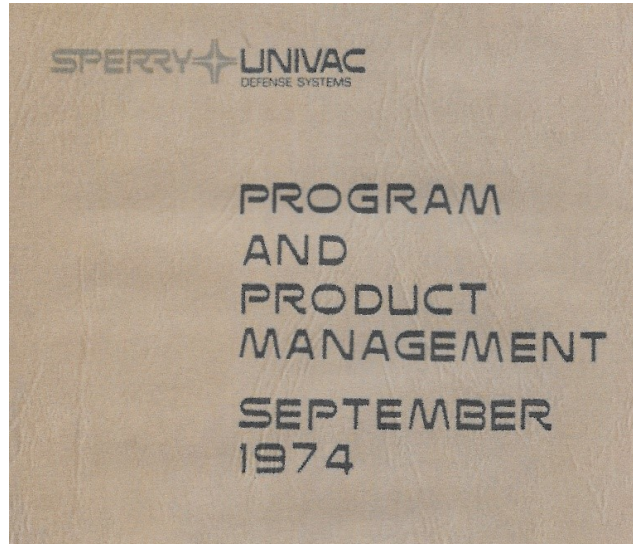


# Program & Product Management

## Introduction

Keith Myhre scanned a booklet while cataloging documents at the Lawshe Memorial Museum. When I (Lowell) saw the scanned pages, my impression was: 'I knew or worked with a lot of those people.' My second thought was 'what product/program' was he or she working on in 1974. Using the VIP Club database, I emailed the pdf file to several of the people pictured in the book asking what he/she was doing then. Copied hereunder are their responses and my comments about those who are VIP Club members but didn't respond. Also, some tidbits about those I couldn't contact. Enjoy the recollections!



If you, the reader, can add anything about the people pictured herein, please send to us. And, if I have inadvertantly listed someone as deceased, I apologize. Thanks,

*Lowell A. Benson* - UNIVAC 1960 → UNISYS 1994  
BEE 1966, U of MN

## Contents

Introduction.....	1
The Booklet.....	2
Bell, Lynn .....	2
Donaldson, Hank .....	3
Duncan, Dave.....	3
Fabro, Quent.....	4
Grewenow, Bruce .....	5
Huck, Mike.....	5
Johnson, John .....	6
Knoch, Marge .....	6
Knops, Tom.....	6
Kolling, Dave .....	7

Lavers, Jack .....	7
Marth, Don .....	8
Morris, Tom .....	8
Neese, Jerry .....	9
Nickell, Jerry .....	9
Olijnek, Jim .....	9
Pagac, Bob .....	9
Pataki, Mike.....	9
Butcher-Schullo, Connie .....	10
Wheat, Bruce.....	11
Deceased .....	12
Credits .....	12

## The Booklet

### Bell, Lynn

Lynn is a VIP Club member residing in Falcon Heights, MN. She is also a long-time member of the Minnesota Street Rod Association.

She didn't respond to our request for information.

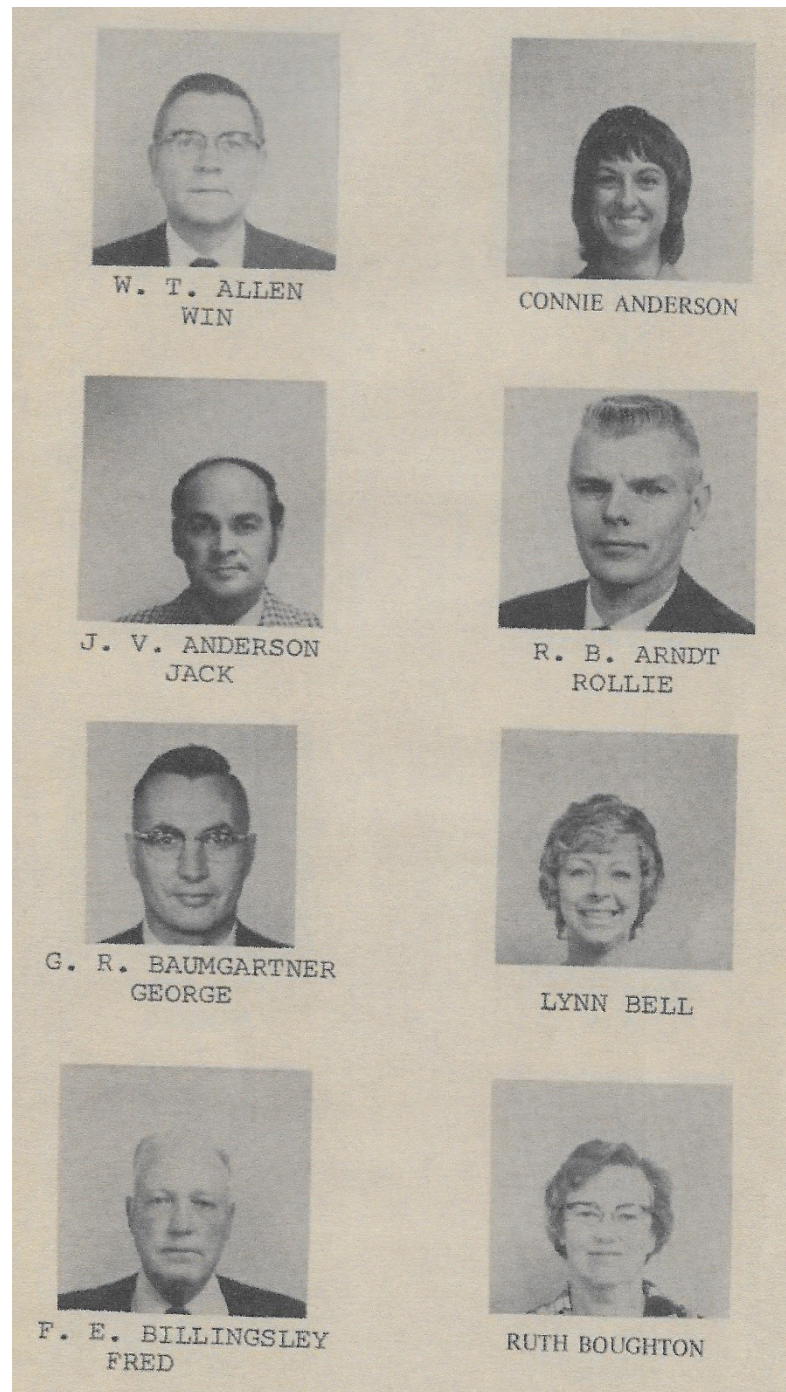


Figure 1. No immediate information about Win, Connie, nor Ruth.



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*Figure 2. No immediate information about Kay, Jerry, Sue, Forrest, Bill, Dick or Janie.*

### Donaldson, Hank

Hank is a VIP Club member presently living in Bloomington, MN. He didn't respond to our request for information.

### Duncan, Dave

I did not keep a time log during my Univac career but I did transfer from UYK-7 Project Engineer to UYK-7 Program Manager in 1975. I was working for Pete Tierney in Engineering and for Don Dunn in Program Management.

I was on the UYK-7 Program from the beginning as Lead Mechanical engineer reporting to Earl Juhl. Later I was assigned to be the Project Engineer. At some point I was assigned to Pete Tierney prior to my transfer to Program Management.

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Our customer was NAVSEA PMS 408 under the Director Don Ream. Reporting to Don Ream were Paul Hoskins, Joe Maloney, Ken Kennedy plus some others. There were several Captains that Don Ream reported to and the only name I still remember is Capt. O'Donovan.

Our job was to propose, negotiate and manage the production programs. I have plaque on my wall commemorating Serial 1000 Oct. 83 but I believe that was doubled before the end of production. {Editor's note: I have a desk pen set commemorating AN/UYK-7 S/N A-500 March 10, 1978. The count more than doubled to over 3,000 processors.}

There is a folder in your museum files explaining many of the ships the UYK-7 was used on.

I hope this will help your project. Let me know if I can provide more information. *Dave Duncan*

## Fabro, Quent

Quent is a VIP Club member presently living in Eagan, MN. He didn't respond to our request for information.



Figure 3. No immediate information about Charlie, Dale, Neil, Terry, Eleanor, Barb, or Gary.





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[Grewenow, Bruce](#)

Bruce is a VIP Club member living in Rio Verde, AZ.

In 1974 I got a new assignment as Program Manager for International Navy applications (Except Canadian PF, and Iran DD's) working for Jim Stahley. The 70's were a large growth period for International; primarily Japan and Australian DDG contracts and Iran DD's. Business growth included: Germany, Greece, Korea, Saudi Arabia, and Egypt. Revenue grew from \$10-15M per year in the early 70's to \$102M in 1979. I did not initially have a staff but it eventually grew to include: Doug Schmitt, Bob Pagac, Tom Kratz, Dick Johnson, Jim Stage, and John Booher. As a key player, I worked closely with in Japan; where we had some issues; was Tommy Tamagawa. He worked in our DC office and was the first Japanese Naval Attaché after WW2 before joining Univac. A very helpful person in Germany at that time was Dennis Christ.

Lowell - hope this is the kind of write-up you are looking for. I can rework if it doesn't fit. Let me know if you get this ... I had some trouble sending. *Bruce Grewenow*

Bonus recollections: I have totally lost track of the end result of the AN/UYK-502 designed for Canadian Navy SHINPADS project. I was the PM and Doug Hair was the PE. We worked with Glen (Easy) Johnson in Winnipeg. I left the project some time before it was complete and have a memory lapse as to the final results. I also vaguely remember it was used in a Turkish portable radar system? I travelled to Winnipeg so often that the hotel always put me up in a spacious suite # 502. I also had to bring back some special Cuban cigars the could not be bought in the USA. The customs guys would wave me thru even though I did not hide the cigars.

What a great job you guys are doing - THANKS FOR THE MEMORIES *Bruce G*

[Huck, Mike](#)

Mike is a VIP Club member living in Minneapolis, MN. He didn't respond to our request for information.



Figure 4. No current information about Paul, Janice, Liz, Cliff, Judie, Larry, or Sue.

### Johnson, John

John and his wife Marlene are VIP Club members living in Eagan, MN. Marlene is also a UNISYS retiree, she was program manager for the CP-901 upgrade program (CP-2044).

### Knoch, Marge

Marge is a former VIP Club member, lived in Inver Grove Heights. No email address on record.

### Knops, Tom

Tom lives in Colorado, has not joined the VIP Club. He didn't respond to our request for information.



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## Kolling, Dave

Dave is a VIP Club member living in White Bear Lake.

Hard to remember 1974. At that time, I was transfer to Program Management from Engineering to be the first Program Manager for the systems and software contracts we had with the US Navy. The main contracts were primarily for implementing the UYK-7 in the SSN-688 class submarines as well as the DLGN -38 class ships. *Dave*

## Lavers, Jack

Jack is a former VIP Club member lived in Woodbury, MN. No email address on record.



Figure 5. No current information about Lori, Bruce, Dick, Eileen, Cleve, Roger, or Chuck.

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Marth, Don

Don is a VIP Club member living in Lonsdale, MN.

In 1974 I was Deputy Director for the Minuteman III Weapon System Controller responsible for overall coordination and management of the program. The Weapon System Controller was a two-drawer radiation hardened computer employing a plated wire memory. So reliable was this computer (components were burned in) that they are still in use today in Minutemen silos as the targeting and guidance computer. I can't recall many other names except for Dale Maus to whom I reported.

Morris, Tom

Tom is VIP Club member living in Lakeville, MN. He didn't respond to our request for information.



Figure 6. No current information about Loretta, Jim Petersen, Debbie, John, or Tom Rettler.



[Neese, Jerry](#)

Jerry is a VIP Club member living in Salt Lake City, UT.

Program Manager - S-3A Program. Defense Systems Division, St. Paul, MN - 2/70 - 3/73

Performed the program management function in developing the UNIVAC 1832 Avionic computer and related software for the U.S. Navy S-3A ASW Aircraft Program. Our computer project was a component of the Lockheed managed S-3A carrier-based aircraft development and production program. The 1832 was a dual processor, film memory based computer and had a special "T" shaped cabinet structure to form fit into the S-3A aircraft. Dan Brophy was my manager during this time.

Plant Manager - Valencia Operations. Defense Systems Division, Valencia, CA - 3/73 - 1/75

Managed a software development site (200 people, 28,000 sq. ft.) in support of the S-3A ASW aircraft program. This was a plant dedicated to the development of software for the 1832 computer system to support its ASW system requirements and the interface requirements of the other avionic components of the aircraft. There was considerable coordination with the software and hardware engineers of Lockheed and the other avionic component vendors.

[Nickell, Jerry](#)

Jerry is a VIP Club member living in Little Canada, MN. He didn't respond to our request for information.

[Olijnek, Jim](#)

Jim is a VIP Club member living in Grand Rapids, MN.

I joined then Univac in 1965 for a summer job in the Plant 2 semiconductor test lab while still in college. That fall, I moved to plant 1 part time in Program Reliability on the Nike X program working for Ed Deeb. After graduation, I went full time working on CP-901, UYK-7 and 8, and S-3A in Program Reliability; reporting some of the time to Norb Ewald and some of the time to Ed Deeb usually located with the design engineering program team. In 1972 I transferred to Program Management on the S-3A Hardware program, later on as PM for LAMPS SASP and LAMPS MAD projects reporting to Dan Brophy and John Spearing. The other members of the Avionic's PM staff were Wally Hafstad, Bob Pagac, Quint Fabro, Tom Knops, Jerry Neese, Jack Schwartz, Rick Stevens, and Tom Rougier. In 1975, I took over Program Management for Navair Avionics Programs including CP-901, S-3A, TASES, LAMPS, CV/TSC, and VP/TSC. Over the next several years, I held various Program Acquisition and Engineering Management positions. I returned to Program Management in 1987 as Director Maritime Avionics Systems including AN/ASQ 212 (P-3C update), S-3B, Japanese P-3C, Korean P-3C. I held several PM and Program Acquisition positions till retirement in 2003. My favorite though was the Norwegian UIP.

[Pagac, Bob](#)

Bob is a VIP Club member living in Apple Valley, MN. He didn't respond to our request for information.

[Pataki, Mike](#)

Mike is a VIP Club member living in Anoka, MN. He didn't respond to our request for information.

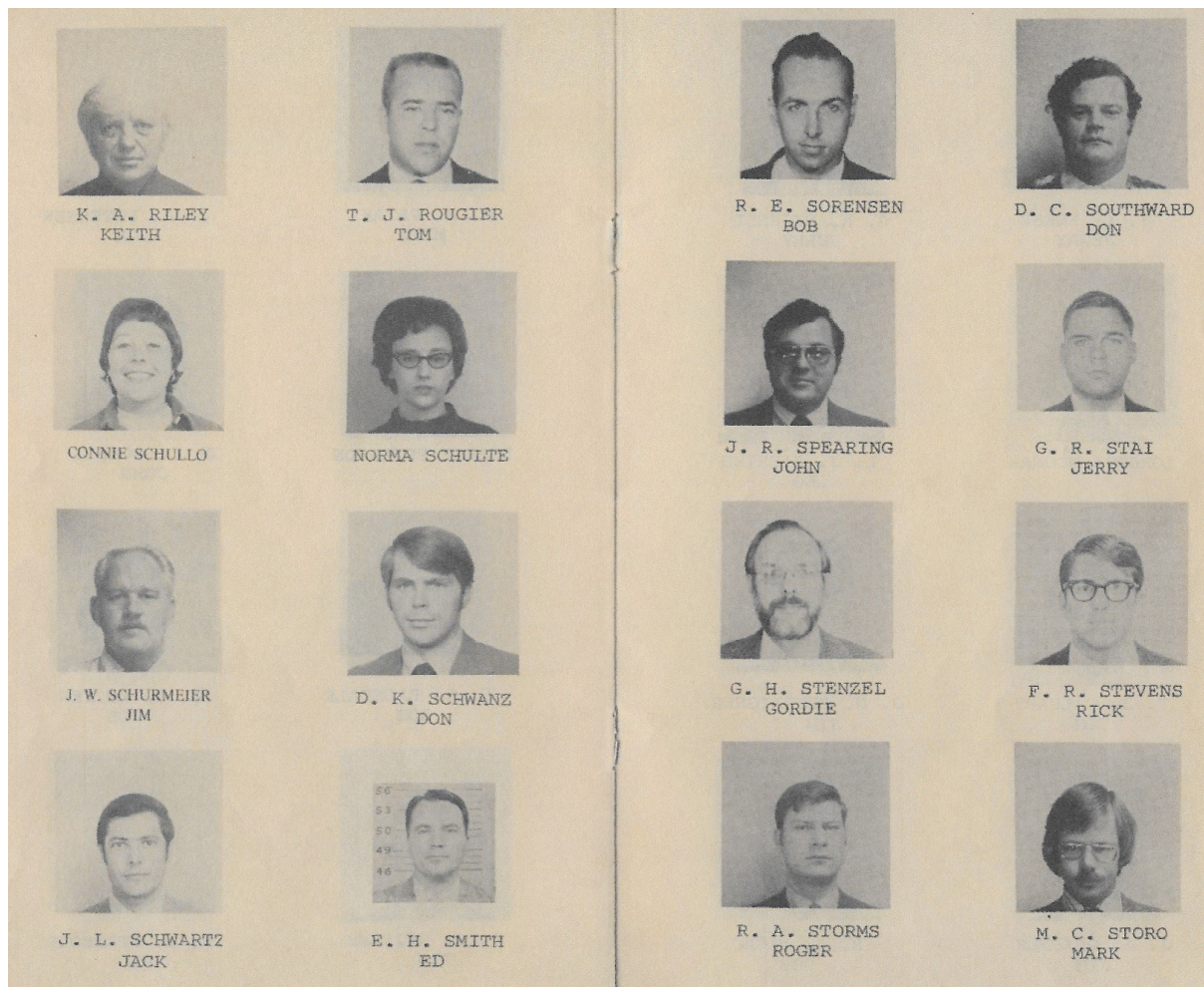


Figure 7. No current information about Keith, Norma, Jim, Don, Jack, Ed, Don, John, or Mark.

## Butcher-Schullo, Connie

Connie married Bill Butcher who was working in the Washington DC area. They retired in Mexico – Bill passed away in August 2009. Connie wrote:

Wow, what memories. I have not seen or heard of most of these people since I moved to Virginia with Pat Casey's software unit.

I am not sure if this was when Jerry Meyer was head of program management, but before I worked for him, I was working for Ernie Hams and was Manager of Administration and retained that title under Meyers. Duties included coordinating with all secretaries/administrators of onsite managers



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re payroll, expenses and administrative duties. I held seminars for the secretaries and admin people so that all were clear on what was happening in St. Paul headquarters.



Figure 8. No current information about Cliff, Bill, Clay, Jean, or Roy.

### Wheat, Bruce

Bruce is a VIP Club member living in Stuart, FL.

At the time this booklet was printed, I was a newly assigned Program Manager in ATC Systems. The PM office was led by Bob Moravec, we were located in the old airline terminal building on 34th Ave. at the West side of the MSP airport, where the ATC tower currently exists and MSP. Our primary customer was the Federal Aviation Administration and our major program was ARTS III, the automation of Air Traffic Control in the major airports in the US. There was an ARTS-III lab at the airport with live radar feeds and this was used as the primary test bed for all ATC development. The ARTS III system consisted of a series of Input Output Processors (IOP) which were newly developed

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30-bit computers, Uniservo 6C tape drives, a Univac 1004 card reader, and radar display consoles provided by Magnavox, Ft. Wayne, IN. The engineering and software group which developed, enhanced, and supported ARTS III and its many derivatives was led by Jack Sater originally, and later by Dick Sunderman. The software and systems group still exists and is housed in a building in Corporate Square in Eagan and working for a new company {Leidos}, no longer directly associated with Lockheed Martin. In 1974 the PM office consisted of Bob Moravec, Les Brunker, Hank Donaldson, Don Larson and me (all of us are in the booklet). I reported to Don Larson on a program titled ART III Enhancement when this booklet was printed. I was later assigned as PM for Japanese ARTS, Atlanta ARTS, and En-route ARTS (EARTS). I stayed with the ATC Systems and FAA programs group in various jobs and titles until 1995 when I took an assignment in Unisys Commercial in the building across the parking lot from Plat 8 working for Dennis Christ in Unisys Transportation Systems.

It will be very interesting to read what you produce later this spring. *Bruce Wheat*

## Deceased

The following are known to have passed away – some of their names may be found in our Legacy anthology web site.

Page 2 - Rollie Arndt, Baumgartner, George Baumgartner, and Fred Billingsley.

- George had been a mechanical engineer in the Antenna Coupler before moving into management. As a WWII 1<sup>st</sup> Lt., he lost part of an arm on Iwa Jima.
- Fred was a former Navy officer, I remember him as one of the German Navy Fast Patrol Boat 1830B production program managers.
- Before management, Rollie had been one of the engineers working on the core memory development for the UNIVAC II. He also was one of the NIKE-X engineers, look for his name etched into the U of MN's Scholar's Walk, displays along the Engineering building's north wall.

Page 3 – Jerry Fremstad, Wally Hafstad, Grover Higginbotham, Stan Hinich, and Bill Ivey.

Page 4 - Les Brunker, John Cafferty, Bob Coughlon, Duane Cummings, Don Dunn, and Gordie Erickson.

Page 6 – Bob Jacobson, Clarence Johnson, Al Kranz, and Don Larson

Page 8 – Vern Minnis, Marv Mirsch, Bob Moravec [his wife, Pat, is a VIP Club member], and Paul Murray.

Page 9 – Leo O' Brien, Bob Ragsdale,

Page 10 – Tom Rougier, Bob Sorensen, Jerry Stai,

Page 11 – Chan Swallow, Allie White

## Credits

Thanks to each of my colleagues who responded to the request for your information from 1974.

Thanks to Dr. Tom Misa who converted the “.pages” formatted data from Jerry Neese to a .docx format that my PC could cut and paste into this document.