

THE OFFICIAL STARSHIPS COLLECTION

BIRD-OF-PREY

LAUNCHED: 22nd C

LENGTH: 130 METERS

**WEAPONS: DISRUPTORS** 

ROMULAN

BIRD-OF-PREY (2152)

## Contents

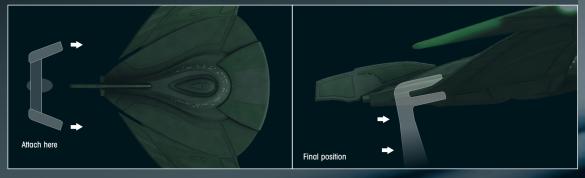
P04: ROMULAN BIRD-OF-PREY

P10: **DESIGNING THE SHIP** 

P14: THE ORIGINAL ROMULANS

P18: ON SCREEN

### Stand assembly:



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## ROMULAN BIRD-OF-PREY

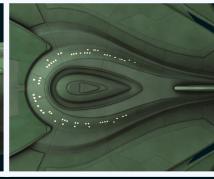
**SPECIFICATION** 



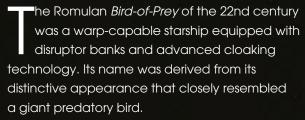
ROMULAN STAR EMPIRE **OPERATED BY:** CONSTRUCTED: 22<sup>ND</sup> CENTURY LENGTH: 130 METERS **DEFENSES:** CLOAKING DEVICE **WEAPONRY** DISRUPTOR CANNONS







▼ Romulan *Birds-of-Prey* had an aggressive appearance and were so named due to their distinctive avian-like appearance.



The avian styling of these ships was probably influenced by the Romulans' origins. They began as a revolutionary group of Vulcans who refused

to accept the Vulcan philosopher Surak's teachings of complete suppression of emotions, and they became known as "those who march beneath the raptor's wings." The raptor, or bird-of-prey, thus became an iconic symbol and was a recurring motif in Romulan design.

At approximately 130 meters in length, the Romulan *Bird-of-Prey* was composed of a single hull shaped like an elongated saucer with upswept warp nacelles mounted on either side. The ship was colored dark green and the warp nacelles gave off an intense green glow. The command center appeared to be located in the middle of the dorsal side of the saucer and a raised fin ran behind it all the way to the rear of the ship.

The Romulans operated in extreme secrecy and had a near-paranoid reticence to reveal any information about themselves. By the mid-22nd century, the Vulcan High Command had never made direct contact with them and even their physical appearance remained a mystery. All the Vulcans did know for sure was that the Romulans were xenophobic, aggressive and extremely protective of their territories.

Due to the Romulans' self-imposed isolation, very little intelligence was gathered about their *Birds-of-Prey* in the 22nd century. They appeared to utilize them mainly to patrol and protect their borders. Any ships that intruded into their territory were intercepted and ordered to leave immediately.

### FIRST ENCOUNTER

This was certainly the case in 2152 when the *Enterprise* NX-01 unintentionally entered a cloaked minefield in orbit of a Romulan-claimed planet. While the crew of the *Enterprise* were trying to deactivate a mine that had attached itself to the hull of the ship, a cloaked Romulan *Bird-of-Prey* was able to approach completely undetected.

### ROMULAN 22ND CENTURY

# BIRD-OF-PREY

The Romulan *Bird-of-Prey* was a tactically advanced ship used to aggressively protect the race's borders.

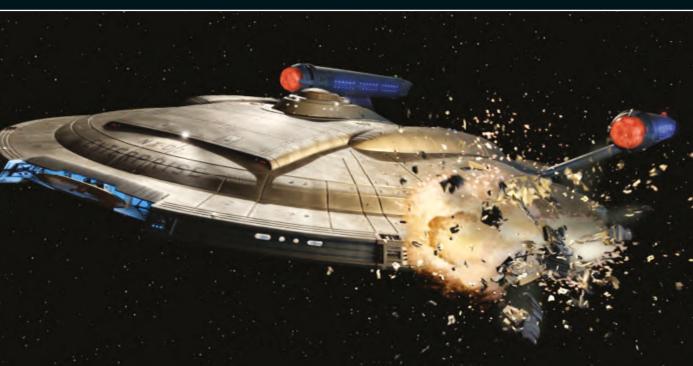


### DATA FEED

In addition to the *Bird-of-Prey*, the Romulan fleet of the 22nd century was known to include the larger Romulan *Warbird* and Romulan drone-ships.

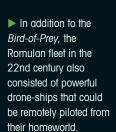
■ The Romulan Bird-of-Prey encountered in 2152 was equipped with advanced cloaking technology that rendered it completely nvisible to the Enterprise NX-01's sensors. Even when the Bird-of-Prey was not cloaked, it reflected the Enterprise's sensors so no information was recorded about its interior or capability.

SHIP PROFILE ROMULAN BIRD-OF-PREY OVERVIEW SHIP PROFILE





◀ As Lieutenant Reed was trying to disarm the mine, a spike shot out and went straight through his leg. Captain Archer attempted to free him before the Romulans returned.





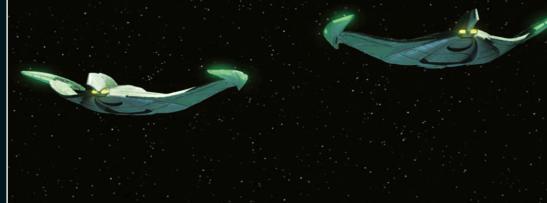


▲ When the *Enterprise* NX-01 hit a mine, it created a thermo-kinetic explosion that caused a breach in the ship's hull.



◀ The Enterprise was monitored closely by a Bird-of-Prey as it made its way carefully out of the vast minefield that surrounded the planet.

► The Enterprise just managed to rescue Archer and Reed and jump to warp seconds before two Birds-of-Prey swooped in for the kill.



▲ Disruptor fire from a Romulan Bird-of-Prey took the form of a green bolt of light. It was likely that just a few direct hits from these disruptors would have been enough to destroy the Enterprise.

6

The *Enterprise* had managed to modify its quantum beacons to reveal the cloaked mines, but they were unable to detect the Bird-of-Prey. This indicated that the Romulan ship used a more advanced form of cloaking technology than the mines, giving it a huge tactical advantage. Once the Romulan ship had decloaked, it hailed the Enterprise, but the universal translator was unable to decipher their communication. It soon became abundantly clear what the Romulans wanted, however, as they charged their disruptors and fired a couple of warning shots within 20 meters of the Enterprise before cloaking again.

It was evident from this exchange that the Bird-of-Prey had to decloak before it could fire its weapons. This was because the cloak required huge amounts of power to work effectively. The

ship simply could not safely generate enough energy to power both its cloak and its weapons at the same time without risking a catastrophic overload of the engines.

### FINAL WARNING

Despite activating the ship's cloak again and disappearing from view, the Romulans continued to closely monitor the *Enterprise*. When it had still not left the system a few hours later, the first Birdof-Prey had been joined by a second Romulan ship. In a show of strength, they decloaked simultaneously and ordered the *Enterprise* to leave immediately or be destroyed.

The Bird-of-Prey scanners were sophisticated enough to tell exactly how many crew members were on board the *Enterprise* and that one of them

-Lieutenant Reed -was impaled to the hull of the ship by one of the supports on their mine. Their scans also showed that the Enterprise crew had made preparations to detach the hull segment surrounding the mine if it proved necessary.

The Romulans did not care about Lieutenant Reed's plight, but were more concerned that the *Enterprise* was engaged in espionage. It was clear that the *Birds-of-Prey* were capable and fully prepared to destroy the Enterprise. Fortunately, Reed was rescued and the ship jumped to warp before the Romulans could fire their weapons. The Birds-of-Prey made no attempt to pursue them.

This encounter marked the first incident between a Romulan *Bird-of-Prey* and a ship from Earth, but there would soon be many more in the Earth-Romulan War that was fought between 2156-2160.

### DATA FEED

with quantum beacons that were mounted on the ship's grappler arm. This sensor technology was provided by Daniels, a temporal agent from the 31st century, to unmask cloaked Suliban stealth-

The Enterprise NX-01 was equipped cruisers. By shifting their phase variance to the gamma spectrum they also revealed the cloaked Romulan mines. They were, however, unable to penetrate the more sophisticated cloaks used by the Romulan Birds-of-Prey.



ROMULAN BIRD-OF-PREY OVERVIEW

### **CLOAKING TECHNOLOGY**

The Romulans were the first known race to independently develop cloaking devices. The *Enterprise* NX-01 had previously encountered Suliban ships that used cloaking devices, but this technology had been given to them by a mysterious benefactor from the 29th century.

The Romulan cloaking device was tied into a ship's deflector grid and worked by selectively bending the light around it to render it invisible to the electromagnetic spectrum. It took a long time for the Romulans to develop this stealth technology, and it was still not perfect even a century after it was first used. In 2266, the U.S.S. Enterprise NCC-1701 was able to pick up a blip on its tracking sensors to detect a cloaked Romulan Bird-of-Prey. This blip only appeared when the Birdof-Prey moved, but it was enough to locate the vessel.

# Warp nacelle + Main bridge Deflector grid ⊢ Impulse engine Warp nacelle ⊢ Stabilizer fin 🕒 Support wing + Observation windows

### **AVIAN MOTIF**

Romulan Star Empire depicts a large bird of prey clutching the worlds of Romulus and

### MAXIMUM VELOCITY

### SHORT PATH TO WAR

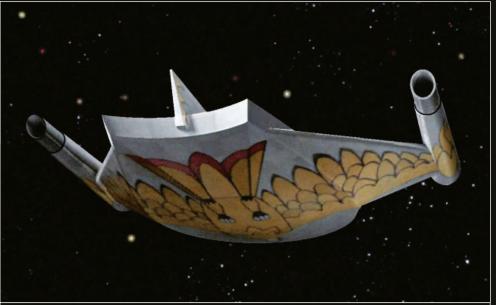
The Romulan Birdsthe Enterprise NX-01 2152 marked the first years later, in 2156, United Earth and the

### DATA FEED

It is possible that Romulan Birds-of-Prey were equipped with more powerful weaponry in addition to their disruptors. Certainly by the 23rd century they also carried massively powerful plasma torpedoes that were capable of obliterating outposts buried a mile deep on solid iron asteroids.



THE ORIGINAL SERIES
Romulan Bird-of-Prey
studio model was
designed and built by
Wah Chang in just two
weeks. It was delivered
unpainted and the bird
graphic was added later.



Description Chang's Bird-of-Prey model was constructed out of vacuum-formed plastic, plaster and metal parts. It featured internal wiring for the lighting and measured approximately 2.5 feet in width.



# ROMULAN BIRD-OF-PREY

he Romulan *Bird-of-Prey* was the first new Romulan ship to feature in *STAR TREK: ENTERPRISE*. Production illustrator John Eaves was responsible for developing the design of this 22nd-century ship, and, as with the earlier Klingon vessels he had developed for *ENTERPRISE*, he was enormously excited to envisage a new starship for one of *STAR TREK*'s classic races.

underside as John Eaves had intended.

"The art department was again filled with glee at the prospect of bringing in a legendary adversary to the latest version of *STAR TREK*," said John Eaves.

"Immediately the consensus was to retro-out Wah Chang's original design for our episode, as we had done with Matt Jefferies' Klingon battle cruiser that featured in the episode 'Unexpected.'

### **DESIGN LEGEND**

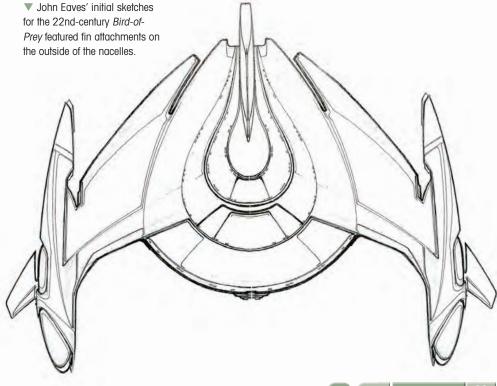
One of the reasons that Eaves was such an ideal candidate to take on this task was that he was thoroughly acquainted with the history of STAR TREK design. He knew that Hawaiian designer and sculptor Wah Ming Chang was one of the great unsung heroes of

THE ORIGINAL SERIES. Largely unknown at the time, Chang had contributed numerous props and creature designs to the classic series, some of his most iconic creations being the phaser, the communicator, the tricorder, the Gorn and the tribble. Chang also designed and built the 23rd-century Romulan Bird-of-Prey that appeared in the episode 'Balance of Terror.'

Eaves knew that the *Bird-of-Prey* he was designing for *ENTERPRISE* had to pay homage to Chang's celebrated creation. "The Wah Chang ship was

always a favorite," said Eaves, "so I didn't want to veer too far from it, but I wanted to do a phase prior to *THE ORIGINAL SERIES* version. I followed his lines a little bit, and then added more segregation on the parts of the hull."

Segmenting the different parts of the ship – where one section can be seen joining to another section – was a key aspect of a successful design for Eaves as it made the ship look slightly older, but also dynamic. Besides, the smooth hull appearance of Chang's 1960s design would not have worked with



modern visual effects. "With today's technology," said Eaves, "you can't go to the old 1960s style because the ships just wouldn't look right. You always have to design something that

matches today's visual-effects style.

The VFX guys always wanted deep shadows and detail lines to help make the ship look authentic on screen.

Something that was completely

smooth, like Chang's design was, would never make it through the approval process today."

One of the details that Eaves added in his initial designs was little wing fins



on the side of the nacelles. These can be seen in an early black-and-white sketch he drew as he experimented with different looks for the ship. "Those little wings tips were added detail," said Eaves, "but after I'd done a couple of versions of it, I abandoned them. I decided I'd taken it too far past where the design architecture had been established."

### THREATENING LOOK

Eaves also made changes to the nacelles themselves as he sought to

create a style more in keeping with the sinister Romulans. "The nacelles on the early black-and-white drawing seemed a little bit too rounded," said Eaves, "so that's why they evolved into jagged points. I thought the early design had too much of a soft, friendly look for an aggressive ship. That's why they go from the rounded tips to the more bull-horn-type points that I did in the colored drawings."

As a final nod to Chang's original design, Eaves drew a bird-of-prey graphic on the underside of the ship.

"I was trying to mimic that beautiful drawing Chang had on the bottom of his design," said Eaves. "I was trying to take his drawing back a little in time as well, but make it fit the new shape."

Unfortunately, this aspect of the design was vetoed. "It didn't make it through approval at all," said Eaves. "In fact, it got rejected brutally. I was hoping it would make it through because It was a neat way to pay homage to Chang's ship. But I understood that it had to go, as ENTERPRISE was set in a different era."





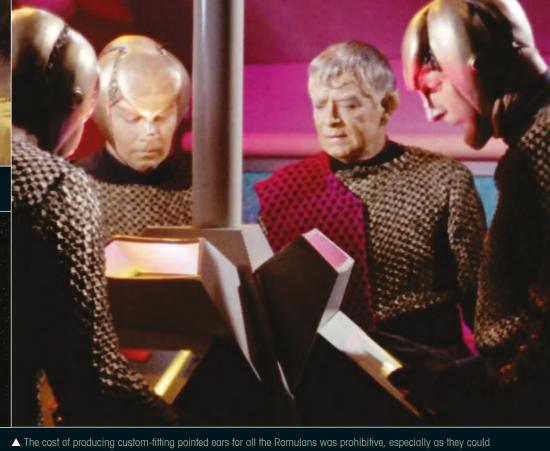
■ The finished design
of the Romulan Birdof-Prey featured more
pointed nacelles to
help give it a more
aggressive look. Eaves
also added plenty of
surface detail, as this
helped to make the
ship look more realistic
when it was turned into
a CG model.





△ The Klingons took over from the Romulans as the major villains because their makeup was cheaper.





THE ORIGINAL

### people would go for their honor. It was a morality fantasy play, but terribly gripping."

remastered version of 'The Enterprise Incident.'

△ The Bird-of-Prey was digitally inserted into the

### **EAR TROUBLE**

The production team were very pleased with the Romulans, but their pointed ears made them too expensive for STAR TREK's very limited budget. Fred Phillips, the chief makeup artist, had to make ears specifically for each actor, as that was the only way to get them to fit

only be worn once. The producers got around this problem by having many of the Romulans wear helmets.

why most of the Romulan commander's Romulans as the race most associated crew wore helmets that covered up their ears.

The Romulans might well have become the main recurring villains of THE ORIGINAL SERIES had it not been for their expensive ear issues. Instead, writer/producer Gene Coon introduced formed an alliance with the Klingons, a new race of villains, who had a cheaper and simpler makeup - the Klingons. It is also worth highlighting that

properly. The cost of the prosthetics was the Klingons would later replace the with honor.

> THE ORIGINAL SERIES had not yet quite finished with the Romulans, and in the third season writer Dorothy Fontana brought them back in 'The Enterprise Incident.' This time the Romulans had and developed a more sophisticated cloaking device that posed a deadly threat to the Federation.

# ROMULANS

he Romulans are *STAR TREK's* oldest recurring villains, but they are also one of the most mysterious. It is easy was an extension of the Roman to forget that they appeared in just two civilization to the point of space travel, episodes of THE ORIGINAL SERIES.

The Romulans first appeared in 'Balance of Terror,' which was STAR TREK's ninth episode. They were created by freelance writer Paul Schneider, who clearly based their society on the ancient Roman Empire.

of developing a Romanesque set of admirable antagonists that were worthy men, who had devoted their lives to

of Kirk," said Schneider. "I came up with serving the Romulan Star Empire fighting the concept of the Romulans, which and it turned out quite well. I had the concept of this battle in space and this battle over a neutral zone."

'Balance of Terror' was also a story about prejudice and how it fed on ignorance. The audience got to learn much more about the Romulans than "Creating the Romulans was a matter Kirk and his crew. The commander and his centurion seemed to be honorable

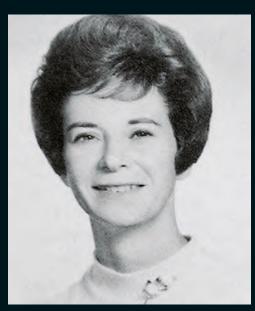
a number of enemies - presumably on the other side of the Neutral Zone.

It is worth noting that while the Romulans were secretive, they were also depicted as being honorable, and not the devious and duplicitous characters they would become later. Commenting on the face-off between Kirk and the Romulan commander, Vincent McEveety, the director of 'Balance of Terror' said, "They were very heroic characters pitted one against the other, and it dealt with the lengths to which

### **ROMULAN** HONOR







▲ D.C. Fontana, pictured here in the 1960s, wrote the second STAR TREK episode to feature the Romulans.

In a daring attempt to steal the cloaking device, Kirk crossed the Neutral Zone and the *Enterprise* was surrounded by three Romulan ships. Significantly, the notion that the Federation would deny Romulans were commanded by a woman, who was very highly placed within the Empire. By now the Romulans and the Vulcans seemed to know a little more about their shared history, as the Romulan commander prepared a Vulcan meal for Spock. However, their knowledge was clearly less than perfect since she was foolish enough to believe that she could seduce Spock.

of Terror' came from current affairs. "We'd had the Pueblo incident (when



△ D.C. Fontana felt her story would have been better served if the cloaking device had been smaller.

an American spy ship was caught off the coast of North Korea) as a true-life incident about a year before," said Fontana, "and I was thinking about that, and also I thought it may be time to revisit the Romulans. We hadn't seen them in two seasons, and it was time to come back and look at them again, because they were mysterious. They were behind the Neutral Zone, and I thought about doing what was essentially a kind of a Pueblo incident, but with a real spying incident with a real goal: steal the cloaking device."

### **BORROWED ELEMENTS**

Fontana also decided to borrow elements from 'Mission: Impossible,' which was filmed on the stages next door to STAR TREK, and added the their involvement with the entire mission. On the whole, she was pleased with the story, but she did have a few reservations about the finished episode.

"It worked out reasonably well as far as the story we were telling," said Fontana. "Production-wise, I thought it was rather foolish for Kirk to be running around with this thing (the cloaking device) the size of a lamp. My original The immediate inspiration for 'Balance thought was that it should be something rather small, some piece of equipment that Kirk could put in a pouch."

> Fontana was also unhappy about the romantic relationship between Spock and the Romulan commander, which she felt was out of character for both of them. When she decided to make the Romulan commander a woman, nothing was further from her mind.

> "In terms of history, Rome had a fairly strong matriarchal society," said Fontana, "and I was thinking that because the Romulans were loosely based on Rome, a woman could have command. This would be interesting and would be a good face-off for Kirk and Spock - someone strong, a woman







✓ Just as in Roman society where women held important positions, the female Romulan commander was written to be a formidable opponent and every inch the equal of Kirk.

◀ D.C. Fontana was against the romantic scene as she thought it was out of context and that the Romulan commander would not have been so easily fooled by Spock.

The Romulans very nearly did not make it beyond THE ORIGINAL SERIES, but they held a strong appeal for D.C. Fontana and she advocated their return in THE NEXT GENERATION. character, an equal commander who would be just as efficient and militarily directed as Kirk."

Fontana also felt that the Romulans would know enough about Vulcans not to be taken in by Spock's insistence that he could not lie, and that neither character was likely to become deeply involved with the other so quickly.

Fontana said, "There was enough that the Romulans would have known. based on their previous history, that they could have projected and understood about the Vulcan way of life.

"It seems to me that both Romulans and Vulcans might be somewhat standoffish people anyhow; they don't mix easily with others. And I would certainly be suspicious if a captured prisoner suddenly came on to me!"

### **ROMULAN RETURN**

Despite these reservations about the episode, Fontana felt the Romulans were immensely intriguing and lobbied for their return in STAR TREK: THE NEXT GENERATION. Gene Roddenberry had initially decided that the Romulans would not play a major part in the new series, but this did not stop Fontana proposing them when they were trying to invent a new antagonist. "I sent him (Roddenberry) a memo, suggesting, 'How about the Romulans?' After all, they hadn't been developed all that much in THE ORIGINAL SERIES, and they were a glamorous, attractive enemy."

Thankfully Roddenberry agreed with Fontana and the Romulans continued to play a major role in the STAR TREK universe, greatly enhancing the political machinations of the Alpha Quadrant. Their intriguing backstory that had begun in THE ORIGINAL SERIES was full of potential for great drama. In particular, it was their militaristic society coupled with their innate secrecy and paranoia of outsiders that made them such interesting and compelling villains.

## COMING IN ISSUE 28

## ON SCREEN



**TRIVIA** 

The fact that the *Birds-of-Prey* in 'Minefield' have cloaking technology apparently contradicts earlier STAR TREK continuity. An explanation for this inconsistency is given in the non-canon novel 'The Good That Men Do.' The book explains that the *Birds-of-Prey* were prototype vessels that ultimately proved unsuccessful. The cloaking technology required so much power that it put too much train on the ships, and one of them was lestroyed in an antimatter containment Romulans managed to solve the problem.



TV APPEARANCES:

DESIGNED BY:

**KEY APPEARANCES** STAR TREK: ENTERPRISE

'Minefield'

While exploring an uncharted system, the Enterprise NX-01 unwittingly stumbles into an area of space containing cloaked mines. One of the mines detonates, blasting a hole in the port forward quarter of the hull. If that were not bad enough, another malfunctioning, active mine attaches itself to a critical area of the ship's hull. Realizing that if this mine explodes the Enterprise would probably be ripped apart, Lieutenant Reed is forced to don an EV suit and attempt to disarm it from outside the ship.

Complications arise when a Romulan Bird-of-Prey suddenly decloaks nearby and hails the Enterprise. The universal translator is unable to decipher the message, but it becomes clear what the Romulans want when their ship begins firing warning shots at the Enterprise.

Captain Archer orders Travis Mayweather to move them out of harm's way, and he carefully threads the ship through the minefield. However, the movement causes one of the legs on the mine to shoot out and penetrate Reed's leg, pinning him to the hull. Archer must find a way to get rid of the mine and save Reed before the Romulans run out of patience.

In keeping with continuity established in STAR TREK: THE ORIGINAL SERIES, the Romulans in 'Minefield' are only heard and not seen. Romulans are not seen by humans until 'Balance of Terror' set in 2266



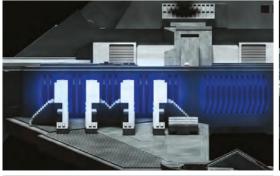
Parts of the *Enterprise* NX-01's hull had to be specially built for 'Minefield' but were discarded thereafter. "We had to throw the pieces away," reflected production designer Herman Zimmerman. "We just didn't have any room to store them, they were so large!"

# MAQUIS FIGHTER

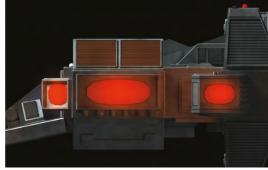


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- In-depth profile of the Maquis Fighter, the Federation ship used by the Maquis against the Cardassians
- The story behind Jim Martin's design for the Maquis fighter craft
- Introducing the Maquis to the STAR TREK universe







## STAR TREK



