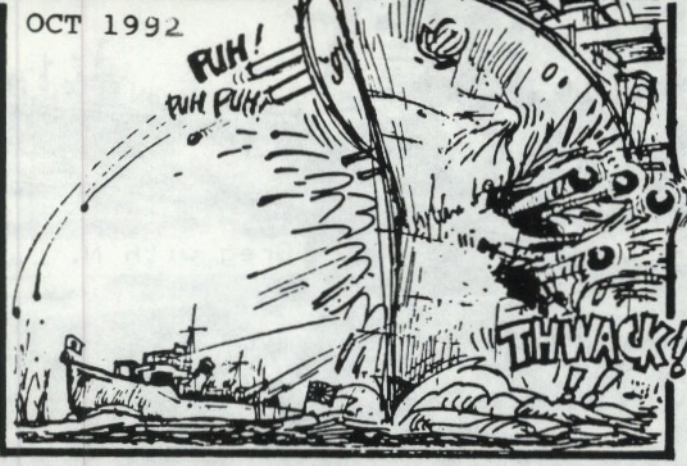


# HULLBUSTERS

OCT 1992



## NATS

### To You !!!

Hello! First of all I would like to congratulate the Allies for winning the '92 NATS! The Allies overwhelmed the Axis early in the week. Then the Axis came back with a vengeance Thursday to cut the lead to 2,500 points. It came down to the last battle on Friday to decide the winner. Very exciting! Jim Pate spent alot of time talking tatics to the Allies during the week, and it paid off. The Allies had bigger, better, and more reliable ships this year than they have had for many a year. Also I saw a great deal more intelligent battling out of the Allies that comes from more experienced captains. I remember Jim and Fluegel talking to thier captains as they battled. The constant changing of A and B Fleet rousters by both Admirals reminded me of two Football coaches trying to bring thier team victories. What fun! Once again CONGRADULATIONS ALLIEDS!

Secondly Brian Craven , I , and the rest of Texas battlers would like to thank all of you for picking Houston for site of the '93 NATS! Brian and I have been working on and thinking about '93 NATS for about a year. We have been working out the location, hotel, and details already. More about that in a minute.

I would also like to thank you for picking me as CD. I will be dealing with the Admirals mostly, but will listen to problems and make judgements as best as humanly possible. I would also like to thank Gerald Roberts for agreeing to be assissant CD to help me out. I will still have the final say.

I would also like to thank the Florida group for a well run and fun NATS! I had a good time. Unfortunately, I didn't have enough time to spend with everyone that I would like to. But, that's always the case at every combat event.

Brian and I feel the lake and the comindations are the best for any NATS ever! The lake is shallow, 2-4 feet, the hotel is close, 5 minutes

or less, and a covered, cement floored, pit area with electical outlets about every 10 feet! The lake has 3 connecting areas with two bridges. The height under the bridges has run from 14-18 inches, depending on the rain. We will keep you posted on the height under the bridges. Also Brian and I are looking into building a couple islands for something to hide or steer around.

The hotels are the Comfort Inn and Holiday Inn. Brian said he's trying to get airline rates, that should be about \$27.50-\$32.50 a night. A good rate for a nice hotel; for our hobby. Also the food will be served lakeside with softdrinks on tap all day! Are you spoiled or what? Of course there are bathrooms lakeside and our Friday night Awards Ceremony will be held lakeside in an airconditioned room. We are going to serve lunches between 12 to about 1:30 Monday through Friday. The Friday evening meal will start about 6:00 P.M. If we get started early enough on the rules meeting we should be able to finish in the same room we eat in. All in all it will be an easy NATS for traveling, logistics, and convenance.

If there are any questions, needs, or problems please feel free to call, write, or tape me at the following address.



WELCOME TO HOUSTON  
15th Annual R/C  
Warship Combat Site  
Wade Koehn  
1251 Wilcrest Apt. 103  
Houston, TX. 77042  
713-952-3078

## Blow-by-Blow

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## Battle Reports



1992 NATIONALS  
Tuesday  
by Steve "FAB" Baker

Tuesday started as each day of Nats did with clear, warm weather and a slight breeze coming from the pond. The opposing Admirals exchanged score cards and the "A" fleet made ready for battle. Fleet Battle 3 "A" would have the following line-up:

### ALLIED

- |             |              |
|-------------|--------------|
| Dave AU     | Lion         |
| Chris Au    | Iron Duke    |
| Marty Hayes | Warspite III |
| Don Cole    | Alabama      |
| *Jim Pate   | Indiana      |



Lief Goodson of Lakeland rescues his ship after it sinks. Luckily, the waterproof material covering the hull of each ship is easily repaired after a battle is over. Club members, who came to Orlando from all over the country for this week's competition, assembled about 60 ships for the contest. They'll continue to do battle through Friday.

|                  |             |
|------------------|-------------|
| Francis Rogowski | Gangut      |
| Brian Craven     | S. Dakota   |
| Rick Whitsell    | N. Carolina |
| * Allied Admiral |             |

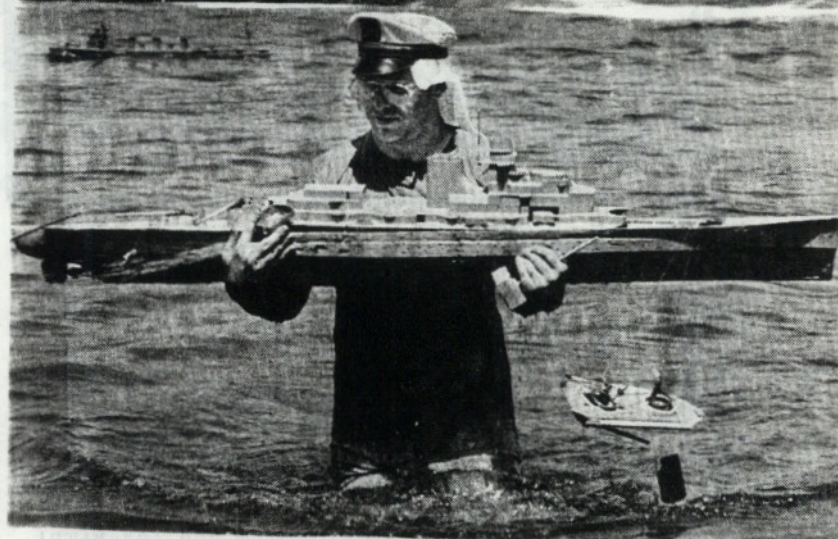
#### AXIS

|                  |                |
|------------------|----------------|
| Lief Goodson     | Bismark        |
| Wade Koehn       | Lutzow         |
| Jay Edwards      | Vitorio Venito |
| Gerald Roberts   | Abu Kuma       |
| Terry Keef       | Lutzow         |
| Steve Milholland | Lutzow         |

As war was declared the Allied fleet had taken position to seaward, awaiting the Axis fleet to clear harbor. Abu Kuma, commanded by Gerald Roberts was first to clear the harbor boom and made an assault on Brian Craven's S. Dakota. As the balance of the Axis fleet hove into view Lief Goodson's beautiful Bismark was obviously singled out for attention by the Allied fleet. On Monday Lief and Fluegle's Bismarks were a favorite target of the Allies. The Axis had split these two ships into different fleets on Tuesday. Could it be to cut their losses? Steve Milholland and Lutzow screened for Lief as he attempted to keep Bismark to seaward. Gerald's Abu Kuma (Lt Cruiser) wove in and around the battle area scoring some good hits on various Allied assets. Gerald threw his little ship around with reckless abandon. Jim Pate with Indiana and Brian Craven's S. Dakota gave chase. I mean really gave chase! Must be one of those TEXAS things. Brian somehow manages to ram Gerald (it's a small target folks!) and they both come in for a ram check. Steve Milholland's Lutzow takes some damage from Jim Pate and begins to pump (it should be noted the Milholland's ship has a hull skin of only Silkspan stretched over a very sexy fiberglass hull). Lief now earns some sterns from Jim Pate. Francis Rogowski with Gangut engages Bismark and scores some points below the water line. Bismark is once again close ashore and Marty Hayes with Warspite III contributes some high quality steel to Bismark's collection of hits. Rick Whitsell's beautiful new N. Carolina receives hits from Jay Edwards with VV. The Allied units come to Rick's defense and he escapes the trap. This was Rick's first battle experience with a Battleship, as he had commanded a CH previous to this. He did a fine job all week. This was also the first time this ship had ever battled. Steve Milholland laces some stern shots into Don Cole's Alabama. Lief is now seen within hailing distance of shore with Gangut chewing on his tail. Jim Pate brings Indy's sterns to bear on the German behemoth but, no ammo. Now Dave Au brings Lion into the tussle smelling blood. Frank Pettelli (a casual observer), in frustration, invites Lief to bring the Bismark in closer to shore so



Greg with N. Carolina.



Lief with Bismark

that a photo opportunity might take place. I think he was trying to tell Lief to get some sea room. Lief indeed comes closer, bringing several Allied ships with to provide the proper perspective of just how big this German hull really is. Now mind you as all of this pounding on Bismark is going on Lief is dishing out his share too, but when there's one of you and six of them... Lief gets rammed by someone and comes into check it. As Bismark returns to battle pumping continuously she promptly rams Don Cole's Alabama. As Bismark returns to battle again a hose is heard to blow somewhere deep inside. Lief decides to make his escape as the Allies try to box him in. Her escape to seaward thwarted, Bismark shudders under the guns of Indy and Gangut. Finally Bismark breaks free and escapes out to sea with Brian Craven, Chris Au, Francis Rogowski, Don Cole, and Marty Hayes in trail. While Lief's pump stays ahead of his damage Jim Pate swings Indy into the area to give Lief motivation to remain on the move. The clock takes over as the battle winds down, no one having sunk in this sortie. The Bismark took the worst of the damage for the Axis, absorbing 100 above, 5 on and 7 below for 1475 pts. In contrast the worst the Allies could show was Chris Au - Iron Duke - showing 10-1-4 for 325 pts. 3A first sortie scores show the Allies ahead 2035-1260.

"A" fleet looked good for the Allies so far, how would the B fleet first sortie go? Let's look at the line-up.

ALLIED

|               |              |
|---------------|--------------|
| Steve Baker   | Invincible   |
| Greg Wilson   | N. Carolina  |
| Tom Jass      | Tiger        |
| Chris Pearce  | Vanguard     |
| Bart Purvis   | Pennsylvania |
| Mike Elledge  | Sevastapol   |
| George Goff   | New Orleans  |
| Adam Thibault | Louisville   |



Deskin with Will's Hiei engages Invincible and blows are exchanged. Greg Wilson's N. Carolina goes 5 out of control as Invincible pumps. The battle winds down as more captains call their "5".

Well, this was definitely a different battle than was fought the day before. The Allies being unable to go on the offensive and hit their assigned targets, had to play a defensive game against a very aggressive and talent laden Axis "B" fleet. The Hiei took the most damage for the Axis at 28-3-4 while the Allies had several ships taking notable damage; Tiger with 1045 at 57-3-8, N. Carolina with 865 at 44-3-7, and Sevastapol with 565 at 24-5-4. This sortie was Axis dominated with a score of 3585-1695.

AXIS

|                 |              |
|-----------------|--------------|
| Mike Blattau    | Lutzow       |
| Nathan Blattau  | Derflinger   |
| *Fluegel        | Bismark      |
| Dave Haynes     | Kongo        |
| Ron Hunt        | Prince Eugen |
| Will Montgomery | Nagato       |
| Frank Pittelli  | Hindenberg   |
| Mike Deskin     | Hiei         |
| *Axis Admiral   |              |

Fleet Battle 3A second sortie begins with a wounded Bismark on 5 and Jim Pate on him like a cheap suit. Real cheap. It's not long before the Big Lady is decks awash and Lief wades in. Wouldn't you know that Lief, bringing her in, would be the picture that gets published in the local paper! My tape recorder starts to malfunction at this point so details are a little sketchy. The Abu Kuma dashes about in her usual fashion but finally limps into a small bay where she succumbs to her damage of 35-4-7. Jim Pate ram sinks the Lutzow of Steve Milholland (one of the advantages of silkspan for hull skin?). Now my tape recorder really bights the big one and all I can do is to relate the final scores. The Allies score 3605 while the Axis nets 715 bringing the final score to 5640-1975. An Allied victory by 3665. But lets see what happens in the second sortie of B fleet.

Well we can see that the B fleet Allies certainly will have a full plate in this battle. Let's see if they can maintain the offensive. Fleet Battle 3 B begins. Chris Pearce's Vanguard was selected a high priority target with the Tri Pack engaging very early in the battle. Jass' Tiger and Greg Wilson's N. Carolina provide escort to Vanguard as Mike Deskin brings Hiei into the furball. Now Tiger beats heavily on Will Montgomery's Nagato (where did he come from?). Greg Wilson rams Frank Pittelli's Hindenberg and they come into survey the damage. Nagato and Tiger continue to hammer at each other. Now Mike Deskin aids Will in pursuing the Tiger. Blocking maneuvers fail and Vanguard comes to the rescue. Now it would seem that Tiger has been selected a the Axis primary target and she is engaged by one of the Tri Packs and Prince Eugen. Tiger is engaged by two Tri Packs and the damage starts to count, the Tiger taking the worst. Bart Purvis' Pennsylvania and Dirty Dave Haynes' Kongo find each other and come in on a ram. Will and Mike engage Vanguard. Invincible is seen trying to engage one of the Tri Packs as Sevastapol is engaged by the Tri Pack but escapes. Kongo was rammed by Sevastapol and Dirty has to retrieve his trusty stead. Mike

Fleet Battle 3B second sortie finds a new tape in my recorder so the details are much better. I would like to thank Gerald Roberts for taping a narrative of the B fleet battles for me (I was battling). I wouldn't have been able to do this with out his help. Gerald interviewed Fluegel at this point, so we get a look at the Axis strategy for 3B. Will had been assigned Tom Jass as a primary target unless he ran, Tri Pack was going to intermix with everyone with Fluegel and Dirty going after Greg Wilson. Next Gerald interviewed Jim Pate to see how the Allies would counter. Neither Admiral got to hear the others comments. The Allies planned

1992 NATIONALS FINANCIAL REPORT

Who cares if we made or lost money -- the ALLIES WON 1992 NATS and Dr. Bart Purvis, DDS has offered (in the spirit of magnanimity) to offset any deficit that the CD and the Nats Host may have incurred. With that fact out on the table, here's an accounting of the income and expenses of 1992 Nats.

EXPENSES

- Trash Pickup (City).....35.00
- Restroom Usage (Store).....50.00
- Lake Insurance.....40.00
- Sanctioning Fee.....10.00
- Trophies
- 14 @ \$9.75 each.....136.50
- Ribbons
- 34 @ \$4.00 each.....136.00 \*
- Target Material.....73.42
- Wood Stakes.....29.40
- Drinks, Ice & Cups.....140.57
- Frequency Tree.....16.25
- Bull Horn.....50.11
- Postage.....14.50

Total 731.75

\*Estimated

INCOME

Entry Fees (34 persons).....680.00

Total Profit was -\$51.75. This might be further reduced if Leif doesn't spend \$4 per person for ribbons; he thought this estimated figure was high. Also the Bullhorn that I bought (that the Axis battlers loved so well when I played Allied tunes) I gave to Wade Koehn for use at next year's Nats. So, if we spread that cost over two or three years -- we may even break even for 1992 Nats in Orlando. If not, Ron T just send a bill to "Black Bart" the rich dentist ("Doc" Broring isn't as rich as Bart -- yet).

You may wonder what the wooden stakes were for -- they were for Frank Pittelli's black heart, but we Allies couldn't find any evidence of a heart after driving fifteen stakes into his sunken chest.

Once again, thanks to the Orlando gang (Don Cole, Greg Wilson, Mike Elledge, Buddy Friend, Charlie Griffin, George Goff, Mike Smith, et al) for all their work and efforts to make Orlando Nats a great success and mucho fun. Thanks also to Fluegel and Jim Pate (the Admirals) for all their help during the week!! Support your CD in 1993.

Tom Jass  
1992 Nats CD



to run and gun. With several ships badly damaged the primary mission was not to sink and take care of the wounded. Tom Jass with Tiger withdraws just before the start of battle because of a steering casualty. Things are off to a bad start for the Allies.

The battle starts with the fleets widely dispersed. Sevastapol goes on S immediately as does Greg Wilson. Sevastapol takes position just outside of a reed bank so that visibility for any attacker is almost nil and N. Carolina is well out to sea. Invincible and Pennsylvania provide screen for Mike's Sevastapol while what's left of the Allied fleet try to help Greg. Tri Pack zero's in on Sevastapol. Bart and I have our hands full! Nagato and Vanguard engage in some heavy side mount action. Hiei joins in as this Jap detachment singles out the big Brit for attention. The action moves into shore as the Pennsylvania and Invincible end up mixed in with Will and that group. So now we have the Tri Pack trying to make Sevastapol pay, while Invincible and Pennsylvania screen, and Vanguard, Nagato, and Hiei mixing it up too. Gerald comments that the battle is very spread out, with very little heavy pounding going on, which is just what the Allies wanted. Now partners change as Vanguard sterns one of the Tri Pack and Hiei engages Pennsylvania. Nagato and Hiei disengage, move back toward shore to regroup, and sweep in on Vanguard. Presently Greg's N. Carolina and Mike's Sevastapol come off of S, so the Allies succeed in protecting their cripples from the first sortie, but in doing so absorb a lot of damage. As Hiei steams through the fleet handing out damage, Vanguard's directors find the range and get some good hits on her. Heavy side mount action takes place as one of the Tri Pack sends BB's crashing through Vanguard's hull skin. Vanguard pumps sporadically. Vanguard sterns Nagato with 5 or 6 rounds of AP. Nagato and one of the Tri Pack has Vanguard pinned toward the shore with Nagato to seaward. Pennsylvania dumps side mounts and then sterns into Will trying to help Chris. Will rotates his turret

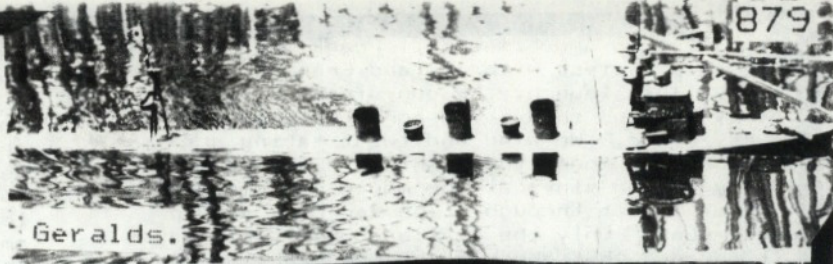
**M**embers of the International Radio Control Warship Combat Club (top) direct scale model battleships at Lake Davis in Orlando Tuesday. The ships fire live ammunition made of steel BB's launched with compressed air. Each participant is required to wear shatterproof goggles to prevent injuries.

and side mounts probe the hull of the Vanguard looking for vitals. Gerald counts 11 hits on Vanguard. Vanguard answers with side-mounts of her own. A real side mount show develops and the crowd goes "OOOOOOH". Nathan tastes some of the Vanguard's side mounts. Vanguard and Hiei get it on next. Vanguard looks to be taking on most of the Axis fleet, but giving as good as she gets, which is hard to do with a ship of this size. Vanguard steams seaward. Invincible is being sought by the Tri Pack. Vanguard moves to give some aid. Will momentarily gets confused and watches the Hiei, instead of Nagato. Bismark now tries to engage Invincible, which as usual is sitting low in the water (the rumors of my death have often been exaggerated). Vanguard takes on the Tri Pack to give her little sister Invincible some breathing room. Bismark once again tries to engage Invincible, but the difference in turning ability negate this threat. Hiei is seen to be pumping real hard and may be in trouble. Invincible is on S and Vanguard is engaged by the Tri Pack so Hiei can pump in peace. Bismark and 2 of the Tri Pack (Bi Pack?) dog Invincible. Invincible comes off of S leaving the Axis fleet to Vanguard. Chris handles his ship very well as Nagato and Bismark score few hits. Vanguard goes on S and heads out to open water ending the second sortie of Fleet Battle 3B.

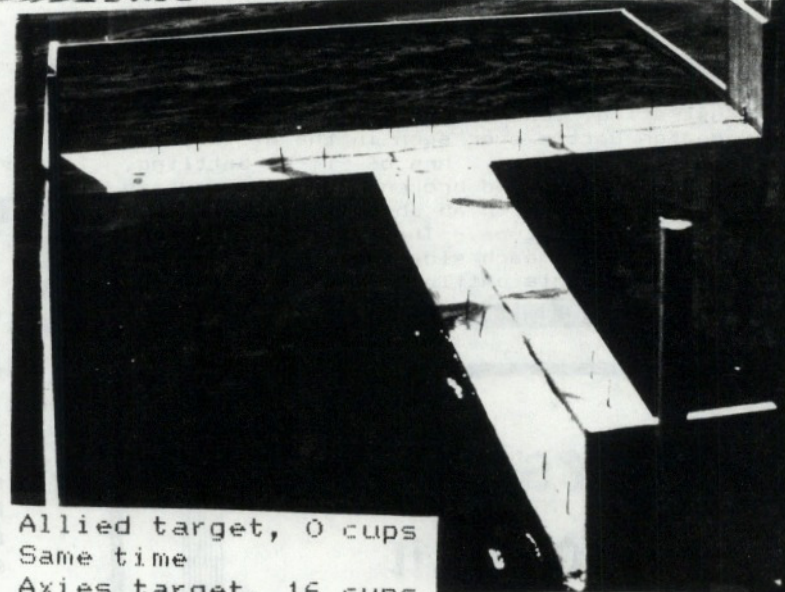
Let's look at the results. The Axis add 3420 to their point total for this sortie while the Allies add 1235, bringing the final score to 7005-2930. An Axis victory. Looking at the overall picture, the battles were split between the Allies and Axis with the points very close. The Axis gained 410 points for the two battles.

Campaign

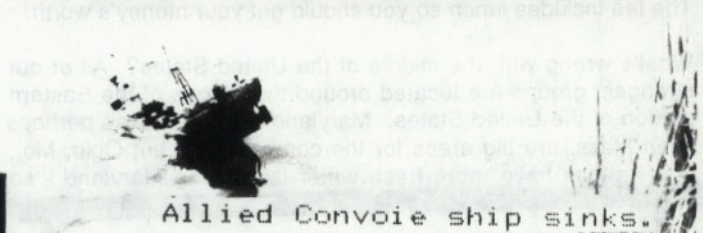
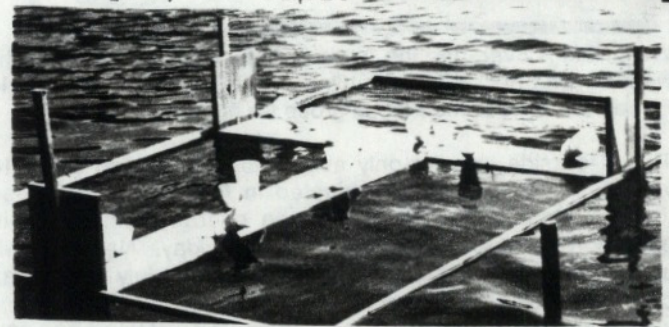
How does one write about a campaign, especially this one. The Allied strategy was to engage Convoy ships and Warships leaving the Axis shore target alone and not to run any Convoy ships until after the first target check. Then to run them en masse. Well that sounded good, but everything went about as wrong as it could. The Axis launched 3 Convoy ships with one getting sunk and 2 making it in right off the bat. We all know how important those first few runs are. To make matters worse the Axis cleaned all but three of our cups off the shore target by the first target check. For some reason several of our Convoy ships launched before the first target check and all were sunk. I remember seeing Frank and Lief running with Convoy ships in their arms getting ready for another supply mission. They looked like a couple of kids with \$3 in their pockets, heading for the candy store. They were really having fun. The Axis Convoy ships just kept coming. I really thought we had been had. I hadn't run a Convoy ship since my first visit to a regionals at Dan's back in '89. What the heck, may as well give it a go. Marty and I launched at the same time. Marty headed for the weeds as I headed to sea. I bobbed and weaved and shucked and jived and some how made it threw just before target check. As I pulled my Convoy ship out of the water and extracted the Manifest I was told by an Axis Captain (who shall remain nameless) "Why did you do that? You just prolonged the agony". As target check was called the Axis gave a cheer. No cups left on the target! But the manifest in my hand had one of each so we bought 20 more minutes of abuse. After target check Marty made it in giving us another lease on life. Mean while the Axis supply train continued to pile record breaking amounts of war material on our shores. Now Jim Pate, Doc Broring and Brian Craven (and probably others too), took on the task of clearing the Axis shore targets. Fluegel told me later that all the cups were full of supplies. And clear them they did. During this time a rather interesting incident took place that I would like to relate. Greg Wilson's son Joey (my personal buddy and pal) had expressed a desire to run a Convoy ship. I could see no harm in doing so, and having cleared it with the leadership (yes he had insurance) Joey, with a little help from myself launched our supply mission. Things were going pretty well, Joey handling the ship like a pro, when who should arrive on the scene? That



Geralds.



Allied target, 0 cups  
Same time  
Axis target, 16 cups.



Allied Convoie ship sinks.

BEER AND 'WURST

BY

Wade Koehn

**BEST:** The best time I had at NATS was being Fluegel's wingman. I would stay at right angles from the BISMARCK with my LUTZOW. When Fluegel would engage another ship and someone, usually the IRON DUKE, INVINSIBLE, or a N. CAROLINA class ship attacked him, I would come from the outside and put three to five holes in the attacker before even being noticed. The attacker would then break off of Fluegel deciding the damage he was giving-taking wasn't really worth it.

**WORST:** A 200 point ram penalty. Axis being defeated. Not winning my class three years in a row. Sinking, because my pump with a four screen system was clogged.

**FUN(NIEST):** During the rule meeting Brian bought me a beer. Dirty was standing with Brian and I. After finishing the beer Brian bought me I brasenly finished Brian's AND Dirty's beer. Dirty and Brian stood there with their mouths open in disbelief. Also spending time with all of you is what I like most of all at NATS.

sinker of young people, Dirty Dave Haynes. For those of you who don't know how Dirty became Dave's nick name allow me to enlighten you. I don't know at what battle this took place, but, it would seem that someones daughter (approx age 14) was in command of some form of ship, convoy or otherwise, and Dave sank her. Someone made the comment "That was really dirty Dave" and it stuck. Now back to Joey and me. Dirty arrives on the scene and Joey is directly to seaward of home port about 50 feet out heading toward shore. Dirty makes his attack. While Dirty is shooting I ask him "How old was that little girl that you sank Dirty?" his reply, "Thirty Six". Joey sank. Joey is either 11 or 12. So is it Really Dirty Dave? Or maybe Dirty Dave Squared? Perhaps, Dirty Rotten Dave? Anyway with Mike Deskin's help the little ship was found and the battle raged on. The situation is this. No one has any cups standing. The Axis is launching one last Convoy with three ships. I've got Invincible on the water waiting patiently for the Convoy and am joined by Jim Pate, and Francis Rogowski. We each take a target. Mine is

Dirty Rotten and his ship. Frank and Nate have one ship a piece with Jim and Francis splitting them. They launch. My gun directors steady on Dirty Rottens ship. The cordite fumes are every where. We wind and twist taking great care not to touch their ships. End result, Dirty Rotten sinks at the mouth of home port not making it through. The Jap Convoy ship gets sunk. Only the Italian Convoy ship makes it through, but she was the one carrying the goods .....

I would like to quote an exhausted Frank Pettelli, who replied to my request to describe this Campaign Battle. "This was the most frustrating, longest and hardest fought Campaign Battle ever seen in the history of this hobby" After 2 hrs of fierce battling, with plans made and broken, hopes raised and dashed, we ended in an absolute dead tie. No one had any cups. The last Convoy that made it through for each side had identical manifests. This battle was history in the

making and I was proud to have been part of it. But was I ever glad it was over.

So to conclude Tuesdays report, the Axis shifted strategy and forced the Allies into a defensive posture. The Allies held on and did not allow a single ship to sink while the Axis lost one of their biggest, Bismark and their smallest, Abu Kuma. The Axis had Campaign in their pocket, but the Allies battled back to achieve a first time ever tie. So for their efforts the Axis gained 410 points for the day. Some thing was going have to happen for the Axis to recoup their first day losses. Would the battle worm turn during the remainder of the week? It was only Tuesday. A day that I shall remember for a long time.

you battlers in the middle need to get out and recruit then sponsor Nats. in a more centralized location.

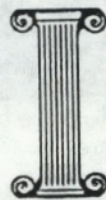
In the Northeast, we had a small but enjoyable event of about 12 people including Lief Goodson from the Florida group. Thanks Lief for traveling all that way to join us. The mixed fleets on Saturday fought some rather balanced battles but the Axis/Allied battle on Sunday turned real one sided against the Allies. Personally, I sank after someone yanked out the starboard drag prop and SHAFT leaving a silver dollar sized hole in the bottom of the new Waspire where the prop shaft support was. She only had about nine shell holes in her as she went under.

Southeastern fall regionals is coming up on this next weekend, and this time only a small portion of MAG will be attending - Frank's about to become a father and won't be going. Many of the rest of us just don't feel up to the long drive or our ships are out of commission. We'll see you in the spring.

One of my assigned duties for the year is to find someone who can produce a recruitment tape for the hobby for under \$250. Anyone have any friends who are taking video or something similar at college? Also I will be happy to receive any ideas - videos to be included, etc. for this project.

Another assigned duty is have a committee produce an alternate set of campaign rules (much simpler) - Frank has already provided me with the first draft of that. The suggested set in a nutshell: a) has fixed targets for the forward base on a flat format b) Provides for the counting of holes in ships. c) give a point value to getting supply ships through. d) allows for several ships per. captain. Ideas for consideration should be sent to Frank Pittelli, 33 Wilenior Dr. Edgewater, Md. 21037.

## President's Column



Well, Nats is over, and the Allies pulled it off for a change. The weather was hot, but the battling and fellowship was great in Florida. Thanks to the Florida group for hosting the event.

The Allied side won for only about the forth time in some 14 years or so. Battling - conducted in four fleets was close through most of the week and the overall points were in question down to the last fleet battle on Friday. Next year will be in Houston, Texas on the second week in July (mark your calenders). See you there! The Texans have promised a great week although it will have a larger sign up fee (about \$85.00). The fee includes lunch so you should get your money's worth.

What's wrong with the middle of the United States? All of our strongest groups are located around the fringes of the Eastern portion of the United States. Maryland, Florida, Texas perhaps even Mass. are big areas for the combat world but Ohio, Mo., and Kansas have more fresh water lakes than Maryland - so

## Blow-by-Blow

Thursday Battle Report

## Battle Reports

Nats 1992

Through a series of eight battles that began on Monday, the Axis fleet had managed but one win. The win came in the fleet 3B battle and had been the only bright spot for the Axis fleet. The fleet make-up for this battle were as follows:

| Axis             | Allies            |
|------------------|-------------------|
| Lutzow (CB)      | Iron Duke (BB)    |
| Derflinger (CB)  | Invincible (CB)   |
| Prinz Eugen (CA) | Washington (BB)   |
| Nagato (BB)      | Alabama (BB)      |
| Hindenberg (CB)  | N.Carolina (BB)   |
| Musashi (BB)     | Vanguard (BB)     |
| Lutzow (CA)      | Pennsylvania (BB) |
| Hiei (CB)        | Sevastapol (CB)   |
| Roma (BB)        | New Orleans (CA)  |
|                  | Louisville (CA)   |

The first sortie of the day began at 10:10 AM and at the very begining a ram is called on one of the Tri-pac ships. The ships come to the shore to check for damage and soon return to the battle. The New Orleans, designated as a target by the Gross Adm. is set upon by the Blattau Bros. while she is being escorted by the Vanguard. Nagato enters the scene and exchanges side mounts with the Van. then turns away while firing her stern guns at the Van. The Pennsylvania goes by pumping lightly, and off to the north-west part of the lake the Lutzow(CA) is seen sitting, aparently waiting out her 5min. call. Closer in, the Musashi and the Washington exchange Broad-sides. Soon the Van and N.Carolina join in the pursuit of the Big Musashi. The Musashi makes a rather large turn and ends up stern to stern with the Van. Musashi attempts to fire her triple stern mounts but only a hissss comes from the ships third turret. Realising the situation, the Musashi goes on five and leaves the area. The Nagato makes a pass on the N.Carolina and the two exchange side mounts. The N.Carolina is beginning to pump steadily as a ram call is heard. The Nagato and Van move to the shore to check for damage, neither is injured so they both re-enter the battle. Hindenberg comes along side the

N. Carolina and fires her side mount, but the Washington in an attempt to aid her moves into a position that blocks her teammates fire. The N. Carolina calls a ram, and she and the Hindenberg move to shore to check for damage. The Nagato is using her stern gun quite a lot in this sortie, a lot of shots being in the direction of the Van. Now Nagato fires her stern gun in the direction of the Pennsylvania, looks short. Washington begins a pursuit of the Musashi but is unable to get off any telling shots. The Musashi in her flight burrys herself deep in the reeds next to the shore. The Washington attempts to hit her with shots from her stern guns. Most of the ships that are still on the water are pumping, some heavily. Again the stern mount of Nagato fire at the Van. Van moves away and gets some front sidemount shots on the Hindenberg who turns away and uses her stern sidemount on the N. Carolina, then fires on the Van who is now on her starboardside. The Sevastapol enters the scene as she and the Nagato trade sidemounts. The Pennsylvania takes advantage of the situation and fires a few rounds in the nagato with her stern guns. "Man in the water" is called as the out of control Derflinger is retrieved by her captain. The Hiei calls five and is immediately set upon by the Washington, both ships running close in to the shore. The Pennsylvania assists the Washington in her effort but the Hiei escapes to safer territory. The Iron Duke is seen engaging the remaining ships of the Tri-Pac and in the background the N. Carolina is getting dangerously low in the water and listing badly as she turns. The N. Carolina stops dead in the water with the Washington on one side of her and the Pennsylvania on the other for protection. The Nagato tries to get at the N. Carolina and in the process is hit by the stern gun of the Invincible. "Man in the water" is called and the captain of the N. Carolina recovers her just before she secumbs. The battle starts again with the Invincible coming alongside the Lutzow, training a turret then firing, they appear to be just a tad short. The Pennsylvania takes a turn at the Lutzow and manages to use her sidemount to effect. The Hiei finishes her five and leaves the lake, Nagato goes on five, Washington goes on five, as the sortie comes to an end.

The Hiei and the Derflinger both were charged with ram penalties. On the Allied fleet, the N. Carolina was in serious danger of sinking. All 19 ships will return for the second sortie of fleet battle 4A.

Chris Au's Iron Duke.



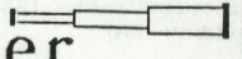
Second Sortie 4A

The sortie begins and the Musashi and Hindenberg attack the Washington. Musashi then becomes the meat in a Washington/Vanguard sandwich. The N.C runs into the reeds and Musashi, having escaped the sandwich, tries to bring her sidemount to bear. She succeeds and the two battleships exchange rounds. Vanguard and Washington collide with some damage. Now Derflinger, Musashi, Nagato, Pennsylvania, Vanguard and Washington indulge in a huge slugfest with all these ships within mere inches of each other! Musashi begins to pump and the N. Carolina is pumping as she was in the first sortie. A ram is called and the Nagato and Pennsylvania move out to check for damage. Musashi makes a turn that pushes Vanguard away with her stern. Musashi then comes along side N. Carolina and the two trade broadsides. The Alabama is seen listing severly as she turns and is riding low in the water her pump running continuously. Nagato and Washington shoot sidemounts at each other as most of the ships are now going on five. As ships begin their five there is more persuing than battling. The Adms. talking;

Pate; "I would be satisfied with a tie"  
Fluegel; " I want a win, and I don't know if I got it".

After the scoring was completed the Axis had indeed won fleet battle 4A by a score of 7,695 to 6,395. New hope had arisen in the Axis fleet, there might still be a chance to overtake the Allies. (Individual scores are printed in a seperate form in Hull Busters)

# Observations of the Founding Father



Greetings Combatants! and !!!! CONGRATULATIONS ALLIES !!!!

It was with great pleasure that I heard how the "bully boys" (tripac) was unzipped by Jim Pates' "made in the USA" USS Indiana!! Great job Jim!! And great job Allies!! I hear your teamwork was wonderful. I am very proud of you guys for hanging in there when the times were awful as in 1990 and then coming back to blow away the "blow hards". That's GREAT!!! And Axis losers, you are also to be commended for not getting mad and going home before it was over. But clearly this is a time for a brief well deserved Allied Celebration. Well done!! I salute You!! Now I know it must be back to work to maintain the edge. Fluegel said that even though it was a loss for the Axis, it was one of the most fun Nats ever! So I guess the Axis had fun too. That is what the hobby was invented for FUN.

I understand that an allied cruiser was operated on CO2. The USS Detroit is not on CO2 yet, but I'm working on it. I have purchased a Daisey 1200 CO2 pistol and reduced the power to penetrating only about 3 layers of corogated cardboard box. A nice bonus was the increase in number of shots to something in excess of 180 BBs per CO2 cartridge. I don't feel that the project is anywhere near completion but it shows some promise of being possible to make a light weight small ship CO2 system. So Houston in 1993 will be the first Texas Nationals since 1988. That will be good, but not exactly the hobby's population center. I look forward to another great Allied victory in Texas as it was in 1979 and 1980. This will also be the 15 year anniversary of the first Nationals (which was held outside Tishomingo, Oklahoma). Yep, Fluegel lost that one too. His Scharnhorst's stern guns (gun) couldn't be brought to bare on the nimble USS Wichita. Fluegel will give his standard "It never happened" historical confirmation statement.

As the Election '92 draws near I urge you to vote "Like Jesus would vote" not for specific selfish reasons. It's far more important to our future than any selfish reason. Pray about it. God bless you and Let's Battle!



**USA**

Stan

What I learned: ? I learned that you can have fun and be of value to your side with a heavy-cruiser. But you must build a very reliable, good turning, good stopping, with a good pump ship. Also you must battle her smartly or you will become battleship fodder. Heavycruisers and smaller ships will never win NATS. But they can help protect the sides of larger ships. And for that they are very useful; and needed!

Marty Hayes, Captain of H.M.S. Warspite III

The worst thing that happened at Nats was when my pump turn-on failed in the first sortie of the third battle. The best thing was campaign battle, when I ... 1) got the H.M.S. Generic through with supplies, 2) helped shoot up the Axis supply depots, and 3) aided in sinking several Axis supply ships.

| <u>Axis</u>         | <u>Allied</u>    |
|---------------------|------------------|
| Bismark (BB)Fluegel | Lion (CB)        |
| Bismark (BB)Goodson | Warspite(BB)     |
| Kongo (CB)          | Tiger (CB)       |
| Lutzow (CA)         | Indiana (BB)     |
| Vitorio Vineto (BB) | Gangut (BB)      |
| Lutzow (CA)         | S.Dakota (BB)    |
|                     | Oregon City (CA) |
|                     | Arizona (BB)     |
|                     | N.Carolina (BB)  |

On strategy for the second fleet battle of the day, the Gross Adm. Fluegel, in conference with the other Adms. decided to try for a low scoring affair in the hope of winning this battle to make it two in a row for the Axis fleet. The idea was for the two Bismarks to harass the two S.Dakota class ships so that the remaining Axis ships could concentrate on the proposed targets, ships that could hopefully be sunk to help gain the advantage for the Axis.

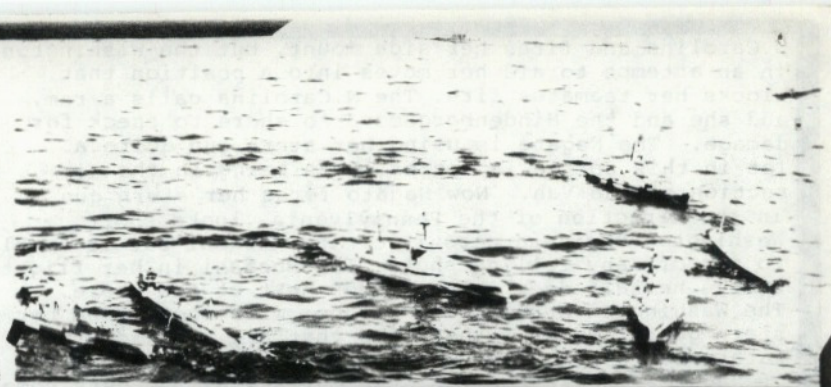
The sortie begins with a lot of maneuvering by both fleets and many attempts to line up stern shots by many of the captains. Soon into the sortie the Warspite calls five out of control, she can still fire her guns however. The sortie is mostly a defensive affair with the exception of the Bismark (Lief) being caught by the Triple stern guns of one of the enemys heavies and suffering numerous holes. The Allies do a fine job of assisting the Warspite while she waits out her five and she does not suffer as much as a ship should when out of control. The Allied fleet did suffer the loss of the Lion due to some sort of pump malfunction, possibly. The most seriously damaged ships on the Axis fleet were the Bismark of Lief's with 68-2-1 and the Kongo with 31-0-1. On the Allied fleet the tiger had suffered the most taking 24-4-9.

#### Second Sortie 4B

With the exception of the Lion, the fleets entered the second sortie. Before the end of the sortie three more ships would be sent to the bottom.

In a procession the Bismark leads the Kongo and Lutzow into the battle searching for the Oregon City. The Indiana is rambled by the Tiger and they come in to check for damage. Both return to the fight and the Tiger is struck by the triple bow guns of the V.V. The Bismark is hit again by the stern shots from the Indiana while she is unloading her sidemount into the N.Carolina. Kongo engages the Warspite with a sidemount, then switches her attack to the Tiger who is assisted by the Arizona.Kongo and Warspite again engage, this time from a longer range with stern guns. Four or five triple blasts are fired by the Indiana into the Bismark, not good to hear. The Warspite finds the range to the Kongo with her stern guns and lands some rounds. Tiger has completed her five minutes and moves slowly to the shore. The Indiana and Bismark(F) sit stern to stern, neither moving, waiting for the other ship to make the first move so the other can land a few rounds. Gangut and Bismark(L) now in a park and shoot encounter, who knows who is getting the better of the match. A shout from down the shore, "She's goin' down!" it's the Lutzow (Wade) and she does sink. Bismark(L) is pumping hard and steady and does not look good. The N.Carolina is also pumping hard while being attacked by the Bismark(F), Indiana comes over to help in the defense. South Dakota and Kongo run together, come in to check damage, and are soon back in the battle. The V.V. is seen working on the Oregon City, she is hit some then manages to escape. In the mean time the Bismark(F) and the Gangut have at it with some sidemount slugging. More shouts of a ship sinking, it is the Bismark(L) and within seconds of her surrender to the deep the Oregon City also goes under. As the battle resumes the Kongo and South Dakota trade broadsides with the Indiana trying to engage as well. the Lutzow lends some assistance to the Kongo. The sortie is coming to an end as the Allied Adm. calls fleet five.

The Allied fleet lost a heavy cruiser, but it will not offset the loss of a battleship and heavy cruiser lost by the Axis fleet. The Allies have won yet another battle by the score of 5,600 to the Axis 4770.



## Two Years with Wet Feet By Chris Au

When I first learned of this hobby, my reaction was probably fairly typical. "Nobody actually builds model boats and lets people shoot hole in them!" Well it was soon there after that I purchased Chris Pearce's old cruiser and learned the fascination of battling, and repair and rebuilding. After four sinks and many holes latter I sort of got the hang of things. After Nats '91 however it was apparent that a new and more powerful vessel was required if I was going to keep my feet dry for any length of time. Fortunately I was just then completing the hull of the Iron Duke. This vessel however had its share of problems. When first launched, on early on a misty morning, it blasted around at 16 seconds. The real surprise was when it was run in reverse, 12 seconds, hydroplaning. It was also bow heavy, a sudden turn in its maiden battle resulted in a crash dive any U-boat commander would be proud of. Determined, however, I worked out the bugs, (and snails and fish too). Ready, I sailed to Annapolis to meet the Axis in a feet action. There, I discovered that, yes, a battleship is more powerful, but poor navigation will still cause plenty of problems. With soggy feet I squished back Scapa to plot anew. Then, Nats, the Iron Duck sailed with the Lion to meet the Axis hordes in a battle to death. Mighty where the foe, however the forces of Truth and Justice triumphed. (you know, the good guys, us allies) The Axis dogs were not destroyed, just beaten, they would surly rise and sail again. Again, I returned to Scapa (with dry feet) to reflect on the outcome. A new, more powerful and faster vessel was called for, and laid down. This building stuff is addictive. Anyway, I would like to thank the people that hosted nats and those that helped me build and battle. Without their assistance I could never have had so much fun with this "Great Obsession".

### Rule Proposal #1

By Fluegel, Wade Koehn, Gerald Roberts, David Haynes, Chris Pearce, Jim Pate, and Brian Craven

We propose that the following be added to the rules:

When a ship sinks, it must be allowed to sink until either it disappears from sight, or comes to rest on the bottom (in shallow water).

## Best and Worst at Nats '92 By Chris Au

Best: Blundering and blasting my way the through Monday afternoon battle.  
Worst: Campaign. Lets try to have fun with it next year.  
What I learned: Battleships are a lot more fun than cruisers.



Fleet Battle 5A  
First Sortie

Following some fleet rearrangement between battles  
Both fleets took on a little different look.

| <u>Axis</u>     | <u>Allies</u>    |
|-----------------|------------------|
| Lutzow(CB)      | Invincible(CB)   |
| Derflinger(CB)  | Alabama(BB)      |
| Kongo(CB)       | N.Carolina(BB)   |
| Prinz Eugen(CA) | Vanguard(BB)     |
| Nagato(BB)      | Pennsylvania(BB) |
| Hindenberg(CB)  | Sevastapol(CB)   |
| Musashi(BB)     | New orleans(CA)  |
| Hiei(CB)        | Louisville(CA)   |
| Roma(BB)        |                  |

The Axis hoped that by "loading up" the next fleet that a decisive victory could be gained in this crucial battle. The sortie began with the three Jap heavies coming together searching for their target. For some reason the Prinz Eugen was already listing some 20° to port. The V.V. and the Vanguard exchange sidemounts as the Invincible calls a ram and comes to check her hull. Quickly the Vanguard rams the Kongo and she begins to circle out of control. The Kongo is caught and brought in and it is discovered that the ram shifted the deck, in turn hitting the radio power switch, turning the radio off. The difficulty is taken care of and the two ships rejoin the battle. A comment from the Allied Adm. "My ships were told before the sortie, don't give them stern shots, and they are pulling right behind your stern guns. They're giving you points!" The Allied Adm. is not pleased with the conduct of the sortie to this point. Then a call goes out for help for the N.Carolina from the Allied Adm. The Alabama responds and heads to the scene. Un expectedly the wind picks up to what seems like gale force, the caps are being blown from peoples heads, and the water is becoming very rough. As the Pennsylvania turns into the waves, she is hit by three shots from the stern gun of the Derflinger. Musashi attacks the Warspite as the Vanguard defends. The Alabama is ramed by the Lutzow, they check for damage then return to the battle. The Alabama is however, pumping and listing to starboard. The N. Carolina now comes under attack by the Lutzow and Derflinger, with some maneuvering she escapes and clears the area to the west, unescorted and not being attacked. She is still listing as she heads directly into the huge waves that have been kicked up by the wind. The N. Carolina, as big as it is, bobs up and down as she steers into the waves. Several ships appear to have their decks awash, but it is due to the heavy seas that have been kicked up by the sudden wind. The Alabama begins to settle by the bow and finally goes under, bow first. Shortly another shout is heard of man in the water, the N. Carolina has gone under and her captain enters the water to retrieve her. The remainder of the sortie is played out by the ships just trying to ride out their five minutes in the very difficult seas. At this point, this seems to be the best sortie the Axis fleet has had.

Second Sortie 5A

The first sortie had indeed been a good one for the Axis fleet. Not only did the Allies loose two ships to sinking, but two more of their ships would withdraw from the battle and be out of the second sortie. The Allies would have just two heavy cruisers a battleship and battlecruiser to fight in the second sortie while the Axis fleet would be missing only one of the nine ships that had sailed in the first sortie.

As the sortie began, the Sevastapol and the Pennsylvania were both seen pumping. Then with only nineteen seconds gone in the sortie, five out of control is called by a captain. The ship turns out to be the Nagato, she had become stuck in the reeds while attempting to get at the New Orleans who had also been temporarily stuck in the same location. The New Orleans was able to get out, but the Nagato could not free herself. With the Nagato immobile, the Pennsylvania is able to take advantage and unleashes her multiple stern guns in the stuck ship. The Prinz Eugen is also stuck in the reeds, but in a different location and

883  
waits out her five minutes and leaves the battle. The Sevastapol, listing and pumping, is being set upon by two of the Tri-Pac. The Musashi joins in as the ships list increases and the bow becomes lower in the water. Then, just after the 6min. mark in the sortie, the Sevastapol goes under bow first, next to one of the 100ft. test markers. It is now discovered that the Pennsylvania is the only Allied ship on the lake and the chase begins. The Pennsylvania then calls five and almost immediately "smooched" by one of her persuers. The Penn. and the other ship come in, check and exit back to the lake. But alas, another ram is called on a "tender touch" and again she comes in to "check". (What a head game!!!) The Penn. again goes out and this time is pursued by the Tri-Pac and the Kongo. Quickly another ram is called by the Penn., but did it really happen??? Come on Bart!!! He declares "I didn't make the rules, I just

### My First Nats

I finally was able to participate in a Nationals! Oh joy! The only bad thing was that I couldn't start until Wednesday. I arrived early and got everything ready while waiting for the others to arrive. I got to fire my BBs at Mike Deskin's French light cruiser. It felt good to hear the sounds of crunched balsa. It was a little one sided, with my big Oregon City, 3-1/2 heavy cruiser. Mike is one of the great people in this hobby, and with his ship having problems, I did not destroy his nice ship.

With the coming of Thursday, I joined old friends and met new ones. Together, we faced our enemy, the Axis Fleet. I was glad but also sad that I wouldn't be fighting Von Fluegel. I would try to hunt other cruisers and force them to the BBs. It was hard to find one but I eventually did, a Lutzow, and after some chasing and shots, it disappeared under the waves. Wade is such a nice guy! After his ship was pulled out, I was caught by Jay and his V.V. BB, who quickly dashed my fleeting glory. Shortly, I noticed that my pump was not putting out like it should. I stopped and let the Oregon City slide under the sea. It was a shot off wire that caused the problem. Down but not out!

Friday, I was ready to go and found that I was with other US cruisers. We engaged Leif's Bismark and after a few shots, I took a bad ram in the bow from the Bismark. A large hole was visible, I had to come in for repairs. Back out again and this time I had to hunt for a target.

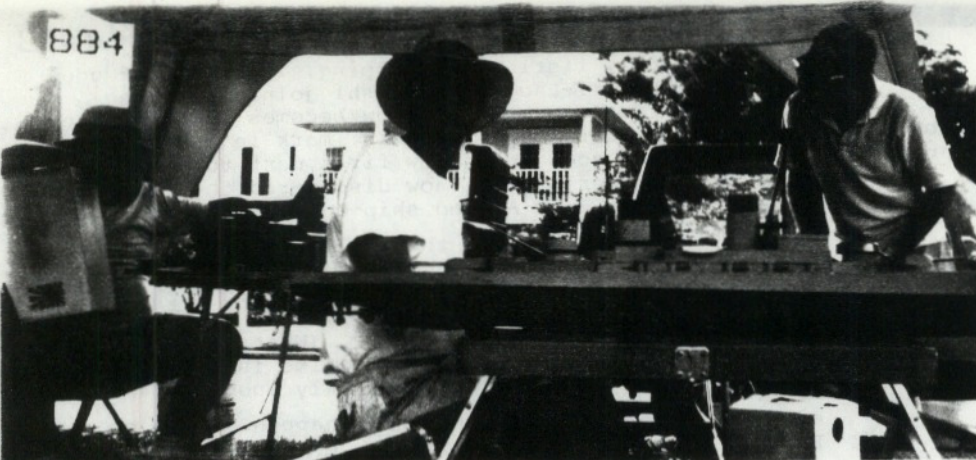
After the day was gone, it was fun just to go and talk to all my Friends. It really doesn't matter what side they are on, I think that we are so lucky to have the great people that we do. And that is worth a lot in the world today!

Capn. USS Oregon City  
Buddy Friend

### Rule Proposal

By Wilton Feel, Clem, Bubba, and Dern  
Vernberger

We, the aggrieved, do hereby propose that during a combat, or non-combat situation, if the vocal assault of Frank Pitelli becomes too obnoxious and hampers ~~the game~~, a battler may elect to call the "30 second Frank" rule. After the "30 second Frank" rule has been called, Frank must be quiet for a period of at least 30 seconds. If Frank does not remain quiet for the entirety of this period, he will be assessed a 200 point personal penalty.



Will, a Blattaw, &amp; Frank.



A Blattau's ship.

play by them". After a quick "check", the Penn. returns to the lake and is pursued only by the Kongo. Fluegel declares "I'll call this ram Bart". The two ships maneuver and the Kongo manages to get several sidemount shots into the Penn. before she ends her 5 min. ram run.

In this sortie the Allies lost another ship to a sink. It is also discovered that the Louisville was trapped in the weeds behind the triple stern guns of the Musashi and was declared sunk before the behemoth Jap could unleash her might.

The second sortie of the 5A battle had been the best that the Axis had put together the whole week. In battle the Allied fleet had lost three ships sunk, one declared sunk and two had withdrawn. The Axis fleet had not lost a ship, what a turnaround!

The scoring results were; Axis 9,920 to the Allies 3,025

#### Fleet Battle 5B

The cassette tape notes on the first sortie of this fleet battle could not be found or either there was not a reporter to make any. There were notes from the second sortie that this report will cover, but first the fleet makeup for fleet battle 5B

Axis  
Bismark, Fluegel (BB)  
Bismark, Goodson (BB)  
Lutzow, Koehn (CA)  
Vitorio Vineto (BB)  
Lutzow, Keef (CA)  
Lutzow, Milholand (CA)

Allies  
Lion (CB)  
Iron Duke (BB)  
Warspite (BB)  
Tiger (CB)  
Indiana (BB)  
Gangut (CB)  
S. Dakota (BB)  
Arizona (BB)  
N.Carolina (BB)

As the ships begin to enter the water for the last sortie of the day the Axis Adms. hope that some defensive based strategy will result in a low scoring sortie, but a win for the Axis fleet that could be coupled with the success in fleet 5A.

The fighting begins with stern tactics by the S. Dakota milling around one of the Bismarks, then a spurt by the S. Dakota toward the Bismark that falls short. Now one of the Bismarks calls five and heads for distant waters. More stern shots by S. Dakota backing in to attack as if the stern was the bow! The Arizona cruises by either persuading the Bismark or taking herself to safer waters. One Bismark is now on the left side of the battle area and the other is to the far right. A report comes in from Fluegel's Bismark that he no stern guns soon after the sortie started, so five was called and she headed away from the action. The Lion gives chase to the Bismark(G) but can't catch up enough to get any shots off. The Lutzow uses her stern gun on the S. Dakota and quickly escapes. The Indiana is called for a ram and both ships leave to check. Warspite is busy chasing the Lutzow(K) and the Lutzow(M) fires off a couple of rounds toward the S. Dakota. Meanwhile the Iron Duke and the Lutzow(?) have a little fracas then both break away to engage other targets. The V.V. comes up by the N. Carolina, she swings away and fires some rounds, several hit.

During this battle, both sorties, there were no sinks on either fleet. As was hoped by the Cross Adm. the event was indeed a low scoring affair, however the Allied fleet won, not the Axis. The score was close with the Axis getting 2,425 and the Allies 3,060.

After the scoring for the day was complete, the Axis found that they were only 2,250 behind. If the Axis fleet could turn in a performance on Friday like the one in fleet 5A, then it just might be possible to snatch victory from the Allies once again; But would it happen??????



Wade &amp; Greve (m)'s Lutzows.

### Conclusion

By Fluegel and Chris

Thanks, Wade for the photos, and Baker, Dirty, etc. for the articles. I like this issue, and it wouldn't have happened without the contributors.

The last issue was the first issue in over 10 years to be postmarked later than the logo month. That reminds me, I need some new logos and battle reports seem to be my only predominant articles. If you have a different slant on a construction, gossip, founding father, out & out lie, cartoon, etc. article, we would like to hear from you. How about a short "At the dock yards" update? The Nats Best & Worst" (Beer & Wurst) articles are still trickling in, and that's great! I would like to wrap them up next issue. Oh, the reason the last issue was late was due to the latest Nats date we ever had. It just takes time.

I want to encourage everybody to vote. I haven't received my ballot yet (9/26) but I'm told that they are out. You Axis are also encouraged to vote for your Admirals. Let's all get out of our captains chairs and get it done.

Dirty Dave & Chris Pearce have seen the 93 Nats lake and like everybody else, they are excited! They make me excited! We are ..... excited. Come on down! It's going to be exciting.....?

I'm not completely done with this issue, so if I can't squeeze all of the Nats articles into this one, it should be easy to do it next issue. Until then, vote, hoard Freon, and convert to Carbon Dioxide

| 1992 Members |          | MEMBERSHIP AUG 1992 |                             |                  |         |            |
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| Au           | Chris    |                     | 253 Maplewood               | East Lansing     | MI      | 48823      |
| Au           | David    | 986-227-3383        | 354 Grics Hall              | N.H.U. Marquette | MI      | 49855      |
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| Barrett      | John     | 612-639-8329        | 2613 Wheeler St. N.         | Roseville        | MN      | 55113-2839 |
| Blattau      | Michael  | 418-867-1918        | 328 Frank Moreland Pl.      | Lothian          | MD      | 28711      |
| Blattau      | Nathan   | 418-867-1918        | 328 Frank Moreland Pl.      | Lothian          | MD      | 28711      |
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| Cole         | Donald   | 487-277-6598        | 9888 Haywood Ct.            | Orlando          | FL      | 32825      |
| Craven       | Brian    | 713-537-8722        | 12318 Ocean Laurel Lane     | Houston          | TX      | 77814      |
| Dees         | Dan      | 628-6578            | 11884 S.W. 81ST             | Tigard           | OR      | 97223      |
| Deskin       | Karen    | 548-8728            | 181 N Main St.              | Greenville       | OH      | 45331      |
| Deskin II    | Mike     | 548-8728            | 181 N Main St.              | Greenville       | OH      | 45331      |
| Deskin II    | Sherman  | 548-8728            | 181 N Main St.              | Greenville       | OH      | 45331      |
| Edwards      | Jay      | 581-425-7412        | 681 Navada Ave.             | Mountain Home    | AR      | 72653      |
| Elledge      | Michael  | 487-275-3895        | 5942 Bull Dolphin Ln.       | Orlando          | FL      | 32822      |
| Ethier       | Jon      |                     | 56 Jenkins Ave              | Whitman          | MA      | 82382      |
| Fisher       | Don      | 588-384-6328        | P.O. Box 38                 | Wrentham         | MA      | 02893      |
| Fluegel      | D.W.     | 214-681-9471        | 3524 Gray Drive             | Mesquite         | TX      | 75158      |
| Friend       | Buddy    | 487-388-8313        | 7389 Kaha St.               | Orlando          | FL      | 32822      |
| Boff         | George   | 385-434-2574        | 17338 S.W. 58th St.         | Ft. Lauderdale   | FL      | 33331      |
| Goodson      | Lief     | 813-646-8114        | 4419 Selkirk Ln E           | Lakeland         | FL      | 33813      |
| Griffin      | Charlie  |                     | 6625 Argyle St.             | Orlando          | FL      | 32807      |
| Harrison     | Tom      | 473-3812            | 113 N. 2nd. St.             | Mansfield        | TX      | 76863      |
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AND MORE. Greg Willson.

COLOR PICTURES:  
Battleships

- King George V - front side view
- Bismark - front side view
- Tennessee - Stern Side view
- Dreadnought - Side view
- California - Top rear view
- Arkansas - Top front view
- Pennsylvania - Top side view
- Kongo - Side view
- Queen Elizabeth - Front side view
- Resolution - Side view
- Nagato - Front side view
- New Mexico - Front Top View
- West Virginia - Front Top View
- Graf Spee - Front Top View
- Nelson - Front Side View
- Dunkerque - Front Side View
- Scharnhorst - Front Side View
- Littorio - Side View
- Roma - Front Top View/Camo.
- Bismark - Side View
- Richelieu - Front Side View
- Alabama - Front Top View/Camo.
- Missouri - Front Top View
- Vangaurd - Side Stern View
- Yamato - Side View

Cruisers/Battlecruisers

- Von Der Tann - Front Side View
- Lion - Front Side View
- Derfflinger - Side View
- Alaska - Side View
- Repulse - Front Side View
- Omaha - Front Side View
- Algerie - Front Side View
- Pensacola - Side View
- Canarias - Side View
- Admiral Hipper - Side View
- Mogami - Side View
- Zara - Front Side View
- Nachi - Front Side View
- Brooklyn - Front Side View
- Cleveland - Front Top Side View
- De Ruyter - Front Side View

Destroyers

- Le Fantasque - Side View
- Kagero - Side View

SIDE AND TOP VIEW LINE DRAWINGS:

Battleships

- Dreadnought
- Queen Elizabeth - 1913 & 1941
- Resolution - 1915 & 1935
- Nelson
- King George V
- Vangaurd
- Dunkerque
- Richlieu
- Graf Spee
- Scharnhorst
- Bismark
- Roma/Littoria
- Pennsylvania - 1915 & 1943
- New Mexico - 1917 & 1933
- West Virginia - 1921 & 1944
- North Carolina
- Alabama
- Missouri
- Kongo - 1913 & 1937
- Nagato - 1919 & 1936
- Yamato

Cruisers

- Invincible
- Lion

Repulse - 1916 & 1936  
 Hood  
 Arethusa  
 Algerie  
 Von Der Tann  
 Derfflinger  
 Admiral Hipper  
 Trento  
 Zara  
 De Ruyter  
 Canarias  
 Lexington - 1916 & 1920  
 Fensecola  
 Portland  
 Brooklyn  
 Alaska  
 Des Moines  
 Nachi  
 Mogami - 1934, 1939 & 1943

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Christmas gifts?

COLOR PAINTINGS:

Rodney - in port Front Side View  
 Missouri - Top Side View thru a Portigo  
 New Mexico & Texas - In Panama Canal  
 Preussen - Top Side View thru German Built Canals  
 Dreadnaught - Front Side View at Anchor  
 Thunderer - Side View in Port  
 Goeben - Stern Side View Steaming out of Port  
 Queen Elizabeth - 1915 Steaming under Forth Bridge  
 Royal Oak - Movement Painting in Battle Spray  
 Battle of Jutland  
 Lion - Stern Side View In Port  
 Kongo - 1928 In Port - 2 shown - Fuso in Background  
 Pennsylvania - East River New York - Being Tugged  
 Tennessee - Stern Side View in Port  
 Arizona - Steaming to sea with Penn, Okl, and Nevada  
 Hood and Barham - 1938 in Grand Harbor - Front Side View  
 Zara - In Port Stern Side View  
 Graf Spee - Into Port with Flying Boat Above  
 Warspite - Firing in the Narvik Fjord with Destroyers  
 Stasbourg - Being Shelled in Mers-Kebir  
 Queen Elizabeth - Bridge Only shown in Suez Canal  
 Repulse - Shown thru woods at Kilindini Harbour  
 Prince of Wales - Front Side View in Placentia Bay

Nevada and California - Torpedoed Pearl Harbour  
 Vittorio Veneto - Air Attack Near Cape Matapan  
 Tripitz - Stern Side View in Sognefjord Norway  
 Yamato and Musashi - Side Views Brunei Bay  
 Richelieu - Stern Side View in Monte Carlo  
 New Jersey - Top Front View Gaillard Cut Panama

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