Nella-Class Spacecraft

PRODUCTION DATA
Origin: Andor Confederation
Builders: Aalfnuul'g Ship Yards, Andor
Type: Light Freighter
Commission Date: *2134*

HULL SYSTEMS
Size: *03*
 Length: *29.7* meters
 Beam: 15.3 meters
 Draft: 5.7 meters (*01* deck)
 Mass: *30,434* metric tons
 SU's Available: *535* (*384* used)

Hull
Outer	*<12>*
Inner	*<12>*

Resistance
Outer Hull: *04*	*<03>*
Inner Hull: *04*	*<03>*

Emergency Stabilizers (SIF)
 Main: Class D (Protection *15/22*)
  [*01* pwr/*10* protection/rnd]   *<08>*
 Backup: Class D (Protection *08*)
  [*01* pwr/*10* protection/rnd]   *<04>*

Specialized Hulls
Atmospheric Capability	*<03>*
Planetfall Capability	*<03>*

PERSONNEL SYSTEMS
Crew/Pax./Evac.: *02/05/05*
Crew Quarters
Spartan: *08*	*<01>*

Environmental Systems
Basic Life Support [*02* pwr/rnd]	*<12>*
Reserve Life Support [*01* pwr/rnd]	*<06>*
Emergency Shelters: *03*	*<06>*
Gravity [*02* pwr/rnd]	*<03>*
Consumables: Six months' worth	*<03>*

Manufacturing Systems
Galley: Food Stores	*<02>*
Industrial Fabrication Units	
Mark II [*02* pwr/rnd]	*<03>*

Medical Facilities: 2 (+0)
 [*02* pwr/rnd]   *<10>*
Recreation Facilities: 1 [*01* pwr/rnd]   *<06>*
Personnel Trans.: Jefferies Tubes   *<03>*
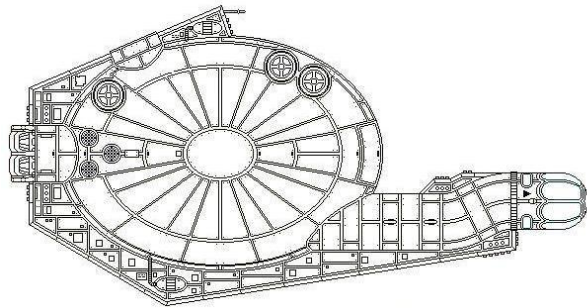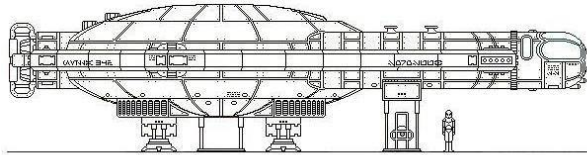
Fire Suppression System
 [*01* pwr/rnd used]   *<03>*
Cargo Holds: *4,500* cubic meters	*<01>*
Location: Cargo hull	
Escape Pods: *2* 4-person pods	*<01>*

PROPULSION SYSTEMS
Warp Propulsion System
Nacelles: 1 Mark 2	*<20>*
Speed: *1.9/2.9/4.9* [*01* pwr/*0.2* warp]	
PIS: Class D (*4* hrs max. warp)	*<08>*
Special Configuration: Embedded	*<12>*

Impulse Drive
 Type: Type 4 (*0.40c/0.60c*)
  [*01* pwr/*0.10c*]   *<12>*
 Location: Aft
Reaction Control System (*0.025c*)
 [*02* pwr/rnd]   *<03>*

POWER SYSTEMS
Warp Engine
 Type: Mark II (Gens. *98* pwr/rnd)   *<35>*
 Location: Port cargo hull
Impulse Engine: *1* Type 4 (Gens. *15* pwr/rnd)
Auxiliary Power: 2 reactors
 (Gens. *05* pwr/reactor/rnd)   *<06>*
Emergency Power: Type A
 (Gens. *25* pwr/rnd)   *<25>*
EPS: Standard power +*50*   *<20>*
Standard Usable Power: *113*

OPERATIONS SYSTEMS

Bridge: (Cockpit) Forward   <12>
Computer Systems (Pre-Duotronic)
  Core 1: Amidship [*01* pwr/rnd]   <02>
  Wiring   <09>
Navigational Deflector [*06* pwr/rnd] <09>
  Range: *08/15,000/40,000/125,000*
  Accuracy: *06/07/09/12*
  Location: Forward cargo hull
Sensor Systems
  Long-range Sensors [*05* pwr/rnd] <10>
    Range Package: Mark II (*04/05/08/11*)
      High Resolution: *0.3/0.8/1.5/3.0*
      Low Resolution: *0.5/1.0/3.5/5.0*
    Strength Package: Class 3 (Strength *3*)
    Gain Package: Standard (+0)
    Coverage: Standard
  Lateral Sensors [*05* pwr/rnd]   <06>
    Strength Package: Class 3 (Strength *3*)
    Gain Package: Standard (+0)
    Coverage: Standard
  Navigational Sensors [*05* pwr/rnd] <06>
    Strength Package: Class 3 (Strength *3*)
    Gain Package: Standard (+0)
  Probes: None
  Sensors Skill: *02*
Flight Control Systems
  Autopilot: Ship. Sys. (Conn) 1, Coord. 1
    [*01* pwr/rnd use]   <04>
  Navigation Computer
    Main: Class 1 (+0) [*00* pwr/rnd] <00>
    Backup: *02*   <00>
  Inertial Stabilizers
    Main: 2 Strength *5* [*03* pwr/rnd] <12>
    Aux.: 1 Strength *3* [*02* pwr/rnd] <02>
  Attitude Control [*01* pwr/rnd]   <01>
Communications Systems
  Type: Type II Interplanetary Radio
    [*03* pwr/rnd use]   <02>
  Strength: *02*
  Security: *-0*
Tractor Beams: None
Transporters: None
Security Systems
  Rating: None
  Anti-Intruder System [*01* pwr/rnd] <03>
Science Systems
  Rating: *01* (+0) [*01* pwr/rnd]   <08>

Specialized Systems: None
  Laboratories: None
TACTICAL SYSTEMS
Forward Laser Bank   <08>
  Type: Type 3
    Damage: *60* [*06* pwr/rnd use]
    Number of Emitters: N/A (*01* use/rnd)
    Auto-Laser Interlock: I (*06/07/09/12*)
  Range: *06/15,000/45,000/150,000*
  Location: Fwd ventral cockpit
  Firing Arc: *120°* forward
  Firing Modes: Stand., pulse & Continuous
TA/T/TS: Class Alpha   <06>
  Strength: *07*
  Bonus: None
Weapons Skill: *02*
Deflector Shields   <32>
  Shield Generator: Class 1
    Protection: *115*+100 [*12* pwr/shield/rnd]
  Shield Grid: Type 0 (+0%)
  Subspace Field Distortion Amplifiers
    Class: Alpha (Threshold *25*+10)
 Recharging System: Type 1 (*75* sec.)
Auto-Destruct System   <03>

DESCRIPTION AND NOTES

An old Andorian design, launched sixteen years after Andors' first successful warp-capable ship is launched. A workhorse of the Andorian Merchant Fleet since before the founding of the Federation, it was the *Nella*-class which helped Andor firmly secure its "lost" colonies once contact had been reestablished.

At the end of their service lifetimes many were sold and relegated to private ownership, hauling cargo throughout the Andor Confederation and latter the Federation. Upgraded and modified heavily over the years, thanks to their sturdy construction the class continued to be a reliable platform for long-haul cargo runs and seen many more years of service as tramp freighters. Although a rare sight, a few specimens are still spaceworthy, although they are far from being "state of the art."

The *Nella*'s (named for their loose appearance to the aquatic nella, Andors'

version of the Terran turtle) are little more than a circular cargo hull with a cockpit attached at the end of a short "habitation neck," where the limited habitation, medical and equipment bays are located [in blue below].
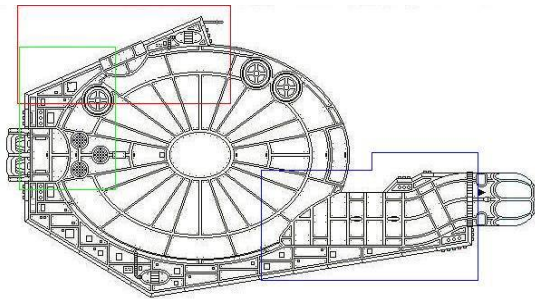
The *Nella*'s utilize a single warp nacelle, partially embedded into the port side hull [in red above]. Due to safety and health concerns, access to the cargo hull is restricted while traveling at warp speeds due to possible contamination. Matter/Antimatter core and impulse systems occupy the aft port section of the cargo hull [in green above].

In production before the advent of the transporter (or the tractor beam for that matter) the *Nella*'s were capable of planetary landing, cargo and passengers were offloaded via elevator platforms. Once those technologies were made available they were quickly installed into the class. Orbital offloading was accomplished by the use of the aft port docking hatch, or necessitated the use of a hanger bay capable of docking a vessel the size of the *Nella*'s.

[*This template represents a newly constructed ship built during the construction lifetime of the class. Any ships of this class encountered after 2234 will be considerably modified from this template presented*.]