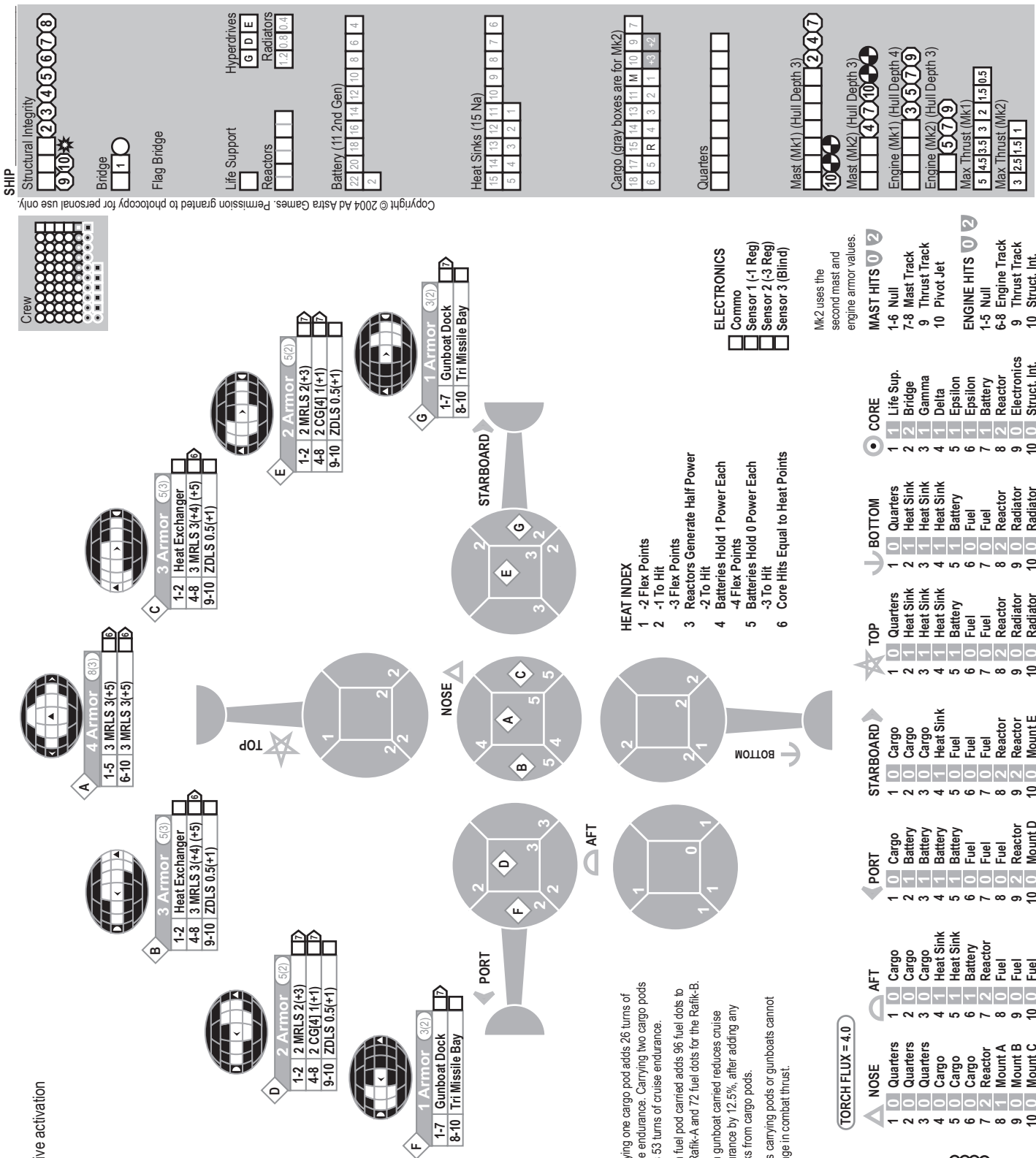


ENGINE DAMAGE = 13

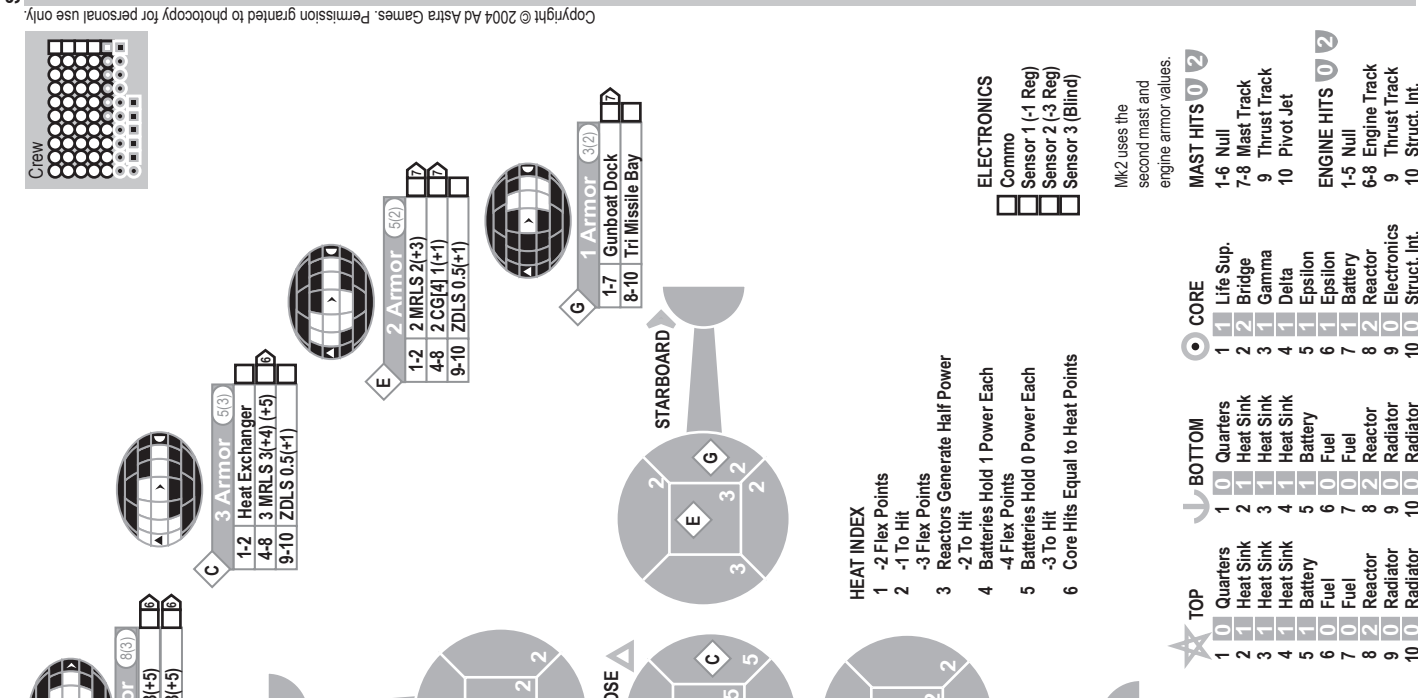


ENGINE DAMAGE = 17

BURN FUEL LEFT TO RIGHT; DAMAGE FUEL ONE COLUMN AT A TIME IF BURNED FUEL EXCEEDS ENGINE DAMAGE, ROLL AN ENGINE HIT



Battery Capacity: 22  
 Reactor: +3 Power per Segment  
 Heat Sink Capacity: 15 Heat Points  
 Radiators: 1.2 Heat Point/Turn  
 Bridge: 1 Flex Point



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