

**AND TO THE REPUBLIC
STAFF**

EDITOR-IN-CHIEF

Chris Hamilton

ASSISTANT EDITOR

Sherry Randolph

ART EDITOR

Michael G. Hart

GRAPHIC DESIGNERS

Zach Jordan

Hoyt Jordan

CONTRIBUTING AUTHORS

Brian Flatley

Edmund Trafford

Adam Willson

Hoyt Jordan

SEND ALL SUBMISSIONS TO:

Sherry Randolph

And To The Republic

P.O. Box 1303

Alpharetta, GA 30239

TABLE OF CONTENTS

From The Editor	Page 1
Election Results	Page 1
Financial Report	Page 1
ATTR Deadlines	Page 1
From The Center Seat	Page 2
The Briefing Room	Page 3
Attention To Orders	Page 4
Crew Capsule	Page 5
Ship Status Report	Page 5
Stalking ETI ...	Page 6
"Are You Of The Body?"	Page 6
Quantum	Page 7
Trek Net Echo	Page 7
By-Laws Report	Page 8
Republic Classified	Page 9

Republic Calendar

**...And To The Republic
Submission Deadlines**

<u>ISSUE</u>	<u>DEADLINE</u>
March	2/16/91
May	4/20/91
July	6/15/91
September	8/17/91
November	10/19/91
January	12/21/91

FROM THE EDITOR

You have before you the newest incarnation of our chapter newsletter, "... And to The Republic." We hope you enjoy it. The newsletter's new look is courtesy of Sherry Randolph, whom we stole from the Engineering Division and their "Technical Briefing." (And you're never getting her back, Hoyt!!!!) The newsletter staff is really excited and invigorated by the new opportunities that are opening for us. We just wish we had better times to explore those new possibilities...

I am sure that the War in the Persian Gulf weighs heavily on all of our minds. I will not bore you with war rhetoric, (pro or con), rather I will limit my statements to simply this. Now is the time for unity and togetherness. We all must bond together to get through this crisis. Star Trek and STARFLEET can help us to do that.

This is not the first war that Star Trek has gone through. Its first-run broadcasts aired right in the middle of the Vietnam War, a time of tremendous anxiety and emotion. Star Trek served as a beacon of light and hope, a vision of a future free from bigotry and wanton destruction. It serves the same function today. In the middle of our war, we see a new generation in that future, a future just as bright, a future just as possible. The events of the past few years on Earth have proven that we are capable of good. The fall of the Berlin Wall, the independence movements in Eastern Europe, environmental awareness, all prove we can achieve good things. We can make the brilliant future of Star Trek a reality. As I said before, this is not the first war that Star Trek has gone through. But, God willing, we can make it the last one.

USS REPUBLIC NCC-1371
The Atlanta Chapter of STARFLEET
Has Changed Its Address!
 You can now write to us at:
USS REPUBLIC--Starfleet Atlanta
Post Office Box 768333
Atlanta, Georgia 30076-8202
 Or call us:

Michael G. Hart	(404) 992-2903
David A. Duncan	(404) 992-2941
Hoyt A. Jordan	(404) 442-1589
USS Republic BBS	(404) 864-1075
Distant Worlds BBS	(404) 993-2769

FINANCIAL REPORT

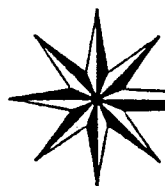
The USS *Republic* treasure currently has a balance of \$185.03.

The membership total is at a healthy 83 members and growing!

ELECTION RESULTS

Michael G. Hart	24 Votes
Deborah Young	4 Votes
David Duncan	3 Votes
Abstained	1 Vote

March 1991



INTO THE FINAL FRONTIER

STALKING ETI IN THE ST UNIVERSE

BY: CPO Edmund Trafford

Every ST writer (or reader) delights in inventing (or discovering) his own favorite alien characters. The original ST shows have been joined by ST:TNG as well as movies, novels, and fanzines. The result is an ST universe inhabited by literally dozens of intelligent life forms. Is it realistic, given the Federation's small corner of the galaxy, that the ST universe should be so replete with life?

The answer to this question depends on two variables: the possibility of life in general and the specific time frame for its development. There are currently two theories regarding the possibility of extraterrestrial intelligence ("ETI") in the universe. Both are based on an evaluation and extrapolation of human intelligence. (An excellent in-depth discussion of these ideas is found in John L. Conti's *Paradigms Lost*). The first theory states that mankind is utterly unique, so that encountering a similar ETI would be a rare and equally unique event; therefore, ETIs are few and far between, and humans are essentially alone in the universe. The second theory states that if intelligent life can manage to develop on an ordinary dirt-type planet circling an absolutely average G-type star, then ETI could develop anywhere; therefore, the universe is swarming with ETI.

Time Frame. Now let's consider the time factor. The universe, at last count, was some 15 billion years old. The earth clocks in at about a third of that, perhaps 4.5 billion years. The appearance of human kind (recognizable anthropoid ancestors, anyway), dates back a mere five million years and civilized human kind, (not necessarily an oxymoron!), just five thousand years. In only the tiniest fraction of that time—the last 30 years or so, say—have we actually been able to reach our nearest neighbors in the solar system, let alone star travel. The point is

that, out of our planet's entire history, that portion of time in which intelligent life arose is insignificant. Given the age of the universe, an infinite number of other ETIs could have lived and died, and we would never know of them because they developed at different times.

To put this point in perspective, Carl Sagan in his book *The Dragons of Eden* likens all of history, from the Big Bang to Voyager, to a "cosmic year." On this scale of time, the Big Bang occurred at midnight, January 1. The earth formed sometime in mid-September; dinosaurs roamed the earth beginning on Christmas Eve and died out on the 28th. All of modern terran civilization—including space travel—arises in the last second of the last minute of the last hour before midnight on December 31. How many other ETIs can have existed in all the other 31.5 million seconds of such a "Cosmic Year"?

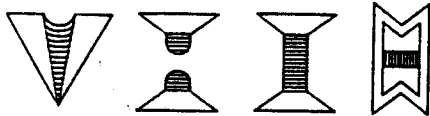
In the ST universe, it seems an accepted fact that not only does our galaxy harbor an endless variety of ETI (i.e., option two: intelligent life could develop anywhere), but we also manage to beat the 31.5 million-to-1 odds and encounter them fairly frequently (i.e., many of them happen to be flourishing at the same time). Whether or not this is a reasonable state of affairs in the "real" world, that is the way the ST universe has been imagined into existence following the Big Bang in September 1966.

TO BE CONTINUED.....

A second part of this article will appear in a subsequent issue of ATIR and deal with the kinds of ETI found in ST, and discuss the effect of morphology on their development.



OFFICERS CALL



"ARE YOU OF THE BODY" PART I

BY: LCdr Hoyt A. Jordan

This is the first of what shall be many frequent articles concerning that elusive quality known as "Leadership". This continuing series will be a philosophical discussion of what can really make a

STARFLEET officer a leader and not just someone who holds a rank. Feel free to comment on anything that is presented here.

In the Star Trek episode, "The Return of the Archons," we were confronted by Landru, a computer endowed with the personality of its creator and the power to control its followers totally. Landru was a benevolent dictator - in return for the power to totally control its subjects, it totally provided for their basic needs. The flaw with this relationship was that the followers of Landru were reduced, in a manner of speaking, to the level of small children. Original ideas and thought were not needed nor encouraged. Landru knew what was best and what was required.

When James Kirk induced the Landru computer to self-destruct, the people of Beta III were forced to look inward for guidance and had to learn to govern themselves. They became responsible for their own actions. This must have really been a shock to them.

The concept of a benevolent dictator is an oxymoron anywhere outside the realm of fiction. There has never been an example in human history where a leader exercised total control over his subjects, and saw to their every need at the same time.

Have you ever wished that you had total control over a situation, or a person, or group of people? I think we all have had such thoughts. We all have had desires to be a leader, but have we always considered the price of leadership?

Let's consider the types and levels of "Leadership" we might deal with in both the mundane world and in STARFLEET.

The first job of any leader is to accomplish a goal or a mission. The goals in the business world and the tools used are usually pretty basic. The worker is paid a salary to perform a specified task and the attitude of the management is often, "I pay your salary, you do what I say." That is pretty basic and reasonably effective. The worker needs the money to live on and the leader needs a task done. Sometimes this might not be the most effective use of human talent, and often workers have little loyalty for a particular company. Our society freely allows people to leave one job and obtain another one that is more profitable and satisfying.

The business leader that pays little consideration to his employees might accomplish his mission, or he might go broke. My personal opinion is that there are many more "managers" than "leaders" in the business world. Increasing compe-