



# Directors' Newsletter

From the Secretary

December 1, 1989

## Holiday Ramblings

by John Beukers

You should have received this Newsletter between Thanksgiving and the Christmas/Hanukkah holidays and so holiday greetings are in order. We trust that everyone abided by the unwritten article in the By-Laws which is generally understood to convey that "Thou Shalt Not Eat Thine Brethren Goose" - they are too fatty anyway!

We have much to be thankful for and to celebrate as the year comes to an end. The dramatic events in Europe will surely spill over into the radionavigation business and provide new challenges in that community. Reduced international tensions and a re-examination of priorities should open up civil opportunities for Loran. Those of us who were at the Convention in Hyannis heard first hand of the rejection of GPS as a sole means of navigation in the U.S. air space and the reluctance of foreign governments to accept either GPS or GLONASS as a means for sole source navigation. Maybe the sheep's clothes are finally being torn away by DoD's pronouncements to the civilian community - hands off, it's our system! Perhaps demands for cuts in military spending will force the DoD to embrace a sensible mix of nav aids.

*Please take special note of the Commitment made by the WGA to provide input to the formulation of the 1990 FRP. The presentation made thus far is enclosed with this newsletter (P 2 Col 1).*

The results of the Questionnaire passed out during the presentation of the paper, relating to the future role of the WGA, are being sent along with this newsletter. We hope that you find the results both useful and interesting.

Have a good time during the holidays, and here's wishing you a happy and prosperous new year as we move *boldly into the 90's.*

## Communication from the President

by Jim Culbertson

Here are some instructions, notes, actions and thoughts for Directors and Committee Chairmen.

First, appointments. **Kjell Enerstad** has been appointed and has accepted to be a Director of the WGA representing the International community. Kjell is also being asked to head up the IALA liaison committee and be our representative at IALA meetings. **Ron Wiener** has been appointed as a Director and will head up the User Liaison - Aviation committee. **Henry Marx** has also been appointed a Director and is the Chairman of the User Liaison - Marine Committee.

**CDR Dave Olson**, USCG, currently in the Research and Special Programs Administration of the Department of Transportation, will be our official representa-

tive to the International Omega Association (IOA). He is also the IOA's representative to the WGA - double agent!

I felt it important that the President of the WGA acknowledge with thanks the participation of **RADM Nelson** in the Convention. A letter conveying our appreciation was mailed to him with the suggestion that he and I meet during my visit to the East Coast in April.

One item that is worthy of note is the DoD's recent policy statements that seem to have leaked out through official and unofficial channels. It appears that DoD is showing a reluctance to let the civilian community take a lead role in evolving a civilian satellite system and is not going to cooperate in systems involving Differential GPS or Interoperability with

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## WGA Admitted to IALA

There was a great deal of discussion at the Annual Convention regarding the expansion of Loran-C coverage in Europe and other countries. Concern was expressed by many of the overseas representatives that the technical and cost merits of Loran-C were being distorted by pronouncements in the European press, primarily the United Kingdom, that could possibly derail what would otherwise be a smooth transition from the Decca navigation system to Loran-C.

The International Association of Lighthouse Authorities with its 89 member countries is in the midst of debating the future of radionavigation in coastal waterways. In particular, the merits of upgrading member's Decca stations or installing additional Loran-C transmitters is under consideration.

Because of this and other similar issues, the Board of Directors felt that the WGA should become more involved with the matters concerning IALA and recommended that the WGA apply for Associate Membership. This was done and we are pleased to report that the WGA has been admitted - but not without some difficulty. At the IALA Board meeting, held in Saudi Arabia in the early part of November, those members present would not take the application of the "Wild Goose Association" seriously! We have to thank representatives from the United States, Canada and the United Kingdom for their support and the explanation of what the Wild Goose is all about. The good part is that the Association will not be forgotten and we can be a direct participant at IALA meetings. The cost to the Association for one year membership is 1400 Swiss Francs

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## Culbertson

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other nav aids such as Loran-C. A pity because we all lose out but perhaps a plus for Loran. Maybe the continued implementation of Loran will move forward unencumbered by vacillation and the unknown.

### *FRP User's Conference.*

The WGA input to the Conference held in Washington on November 16 is reproduced in its entirety and a summary report by John Illgen appears in this newsletter. You will note that the WGA has made the commitment to respond formally to specific topics.

The WGA formal input should be in the hands of DOT no later than 1 January 1990. Dave Olson assures us it will be well received. We need to break up the subject matter to be developed among the Directors/Committees. Their inputs should be sent to the Secretary **PREFERABLY** by modem so they can be put directly into the word processor. The Secretary will do a minimum amount of collating and then send the entire draft out for review by not more than three or four volunteer Directors. Directors are requested to look over the list and let John Beukers know what sections they will prepare or what additional material they will prepare for inclusion. If we don't get some positive response by 10 December or so, we will be on the phone looking for contributors. In my discussions with Dave Olson regarding the WGA input, I stressed that we will make every effort to provide constructive criticism and not just take pot shots. Additionally I volunteered that WGA might be the best source of help in preparing some parts of the next edition. Areas like user populations and some of the way technical matters are discussed regarding Loran are possibilities. Dave Olson admitted that they were strapped for manpower to seek out the information and could use help. This seems like an excellent opportunity for WGA to make important contributions and to reaffirm our commitments to the Loran community worldwide.

### *Committees.*

Each Director/Committee Chairman was provided with the sign-up sheet passed around at the Convention seeking volunteers for his committee. In addition, a member information form was printed

on the opposite side of each sheet. The Secretary has provided additional copies of these data forms. Please get your committee members lined up and have the forms completed and sent to the Secretary. This is one more piece of the puzzle we are trying to put together...by having the committee member's data in the data base, the Secretary can assist you with mailings and getting other material to your members - including passing important business between the various committees.

### *WGA's Response to the U.K. Consultative Document.*

A few of us have been wrestling with whether or not to provide further input to the ongoing process regarding the U.K.'s decision on Loran-C. Walt Dean's report did a nice job of providing a rapid response to both the U.K. document and that of Racal-Decca. If one studies both the U.K. and Decca documents, however, it is quickly obvious that WGA does not have the resources or perhaps the time to take them apart piece-by-piece and respond as we should - it would be a thesis in itself. We understand through Norm Matthews that an official letter by the U.K. government is forthcoming which will be a rebuttal of some of Racal-Decca statements. It appears to some of us that the thing to do right now is wait for this document before we try to do anything further and take our leads from Norm Matthews and others closer to the situation in Europe. We would appreciate any comments on this matter.

### *Next Board Meeting*

Our next Board meeting will be held on Thursday, 25 January 1990 in San Diego, CA. This will be just after the end of the ION meetings at the Princess Resort. Time and place will be announced later but considering a meeting starting in the afternoon - maybe extending thru dinner. Comments? For the Board meeting, PLEASE help us with the following....

Have your Committee Reports into John Beukers on WGA Stationery no later than 28 December 1989. Send Your Proxies to John Beukers in time for him to receive before departing for the ION meeting in San Diego.

All the Committee Reports plus the Agenda will be mailed to each Director the first week of January 1990. If the Directors will read these ahead of time and

prepare their comments, questions, etc, we can quickly handle this part of the business at the Board meeting and get on with important matters - and take less time to do it. Copies of the Committee Reports WILL NOT be available at the Board meeting so make sure you bring your copy - and make sure your proxy has a copy to bring if needed.

If after receiving the Agenda, a Director has an agenda item for New Business, please advise the Secretary - preferably by writing a brief statement of the nature of the new business desired. This will allow the Executive Committee to prepare, as necessary, to handle the new business at the meeting.

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## FRP Users Conference

by John Illgen

On November 17, 1989, at 1:30 I presented the WGA position document entitled "The U.S. Department of Transportation Open Meeting for All Users of U.S. Government Provided Radio Systems" to the Radionavigation Users Conference held at the Crystal Gateway Marriott Hotel, Arlington, VA. The purpose of the meeting was to obtain user inputs on government policy and future plans for these services as outlined in the 1988 Federal Radionavigation Plan. The DOT is seeking views and positions to assist in the formulation of future plans for the next edition of the FRP (the 1990 FRP).

Below I have listed key points regarding this year's Conference:

1. All participants have been given until 1 January 1990 to provide written comments (see paragraph 3 of the WGA position letter).

2. WGA was well represented (WGA attendees included Dave Scull, Bob Miller, Carl Andren, myself for a short period of time, and others).

3. LtCol Jules McNeff (202/695-6123), Office of the Assistant Secretary of Defense, C3I, has replaced LtCol Russ Nakamura as OSD's Navigation Systems, AWACS, and Air Traffic Control lead. Since Jules is new I suggest well coordinated visits to his office. The WGA DoD Working Group can provide background information for such visits. I plan to visit Jules in January.

4. There was a clear lack of Congressional Staffers attending the Users Conference. I found this surprising.

## Time to Renew

### *1990 Membership dues notice in preparation*

Trusting that we will not dampen the holiday spirit, but we have to put out a call for membership dues renewal. This year we are going to try something a little different in the hope that the time and expense of follow-up during the year can be reduced.

We have developed a system, based on and thanks to the Association of Individual Investors, in which invoices, receipts, member cards, return addressed postage paid envelopes, change of address cards (also postage paid), are all incorporated onto tractor fed, preprinted, perforated stock. Window envelopes are used to pick up the address of the recipient from the computer prepared forms.

The post office has assigned the Secretary's St. James address with two ZIP plus 4 codes, one for business reply envelopes, the other for business reply cards.

(11780-9860 and 11780-9861, respectively) Artwork, including POSTNET codes and FIM codes, has been prepared (in MacDraw II) and has been submitted to the post office for their review. When accepted with any changes they recommend, we will be able to participate in the Business Reply Mail Accounting System (BRMAS) which qualifies us for a 3 cent discount on each piece of mail returned.

The annual fee for the BRMAS program most suitable for the WGA is \$260, the cost per piece of return mail is the first class rate of 25c plus a discounted (from 8c) charge of 5c. Our assessment is that if, and this has to be proved, follow up mail and phone calls can be reduced, there will be an overall net savings. It will certainly save much time.

Once in progress the BRMAS program can be used for business reply cards to be used in the Manufacturers' Card Program. This is a good opportunity to test the response since we have already calibrated the current rate of return.

Gaubis, Phillip A.  
Getson, Blake R.  
Goudie, Edward B.  
Green, M.D., Donald  
Guimil, Javier J.  
Harmon, C. E.  
Hart, Nick  
Hattori, Keisuke  
Heiser, Dave  
Hensel, Bruce  
Hitt III, E. Thomas  
Hoskins, Richard  
Huhn, Thomas H.  
Jackson, Ivan  
Jacobs, G.  
Jolly, Jon B.  
Kauffman, Ray B.  
Kemp, Frank B.  
Kibby, Norman L.  
Krablin, Art  
Kraemer, John H.  
Kunches, Joe  
Lachapelle, Gerard  
Lancaster, Richard  
Longman, Chester  
Lorence, Charles  
Magnussen, Herbjoern  
Matthews, Dr. Stephen D.  
Matthews, Norman  
Mazur, Peter  
McCann, Mark J., Jr.  
McCraw, M.D., D. Bruce  
McDermott, Frank  
McFarlane, Bill  
McIarg, Bill  
Noseworthy, Gary  
Nothwang, George J.  
Nsibirwa, Charles K.  
Nunes, Steven  
Papadopoulos, Costas  
Petit, Noel J.  
Philbrick, Otis  
Ray, Malcolm  
Reeves, B.E.  
Rome, H. James  
Roney, Alfred B.  
Roth, Merrill  
Russell, Bart L.  
Rust, Dr. W. David  
Saether, Kolbjorn  
Serrell, Andrew  
Simmons, Patrick M.  
Skaggs, Gary A.  
Smith, John I.  
Smyser, Michael I.  
Spiller, Bruce A.  
Stebbins, Rodney J.  
Stein, Kenneth J.  
Stene, Kjell  
Sutherland, Dir. of Eng.d, Colin  
Sykes, Albert C.  
Tesdal, Ronald I.  
Tighe, Thomas R.  
Tully, Joseph G.  
Turner, John H.  
Vestmo, Einar  
Wall, Glenn  
Watanabe, LCDR Clyde K.  
Whisler, John  
Wojcik, Leonard  
Wojnar, RADM Ted  
van Graas, Dr. Frank

## Welcome to our New Members

by Mike Moroney, Membership Chairman

It is our pleasure to greet new members of the Wild Goose Association through the columns of the Newsletter. It is especially gratifying to see so many of you joining at this time since this is a direct reflection of the Association's new growth strategy to embrace the worldwide user community. We were also pleased to see some of you at the recent Convention in Hyannis, Cape Cod. You

are encouraged to become active in one or more of the many committees set up to cover all aspects of Ioran which you can do by calling or writing to the Secretary - he will pass your name to the committee chairman covering your particular interest. In any case please drop us a line and tell us about yourself and your involvement in Ioran - and again Welcome to the WGA.

Acard, Christian  
Albert, Pat  
Alfonsi, Paul  
Allan, John David  
Bailey, Kirk A.  
Bakker, Kees  
Barnett, LTJG Roger D.  
Beil, Richard P.  
Berger, Phillip  
Brown, Herbert L.  
Callanan, Daniel E.  
Campbell, James F.  
Canniff, John  
Carbone, Jerry  
Carroll, James V.  
Carter, Max  
Catlin, Jeff  
Chandler, Hubert T.  
Chen, Susan

Chin, Kam  
Christensen, Capt. Lars P.  
Coggins, Peter R.  
Connes, Keith  
Cook, Jim  
Cooper III, J. Robert  
Cornell, Leon M.  
Synetics, Corporation  
Cross, Daniel C.  
Davis, Ed  
Dellerson, Gary J.  
Dickinson, Ronald R.  
Dwyer, Jr., Hon. M. Andrew  
Eberts, Eugene S.  
Englund, Gordon R.  
Fagan, Jack  
Fraughton, Edward J.  
Friedman, M.D., Robert B.  
Gagne, Mark

# Membership Continues to Increase

## Membership

Here are the membership statistics as of November 27 for paid up members for 1989 or beyond

	May 26	July 26	Sept. 26	Nov. 27
Individual	320	346	372	415
Corporate1	5	5	5	5
Corporate2	11	12	12	12
Associate	5	5	5	8
Sponsored	93	93	102	102
Life	24	24	24	24
Honorary	9	10	10	10
Prospects	N/A	421	596	771
Complimentary	41	41	41	41

The total paid up membership, including Life and Honorary members, currently stands at 576 with 771 prospects listed. Membership dues notice for 1990 will be mailed during December. We are hopeful that, with the new system for renewals in place, members will respond in a timely manner.

## FAX-IT

*Facsimile Speeds the WGA On Its Way*

By John Beukers

Before a new method of communication takes off, there has to be a critical mass of users. Facsimile transmission is no exception. With the advent of high capability, low cost (from Japan!) machines, the fax is now commonplace and has become indispensable. It is most encouraging to note that out of 21 Directors and Committee Chairmen, 19 either possess or have access to a machine. Without appearing to be preaching to the choir, here are some of the benefits for the WGA.

A facsimile transmission -

- Can be sent anytime.
- Does not require the presence of the recipient.
- Makes sender think before communicating.
- Allows recipient time to review and prepare response.
- Less expensive than phone.
- Permits broadcasting to a list of recipients (some machines).
- Speeds up administration - no waiting for the mail.

Following the last Board meeting held at the 1989 Convention at which the Board approved of the purchase of a Fax, Jim Culbertson and I researched prices and Jim evaluated the capability of a number of machines. The decision was to purchase a Ricoh 35 with all the bells and whistles that we felt would be useful to the WGA. This is now installed and in use by Jim and has already seen good service.

*...out of 21 Directors and  
Committee Chairmen - 19  
have access to a Fax.*

It is worth noting that a typical fax transmission takes between 30 seconds and 1 1/2 minutes and there are ways to keep the time to a minimum (clean copy, no halftones). It takes this amount of time to make a civil greeting on the phone and longer if the party being called has an answering machine in operation.

Fax numbers, - along with phones and modem numbers for Directors and Committee Chairmen - have been compiled and are included as an attachment to this Newsletter.

## It's all in the Name

There is no question about it, something has to be done with the name of the Association. At the Convention last month there were some who voiced their opinion and left no doubt that in their mind without a name change the WGA would be severely handicapped in its ability to grow. Some strong comments were added to the Questionnaire in the same vein. Reasons given: - difficult to get travel authorization to the Convention or meetings, problems with getting companies to pay dues, a frivolous organization, difficult to promote. But there is the counter argument - the name is unique, unusual, attracts attention and reflects the navigation roots of the Association. So what to do?

Perhaps we can have the best of both worlds by being creative and persistent in our promotion. After all, we convinced enough of the member countries of IALA that we mean serious business and those that heard the arguments are not likely to forget the name of the Wild Goose Association.

The strategy could be to promote the name along with a strong connotation to Ioran so that the Wild Goose Association becomes synonymous with Ioran and a household name in the disciplines of navigation and position location.

What do you think - a change of name or embark upon a promotional campaign of identification with Ioran? A consensus would be a great motivator.

## Another Flock of Wild Geese?

While the real Wild Geese were assembling for their migration to the East, others were having a ball. If you were to have read the Advocate and Greenwich Time for Sunday November 5 (Guy Fawkes Day), you would have seen in large bold headlines "Wild Geese Celebrate New Year". For on October the 28th, the Wild Geese held their eighth annual Celtic black-tie dinner with 600 guests, bag pipes and all, at the Hyatt Regency Hotel in Greenwich, Connecticut. The Irish-American organization gave its annual Award for Outstanding Contribution to Paddy Moloney. (Moroney, McGann, Callanan, and all you other Irish, look what you missed!) Thanks, Henry Marx, for sending us the clipping.

## IALA

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which converts to approximately \$600.

The next and 12th meeting of IALA is to be held from June 16 to June 30, 1990 at Veldhoven in Holland. The Secretary holds the agenda and details of the meeting arrangements. Our Appointed Director, Kjell Enerstad, who has been asked to head up the IALA Liaison Committee, will most likely be the WGA representative at this meeting.

Of particular interest is session 4, (June 25) Radionavigation, Remote Control and Electronics.

England	Trials with Differential GPS
Norway	Developments in Differential GPS
Canada	Implementation of Loran-C service in Newfoundland
India	Replacement of Bombay and Calcutta Decca by Loran-C
France	Complementary contributions of satellite and land based systems
Japan	Improvement in Omega synchronization
U.S.A.	Terrestrial radionavigation systems in the era of satellites
USSR	Pulse phase radionavigation Chaika

## NCAR Map Database

*Claude Morel responds:*

Claude Morel from the National Center for Atmospheric Research (NCAR) has responded to the question raised at the Convention relating to the NCAR Map Database Graphics Package. He states that a brand new version has just been released and interested people should contact:

Frieda Garcia 303-497-1201  
Scientific Computing Division  
National Center for Atmospheric Research  
P.O. Box 3000  
Boulder, CO 80307

Prices for the database vary according to class of user. Universities in the US and Canada can purchase the database for \$500, for government and related users the price is \$1000, and all other users will have to spend \$2495.

## Library of Congress recognizes WGA

To get WGA publications, such as the Proceedings, Journals and other special published material, into the public domain is part of the WGA Growth Strategy currently underway. One avenue being used to achieve this goal is to get International Standard Serial Numbers (ISSN) or International Standard Book Numbers (ISBN) assigned to each publication that has been, and is in the process of, being published.

The Loran Bibliography was submitted to the Library of Congress for an ISSN and has been assigned 1047-1723. What does this mean? To quote from the ISSN fact sheet -

"The ISSN (International Standard Serial Number) is an internationally ac-

cepted code for the identification of serials, magazines, journals, newspapers and the like.....Use of the ISSN provides serials publishers, subscription agencies, abstracting and indexing services, librarians, and purveyors of computer reference services with a tool for economically communicating basic bibliographic information with a minimum of error..... A data base of all ISSN assignments made throughout the world is maintained at the Paris headquarters of the International Serials Data System. Also a bibliographic record for all ISSN assignments made by the National Serials Data Program is entered in the data base of the On-line Computer Library Center, which is used by 2500 libraries in this country"

We are in the process of obtaining assignments for all WGA publications.

## Loran-C Video Cassettes available from the WGA

*Two for Aviation and one for the Mariner*

By arrangement with the producers, three Loran-C video cassettes are being offered for sale by the WGA. Two of these address Loran for aviation interests while the third is directed towards the Mariner. They may be obtained by writing or calling the Secretary - 516-862-7500 or by Fax 516-862-7403.

### Loran - A Quick Refresher Course.

Created by the U.S. Department of Transportation, Federal Aviation Administration, this 21 minute video provides a brief history of Loran and then goes on to explain and demonstrate its current use in aviation. How Loran is being introduced into the U.S. National Air Space is covered with a layman's explanation of Loran-C operation. The tape addresses the general aviation pilot and shows the advantages of Loran-C for Area Navigation and Non-Precision Approaches. There is some tongue in cheek historical humor throughout! WGA member price is \$15 plus shipping (see below).

### Loran-C and GPS as a Navigation Mix for the U.S. National Airspace System (NAS)

This video was created by the Department of Transportation to describe and illustrate in non-technical terms, how Loran-C, together with the Global Positioning (satellite) System could be able to satisfy the future needs of the U.S. National Airspace. Just 10 minutes in length it provides an excellent review of the two navigation systems and how they complement each other. The presentation is easy to follow by the lay person and yet commands the attention of the professional navigator or engineer. WGA member price is \$15 plus shipping (see below).

### Loran-C - A Navigators Approach,

Instructed by Capt. Henry E. Marx. This is a best seller amongst the small and not so small boat owner and provides a wealth of hands on practical navigation

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## Cross Country Loran Atlas makes Debut

Howie Keefe, President of Air Chart, sent in a complimentary copy of their new Loran Atlas for the Cross Country Pilot. To quote from the introduction of this handy 80 page, 6 x 9 inch book: "Welcome to the wonderful world of Loran-C! Now we can "aim" far beyond the limits of VOR reception. Though we no longer need to go from VOR to VOR, we do need to cross-check our position with a VOR, DME or NDB to not only keep oriented on course, but also to be aware of ARSAs, TCAs, Restricted Areas, MOAs-especially if detouring around weather or our planned course.

This atlas is designed to maximize the use of your LORAN in both IFR & VFR conditions by backing it up with basic navaid data. The chart scale is only 66% the size of the regular SKY PRINTS ATLAS, but it gives you large areas for direct LORAN courses. The over 8,000 preplotted direct routes with course and miles let's you "eye-ball" your direct LORAN route...and if needed to detour, immediately orient your flight to VOR routes.

A table of VOR coordinates is provided as is a Loran-C coverage diagram of the United States.

## Amendment to By-Laws

An attempt to understand how membership dues are assigned to a particular year led to the conclusion that something was missing in Article VII of the current By-Laws. Research by Leo Fehlner and Vern Johnson revealed that the Board-approved Amendment, reflecting the new dues structure, had inadvertently omitted the important sentence that provides for member dues paid after the eighth month to be assigned to the following year. Vern will be rectifying this omission with a further amendment that requires passage by 2/3rds of the Board at the next board meeting.

Please direct all your comments and answers to requests in this Newsletter to:

John Beukers  
Beukers Technologies, Inc.  
Flowerfield, Building #7  
St. James, NY 11780

## Video

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instruction using Loran-C together with classic navigation techniques. To quote from Landfall Navigation's descriptive leaflet "....A Navigator's Approach is a 90 minute instructional video tape that finally shows you the power and usefulness of your Loran-C receiver - in addition to teaching you how to navigate using the information provided. Capt. Henry Marx of Landfall Navigation has put his acclaimed Loran-C Navigation Course on video to clear up the mysteries of this amazing navigation system. The course includes a description of the Loran-C system, how it works and how to use the features of Loran-C receivers. Numerous Loran-C plotting problems and exercises are worked with the viewer and answers provided. A chart and plastic interpolator are provided. WGA member price is \$35 (regularly \$39.95).

Tapes will be shipped UPS ground from St. James, N.Y. U.S Domestic shipping costs are \$2.50 - \$4.00 depending upon zone.

## Progress with 1990 Convention Arrangements

Preparation for the 1990 Convention is gaining steam, according to Jim Alexander, Chairman for the Convention. Negotiations with the hotel between our contract planner and the hotel management have been taking place satisfactorily. It appears that the hotel is going to be most cooperative and have taken an interest in the WGA and Navigation. The theme for the convention will be directed toward the User and equipment in use. Jim is receptive for "One Liner" ideas for the Convention Theme - please communicate directly with him if you have some thoughts.

Jim is working on some confidential novel and interesting aspects of the Convention both for the Symposium and the extra curricular activities. We look forward to being there to participate and find out what you are up to Jim!

## Contributions to the Newsletter

At the most recent Board meeting there appeared to be a consensus that this Newsletter served a useful purpose by being a vehicle for communicating amongst Directors and Committee Chairmen. That being so, maybe we should make an effort to make sure that the number of contributors is enlarged from the present three or four. There are 21 of us. If you do not have time to write, give the Secretary a call and an article will be created. For example the half column about the 1990 convention from Jim Alexander is the result of a phone call. We are all (or should be!) interested in what is going on and update every three months at the Board meetings is not the best way to keep current.

## Newsletter Publication Deadlines

The Directors' Newsletter is issued on the first of the month except the month following the month in which a Board meeting is held. The closing date for material to be included is the 26th day of the preceeding month.

Here is the publication schedule for the remainder of 1989 and for 1990.

Closing Date	Issue Date
<b>1989</b>	
November 26	December 1
December 26	January 1
<b>1990</b>	
January	Board Meeting
February 26	March 1
March 26	April 1
April	Board Meeting
May 26	June 1
June 26	July 1
July	Board Meeting
August 26	September 1
September 26	October 1
October	Board Meeting
November 26	December 1
December 26	January 1 (91)

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