

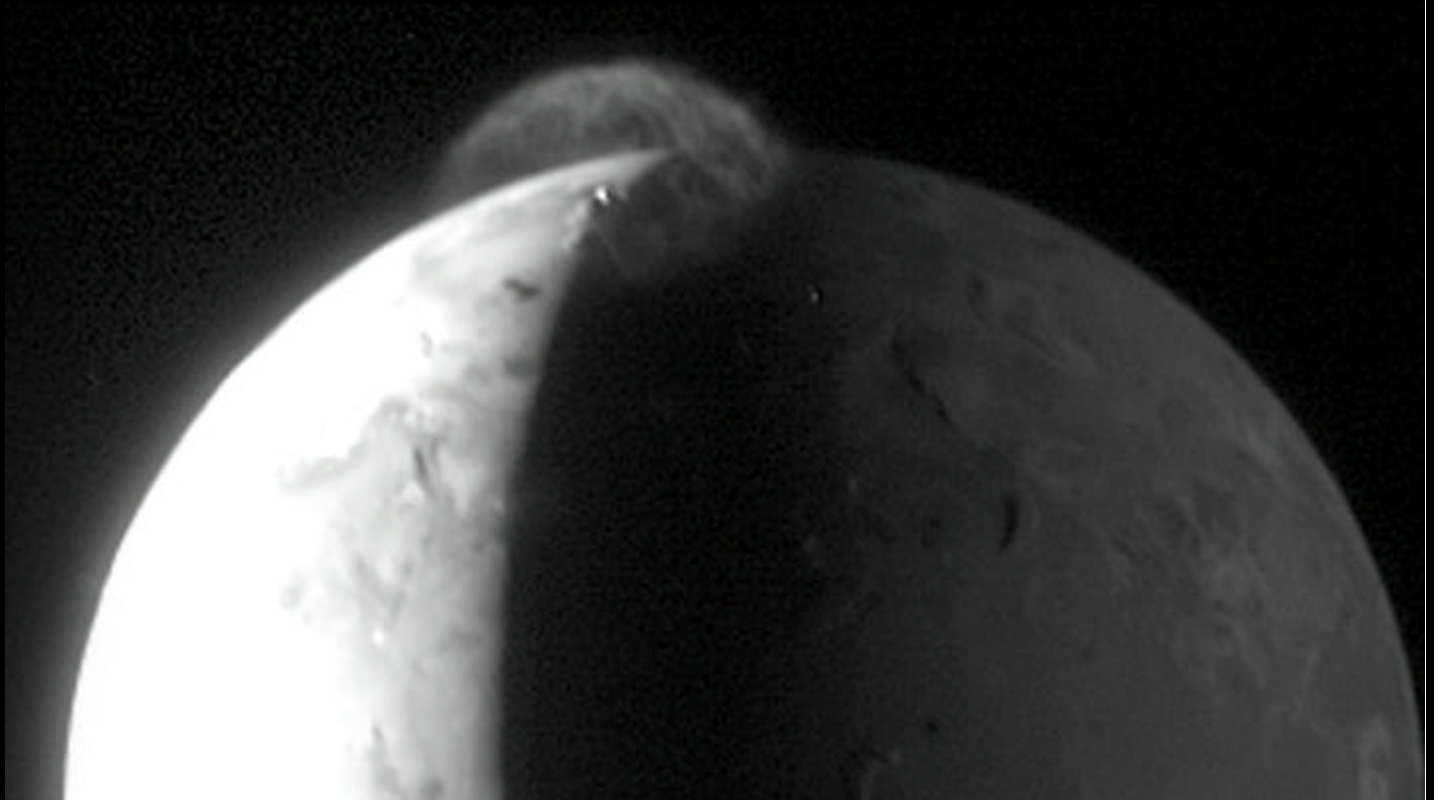
# THE WRIGHT STUFF



Vol XVIII ♦ No 2

The Official Newsletter of the U.S.S. Kitty Hawk ♦ NCC-1659

Mar / Apr 2007





# THE WRIGHT STUFF

Volume 18 - Number 2

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Publisher ..... J.R. Fisher  
Editors ..... Jane Fisher  
John Troan



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**TOOL BOX:** Pentium IV-3.0GHz; HP LaserJet 1200 & DeskJet 722C; Lotus WordPro; Adobe Acrobat.

**IMAGES - Title Banner**

Wright Flyer from NASA/Ames PAO photo archive; *U.S.S. Kitty Hawk* (USN CV-63) from [navicp.navy.mil](http://navicp.navy.mil); *Constitution* class cruiser from [gwu.edu/~rljones/khawk](http://gwu.edu/~rljones/khawk).

**IMAGE - Featured Front Page**

Image of the planet Jupiter's moon, Io, as seen by the New Horizons spacecraft. A plume from a huge volcanic eruption can be seen at the north pole of the moon. NASA/JHUAPL

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# A View From the Catbird Seat

By J.R. Fisher

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It is a sad time as I write this, as it is less than a week since the mass murders at Virginia Tech. The loss of so many innocent people is always a tragedy, but more so when they are young. I only knew one of the victims, and only casually; but the effect is enormous. Please keep the victims and their families in your thoughts and prayers for as long as you remember this event. And please also pray for the young man who committed this horrible act and for his family as well. Doing so will help the healing process for everyone touched by this event.

This past meeting was as low a turnout as I have ever seen and I hope it is not an indication of our future. There has been very little interest in going to conventions, much less helping to put one on. I am at a loss to discern why this is. Yes, there are family considerations of all sorts, job related excuses (I know this is only a hobby!), and many more reasons for not participating in our activities; but I think you are missing the reason for our existence.

First, we are bound together by the ideals of *Star Trek* and the entertainment the shows, books, etc., have brought us over the years, i.e. we are fans. Second, we try to bring that energy together and focus it in our community to do some good. Local cons are a way of doing both; having fun and helping charities.

Perhaps the fault is all mine; I have missed your point, not listened to what it is you want to do or where the group wants to go. If this is the case, please tell me or any of the department heads so that we can make the necessary adjustments to

our course. If you are simply not interested in any of this, please also let me know so that we can disband the ship and spend our time in a more productive manner.

We have an excellent opportunity in the form of Trinoc-con, the first weekend in August. People have not volunteered to do panels, demonstrations, etc. That only leaves participation at the security, warm body, and recruiting table for our crew. A few former members are taking on several panels and I will do one or more myself.

I may also become the chair for the art committee, if I get the assistance I have been promised. Most of that work will be before the con so I can do double duty at other jobs as needed.

There is a general lack of volunteering throughout the con world, which can only have a negative effect in future years. More and more of the workload is being done by fewer and fewer people. This will lead to burnout in less than three years. New people have to step into jobs and learn them and then produce. If not, then there will be no more cons or at least a lot less of them.

Any group's dynamics is but a microcosm of life. Think about it.

The next meeting is May 5 at four p.m. at the Fisher home. We will cook hot dogs, if you will bring the side dishes, chips, soda, desert, etc.

Do you have the Wright Stuff?

*Esse Quam Videri*

---

# Science Report

By Elaine Pischke

---

First came stealth bombers. Now comes... invisibility cloaks?

Engineers at Perdue University have come up with a workable design for an invisibility cloak. According to Professor Vladamir Shalaev, the design is totally consistent with the laws of physics. The materials needed, primarily tiny needles that would be arranged to bend light around an object, are already used in nanotechnology. It will take 2-3 years to build a working prototype, and preliminary models will only be able to block out one wavelength of light. Still, that would have military applications, such as shielding soldiers or equipment from night vision goggles or laser designators. Shielding the entire frequency range of the visible spectrum is theoretically possible, but according to Shalaev, "will be a big technical challenge".

In other science news, astronomers recently announced the discovery of a planet referred to as "Earthlike". Gliese 581 C is a planet 20 light-years from our solar system and thought to be small, rocky, not too hot, not too cold, possibly able to support life, and no more than 10 times as massive as the Earth, but big enough so it's atmosphere doesn't drift off. The surface temperature must be capable of maintaining water in liquid form. We assume any kind of life would require water. We may never know if Gliese 581 C supports alien life forms. But it could.

# VOYAGER - "Legacy"

By Brad McDonald

*This one made it all the way to Paramount for review! I don't know why it wasn't used, but that's show business! Hope you enjoy it.*

-- Brad

## STAR TREK: VOYAGER "Legacy"

Written by Brad McDonald

### CAST

JANEWAY TAPARA  
CHAKOTAY SARN  
TUVOK TLAN  
PARIS NLEN  
KIM T'KA #1  
SEVEN SURVIVOR #1  
DOCTOR SURVIVOR #2  
SURVISOR #3  
CREWPERSON'S VOICE

### Non-speaking

N.D. VOYAGER SECURITY  
N.D. NEO VULCAN  
ADMINISTRATOR  
N.D. NEO VULCAN GUARDS  
N.D. NEO VULCAN CITIZENS  
N.D. NEO VULCAN LADIES  
N.D. NEO VULCAN MILITARY  
N.D. NEO VULCAN SURVIVORS

### SETS

INTERIORS  
VOYAGER  
BRIDGE  
TRANSPORTER ROOM  
MESS HAL  
CORRIDOR  
JANEWAY'S READY ROOM  
MAIN BRIEFING ROOM  
SURVIVOR'S SHIP  
BRIDGE  
ENGINEERING  
PUBLIC HOUSE  
DINING ROOM  
OBELISK  
VAULT ROOM  
SIDE ROOM #4  
TAPRA'S OFFICE (B.G. ONLY)  
EXTERIORS  
VOYAGER  
SURVIVOR'S SHIP  
NEO VULCAN HOME WORLD  
NEBULA  
NEO VULCAN CAPITOL CITY

CAPITOL CITY OUTSKIRTS  
PUBLIC HOUSE  
CITY PARK  
OBELISK  
CAPITOL CITY FESTIVAL  
CAPITOL CITY ALLEY

### PRONUNCIATION GUIDE

TAPARA ta - PAR - uh  
TLAN tee - LAN  
NACARAE na - CAR - ee  
T'KA tay - KAH  
NLEN nuh - LIN

### TEASER

FADE IN:

EXT. - SPACE - NEBULA AND  
VOYAGER (OPTICAL)

Voyager is moving slowly through the cloud

INT. - VOYAGER - THREE SHOT

KIM is working at his station with JANEWAY and CHAKOTAY looking over his shoulder, absorbed in Kim's findings.

JANEWAY

Getting a better fix on that signal, Mister Kim?

KIM

(working)

Still trying to pinpoint the exact location, but it does read as a distress call.

CHAKOTAY

Are you having any better luck, Mister Tuvok?

BRIDGE - WIDE ANGLE

TUVOK is concentrating on his station panel.

TUVOK

(working)

I am using an overlapping pattern search rather than luck, Commander. Either the signal is very distant or very weak, perhaps both.

JANEWAY

How much longer can we remain in this area before

radiation becomes a problem?

PARIS

Less than an hour, Captain. Then we must leave.

JANEWAY

Very well. Commander, lets keep a close watch on those radiation levels, in case there's a change.

She's about to walk away from Kim's station when the young officer speaks excitedly.

KIM

I've got them! One-one-two, mark five. About one hundred thousand kilometers. They aren't moving.

PARIS

That close and we couldn't pick them up? Were they cloaked?

TUVOK

Not at all. Merely the results of the nebula's highly charged particles, the highly elevated--

JANEWAY

(interrupting, amused)

Never mind, we get the general idea. How close can you get us to that ship, Mister Paris?

PARIS

Two to three kilometers, Captain. Under these conditions I wouldn't like to get much closer, too many surprises.

JANEWAY

I agree, engage.

INT. VOYAGER - BRIDGE - ANGLE  
ON VIEWER (OPTICAL)

Another ship is barely visible due to static.

CHAKOTAY

Can we use the transporters?

TUVOK

Not recommended. We may transport into less than ideal circumstances. The interior of the ship has elevated radiation levels. However, we could use environmental suits.

KIM

I can't get many details, scans are difficult. It appears there are several survivors on board but they don't respond to hails.

PARIS

Why not bring them over here? If we can get a lock on them...

JANEWAY

How about it? Can we bring them over here safely? Tuvok?

ON TUVOK

Tuvok seems distant and preoccupied, staring at the main viewer.

JANEWAY V.O.

(o.c.)

Tuvok, what is it?

TUVOK

The ship design seems... familiar. And there are mental impressions...

Tuvok now seems very distracted and troubled.

BRIDGE - WIDE ANGLE

Janeway rushes to Tuvok's side.

JANEWAY

Are you all right?

TUVOK

I am experiencing strong, but fragmented images of distress and conflict.

CHAKOTAY

Perhaps we should transport our guests to a secure place, like the brig. We can have the Doctor waiting, in the event of injuries.

JANEWAY

Transporter lock, Mister Kim?

KIM

Barely, but within safety limits.

JANEWAY

Very well, but only one. Let's be sure our lock is good. Beam directly to sickbay with a force field and a security team in place.

(beat)

Tuvok, I want you to come with me. Let's have the doctor give you the once over. Chakotay, you have the Conn.

Janeway moves to exit with Tuvok close behind

SICKBAY

The DOCTOR is waiting as Janeway and Tuvok arrive, security is already present.

DOCTOR

Ensign Kim is now ready to begin transporting, Captain.

JANEWAY

(tapping comm badge)

Begin transport.

SICKBAY - NEW ANGLE (OPTICAL)

The alien appears on one of the diagnostic beds and the officers approach. As they get closer the appearance of SURVIVOR #1 is revealed. He is a Vulcan, rough looking, but definitely familiar.

Janeway and Tuvok look at each other with surprise

Off their reactions...

FADE OUT.

END OF TEASER

ACT ONE

FADE IN:

(NOTE: Episode credits fall over opening scenes.)

INT. SICKBAY - WIDE ANGLE

The Doctor is scanning SURVIVORS #2 and #3 while Tuvok and Janeway watch from outside the force field.

JANEWAY

Are they all right?

DOCTOR

They will be soon. And to answer your next question, he is just what they appear to be, Vulcan with readings nearly identical to Tuvok's.

TUVOK

It would explain why the ship seemed familiar. There are Vulcan aspects to the design, including some of the hull markings.

JANEWAY

And your images?

TUVOK

Their thoughts, under stress were very strong, but undisciplined. I suspect they have the same mental powers as I have, just untrained. I am much better now.

JANEWAY

And you picked up their images of distress and fear?

TUVOK

Precisely. I believe they may be ancient relatives.

The doctor interrupts, beaming with 'good' news.

DOCTOR

Not to worry, they will survive. Just minor radiation exposure and oxygen depletion. We can bring the others now, if you wish.

Janeway is a bit preoccupied with what Tuvok has said.

JANEWAY

(tapping comm badge)

Chakotay, how many more survivors are there?

BRIDGE - ON CHAKOTAY

CHAKOTAY

(working)

Only six more, do you want them in sickbay, Captain?

JANEWAY V.O.

Right away! How are those radiation levels?

CHAKOTAY

Rising. We should leave as soon as possible.

SICKBAY - AS BEFORE

JANEWAY

Once you've confirmed you have all the survivors, put a tractor beam on their ship and have Paris get us out of here.

CHAKOTAY V.O

Aye Sir. On it now.

TUVOK

Captain, I would like to visit the alien ship. I may be able to find the answers to several questions with a brief visit.

Janeway studies Tuvok for a moment, realizing the importance of his request.

JANEWAY

Still can't resist a good mystery? Very well, but use environmental suits and take an away team.

TUVOK

Understood Captain. And, thank you.

Tuvok exits in haste. Janeway is struck by Tuvok's 'courtesy' and smiles.

SPACE - VOYAGER AND ALIEN SHIP IN NORMAL SPACE

The ships are close to each other but motionless.

SICKBAY - WIDE ANGLE

Several N.D. SURVIVORS are visible in the B.G. Janeway and the Doctor are outside the force field.

DOCTOR

I'm keeping them sedated for now. I believe that they were only exposed for a short time, but I prefer not to take any chances.

JANEWAY

Will they be permanently affected by their exposure?

DOCTOR

Not at all. However, their systems are 'overloaded' and

the rest should do wonders. They should be fine in a matter of hours.

JANEWAY

Very well. Keep me posted on their condition. I'd like to be here to welcome them. By the way, Tuvok's leading an away team to the ship, give them the once over when they return.

DOCTOR

Of course.

INT. SURVIVOR'S SHIP - BRIDGE (OPTICAL)

The away team materializes, wearing environmental suits. Present are Tuvok, Kim, SEVEN and TORRES.

KIM

(off tricorder)

Radiation levels are diminishing but still elevated. We should be fine for a limited visit.

TUVOK

Lieutenant Torres, please see if you can effect repairs to the engines. Seven, initiate radiation protocols and restore shielding as soon as possible. Mister Kim, see if you can ascertain the status of the rest of the ship's systems.

Each heads off to work on the small bridge.

TORRES

Really old technology. I can't do much from here. I'm going to engineering.

(to Seven)

Care to join me?

SEVEN

It would seem to be a good idea.

The two exit the bridge in the B.G. while the others continue their work.

KIM

What are you looking for Mister Tuvok?

Tuvok is engrossed at one of the consoles.

TUVOK

Ship's logs, computer records, anything that will give us a clue as to the origins of this ship and its personnel. What have you found?

KIM

Most systems are intact, but as Torres said, they're very old. I'd say about a hundred and twenty years behind us.

TUVOK

More like one hundred and fifty.

A curious Kim moves closer to Tuvok's position.

TUVOK

(to self)

These linguistics are nearly identical to the Vulcan types.

KIM

Vulcans? In the this quadrant?

Tuvok is totally absorbed in his work, almost obsessed.

TUVOK

It would help to determine the location of their home world. If not, then why they were in the nebula.

SURVIVOR'S SHIP - ENGINEERING

Torres and Seven are busy at their respective stations.

SEVEN

These systems are in fair shape, with just a bit of work we should be able to restore the ship to working condition.

TORRES

Functional but old. The technology is downright primitive in some places. The engines should be up and running... now.

There is increased activity in the engine room reflecting the change of conditions.

TORRES

(continuing)

Now let's see if we can clear the radiation and get rid of these suits.

SURVIVOR'S SHIP - BRIDGE - TWO SHOT - KIM AND TUVOK

The two are working side by side.

KIM  
(working)

They have pretty extensive security blocks, it may be hard to gain access. Are you having any better luck, Sir?

TUVOK  
Luck has little to do with it. It is simply a matter of skill and perseverance, Ensign. When one avenue fails, you must attempt another in a simple, logical --

Kim becomes excited.

KIM  
I'm in! Computer records coming up.

TUVOK  
Excellent. What investigative method did you employ?

A rather sheepish Kim replies.

KIM  
I guessed. Just took a stab at it.

TUVOK  
Indeed. Hardly scientific... but one cannot argue with results.

KIM  
Wow, look at this! All their files are open. Primitive programming?

TUVOK  
Correct.  
(beat, working)  
This is, fascinating. Tie your tricorder into mine and translate as you download. Keep a complete record for later analysis.

Tuvok's comm badge sounds and he taps it to respond

TUVOK  
Tuvok here. Report.

TORRES' VOICE  
Engines are back on line. Radiation protocols in effect, we should be safe in a few

hours. Shields will be restored before then.

TUVOK  
Excellent work, report to the Captain as soon as you have finished.

The two become absorbed in their work again.

KIM  
I found something. Looks like they stole this ship.

TUVOK  
(off tricorder)  
Correct. Looking for new resources and worlds suitable for colonization. And I have the location of their home world. It is just the other side of the adjacent nebula.

KIM  
Look at this, Sir. I'm getting a download of a large file. It makes references to a Great Rift. The Great Philosophical Rift and The Parting. Seems real important to them, lots of references to it --

Kim looks at Tuvok who seems distant.

KIM  
(continuing)  
Are you all right?

ON TUVOK  
Tuvok shakes off his 'trance' .

TUVOK  
(off tricorder)  
Just fine, Ensign. These records answer my main question, the origin of these people.

(beat)  
Over two thousand years ago, Vulcan experienced a rift when the original teachings of Surak were adopted by my people. There were many who refused to accept the change and left in order to begin their own society. The Vulcans who left eventually would form the Romulan Empire.

Tuvok turns back to face Kim.

TUVOK  
(continuing)

It would seem these people became separated from the main body of travelers. We have essentially discovered a 'lost tribe' of Vulcan.

TWO SHOT - KIM AND TUVOK

Kim reacts to Tuvok's statement with amazement.

Off his reaction...

CUT TO:

VOYAGER- SICKBAY - WIDE ANGLE

Janeway and the Doctor are greeting the recently revived group of lost Vulcans. The N.D. security team is still present as is the security barrier.

JANEWAY  
Welcome to the starship Voyager. Your ship is in tow and have completed repairs. As soon our Doctor is finished, you will be able to resume your journey.

The survivors are slow to trust and uneasy.

SURVIVOR #1  
You are from beyond the nebula?

JANEWAY  
Actually, we are from a much greater distance and on our way home. We heard your signal and came to help.

Survivor #2 is examining the ship very closely.

SURVIVOR #2  
Your ship was able to enter the Great Nebula without being damaged? It is very advanced. Just where are you from?

Before Janeway can answer, Tuvok enters. All the survivors instantly focus on him.

SURVIVOR #3  
He is one of the Others! Then our Ancient Ones were correct, they did send someone after us!

The entire group of survivors suddenly become agitated and militant. Janeway turns to see why they have reacted as such and becomes confused.

JANEWAY

Tuvok, what --?

SURVIVOR #2

That is why they have energy barriers and armed guards for a rescue!

TUVOK

Perhaps they are under the impression that I have been sent by Vulcan authorities to bring them home.

Shock sets in as Janeway realizes who the aliens are.

JANEWAY

They really are... your people?

TUVOK

A few may even be distant relatives.

SURVIVOR #1

He is Vulcan! You are working for him! You've come to take us back!

JANEWAY

No. We are simply attempting to return home. We came to this space by accident.

SURVIVOR #2 is very confrontational and suspicious

SURVIVOR #2

Then you will set us free?

Tuvok steps closer to Janeway and the security screen.

TWO SHOT - TUVOK AND JANEWAY

TUVOK

Actually, we can not.

JANEWAY

(to Tuvok)

Explain. Why did you insist the security measures remain in place?

TUVOK

Ensign Kim and I found evidence that their ship was stolen. We have the location

of their home world, so it is possible to return them and the stolen ship.

JANEWAY

I see. How long would it take to reach their space?

TUVOK

Four hours, twenty one minutes and twelve point three seconds.

SICKBAY - AS BEFORE - WIDE ANGLE

The survivors are all watching and listening carefully.

TUVOK

Is their ship ready for travel?

JANEWAY

Torres reported the ship ready.

SURVIVOR #3

Not possible! You want us to return to the ship to be killed. If we return home, we have to enter the Great Nebula. We can't last --

JANEWAY

(interrupting)

You will remain here, safe, until I can determine exactly what is going on. Your ship, or rather, the ship in question, will be towed to your home world until its rightful ownership is determined.

Janeway turns to leave, but Tuvok stays behind.

JANEWAY

Tuvok?

TUVOK

I wish to remain.

Janeway nods in understanding and exits.

SURVIVOR #1

Now we see who's really in command. Is it time for the interrogation?

TUVOK

Not at all. I simply want to know more about your reason for stealing the ship. I know you were attempting to locate

a new home, but for what purpose?

All of the Survivors are surprised by his knowledge.

TUVOK

Your computer codes are easy to decipher. We have downloaded most of your database and are analyzing it now. However it does not tell us what your motivations are.

SURVIVOR #3

Why should you care?

TUVOK

Since we share a common ancestry, I feel an... obligation to help.

Survivors consult briefly with each other.

SURVIVOR #2

You would let us go?

TUVOK

That I can not do, however, I may be able to assist you in other ways.

Again the Survivors talk among themselves

SURVIVOR #2

We are not satisfied with the current leadership on our world and we are not alone. There are many of us, we are just the first that have done something about our dissatisfaction.

Tuvok contemplates what he has heard.

TUVOK

It is happening again. Over two millennia ago, our people were divided by the Great Rift. You are now beginning another such division of philosophies and life styles. It will be a critical time for your people and your home world.

(beat)

I shall do what I can to assist you.

Off Tuvok's words...

FADE OUT.

END ACT ONE



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# Computer Operations Report

## By John Troan

---

This month's newsletter is coming out later than normal (and originally scheduled), partially due to a quick trip I took to New York to visit my mom and see a barbershop show -- barbershop quartets & a chorus -- that she's been telling me I needed to come see sometime. The show was *great* and definitely worth going up to see. (Of course, visiting mom was fun as always. :))

The images in this edition are from the New Horizons mission as it passed by Jupiter, with the closest approach on Feb 28. The front cover features Jupiter's moon Io, the only other body in the solar system with "regular" volcanic activity. The plume at the top limb is an active eruption near Io's north pole. Below is a pair of views of Jupiter's ring system as the spacecraft traveled toward (top) and away from (bottom) Jupiter.

While the mission is destined for Pluto, Jupiter was used as a practice run for what will eventually happen during the Pluto flyby and a check of the software & instruments before they go into hibernation during the eight-year trip to Pluto.

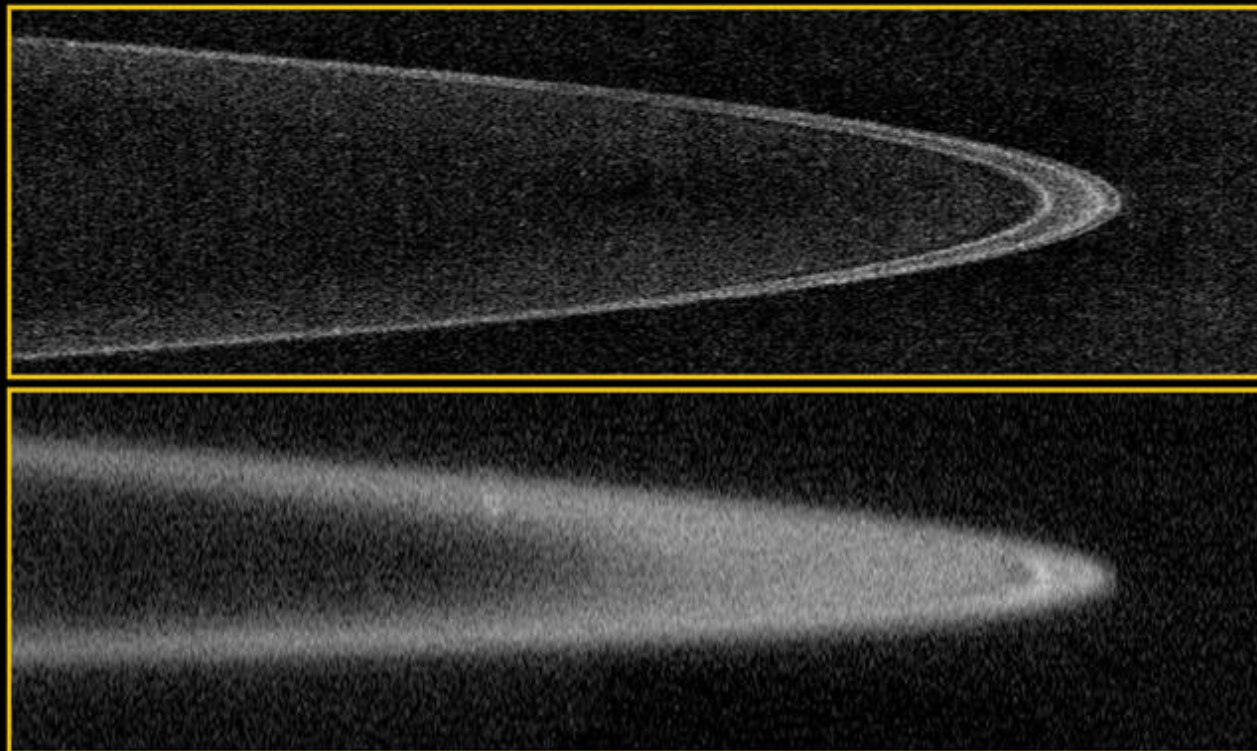
There were also a lot of discoveries made with the first new information since the Galileo mission ended in September 2003. This was the first close look at the relatively new Little Red Spot, which formed when three smaller storms merged in the last several years.

Updating the shuttle program, the external tank damaged by the hail storm in February is still being repaired. NASA officials met a few weeks ago and decided that that was a better plan than to swap-in the tank for the following mission. Most of the spots have been repaired already, with some new foam applications

planned for this weekend. Atlantis' STS-117 mission is still on-track for early-to-mid June.

The newly-arrived tank has been moved from its barge and to the VAB for checkout and eventual mating to its solid rocket boosters for STS-118 in August.

Putting some potential pressure on the flight schedule later in the year was this week's derailment in Alabama of a train carrying booster segments. The eight segments and two after cones were scheduled for STS-120 (October) and STS-122 (December). The manufacturer says there are alternate segments available if there was any damage to any of the ones on this train. (The SRBs are recovered after each launch, taken apart, and are trained back to Utah for checkout & repacking for a future flight.)



NASA/JHUAPL

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## Upcoming Events

---

|            |          |  |
|------------|----------|--|
| <b>May</b> | <b>5</b> | <b>4 p.m. Ship Meeting, Fisher Home</b><br><i>Cookout follows (See J.R.'s article)</i> |
| <b>Jun</b> | <b>2</b> | <b>4 p.m. Ship Meeting, Fisher Home</b>  |

**DON'T FORGET TO CHECK YOUR STARFLEET STATUS**

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