

## WATTS NEWS

MARCH 2020

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## DATES TO REMEMBER

Blood Drive - HQ

March 17

Collective Goods — HQ

April 22 - 23

AEA Ceremony — HQ

April 23

## <u>Associates Foundation accepting 2020</u> <u>scholarship applications</u>

For over 45 years, the Associates Foundation has granted college scholarships to the children of BPA employees and contract personnel to help them achieve their educational goals. Continuing this tradition, the Scholarship Committee is now accepting 2020 scholarship applications, and forms



are now available to download on The Associates website.

The program offers three different scholarships: The Associates Foundation Scholarship (available only to children of Associates members), the Joann Jeter Memorial Diversity Scholarship and the Dick French Memorial Scholarship. Contributions through Associates memberships, the purchase of BPA logoed-items and various fundraisers, like the tulip or wreath sales, make granting yearly scholarships possible. In 2019, the <a href="students received a total of \$7,700">students received a total of \$7,700</a> in scholarships, which individually ranged from \$500 to \$1,000.

2020 scholarship applications must be postmarked by April 26, 2020 or hand delivered to a Scholarship Committee member by May 1, 2020.

## Mail to:

Ann Shintani, PTL-5 Associates Foundation Scholarship Committee P.O. Box 3621 Portland, OR 97208-3621

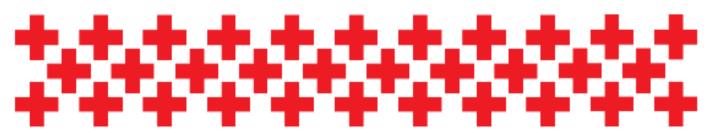
## Hand deliver to:

Ann Shintani, PTL-5, BPA headquarters, Portland, Oregon Eileen Jensen, TEI-TPP-1, Two Park Place, Vancouver, Washington

<u>Become an Associates member at any time</u> for only \$5 to take full advantage of the scholarships available. For more information on the 2020 scholarships and application requirements, visit <u>The Associates website</u> or contact <u>Ann Shintani</u>.

## **American Red Cross**

Give blood. Help save lives.



## Bonneville Power Regional Headquarters BLOOD DRIVE

Room #122 905 NE 11th Ave - Portland, OR 97232

## Tuesday, March 17<sup>th</sup> 7:00 AM - 1:00 PM

To schedule your appointment or for more information, please contact Ad'e Boileau at (503) 230-4614

or contact Marcella Renner at (503) 230-5136

or visit <u>www.redcrossblood.org</u>; sponsor code: BPRH



# Shop for a Cause. FUNDRAISING EVENT

Sale on books, electronics, home goods, kids' gifts, and more!

April 22nd and 23rd 905 NE 11<sup>th</sup> Ave. HQ Cafe Lobby Benefiting The Associates











2020 ADMINISTRATOR'S EXCELLENCE AWARDS

## Three very active Associates volunteers are recipients of a 2020 Administrator Excellence Award

## **Achievement in Community Outreach**

Claudia Perot, IT Specialist, JCD (retired)

## **Special Service**

Libby Burke, ACS Group, Inc., Archivist, DKEL

## **Unsung Hero**

Jennifer Hurlburt, Public Utilities Specialist, PGL

The awardees will be commemorated at the 2020 award ceremony taking place **April 23rd** in the GSA Auditorium at Portland headquarters.

Congratulations to the awardees!!

## All-BPA Bowling and Golf tournaments to be held in April.

For the past 25+ years, a group of BPA employees have held a bowling tournament open to all SSBPA employees, retirees, contractors, and family members. This year both an All-BPA

bowling tournament and an All-BPA golf tournament will be held on consecutive days, golf on April 17 in Prineville, OR and bowling on April 18 in Bend, OR.

The All-BPA bowling event is Saturday April 18 at Lava Lanes in Bend, OR. BPA employees, retirees, contractors and family members (over the age of 18) are all welcome. You don't have to be a pro bowler to participate. In fact, you're welcome to attend even if you've never bowled at all. The tournament will have two sessions — a five-person team event in the morning and a doubles/singles event in the afternoon. Team and individual trophies will be awarded for each session for both scratch and handicap scores. There will also be an awards get-



together and raffle prizes. Get your team entries in early to avoid the waiting list! For more information about the tournament and entry forms, please contact Tammi Marquez at 360-619-6350 (tlmarquez@bpa.gov) or Dwayne Cook at 360-418-1776 (dacook@bpa.gov).



The All-BPA golf tournament is Friday April 17 at Meadow Lakes Golf Course in Prineville, OR. BPA employees, retirees, contractors and family members of any skill level are all welcome. This two-person team scramble shotgun event will be handicapped as outlined in the tournament details. Prizes will be awarded for at least the top three teams, depending on number of entrants, as well as for long drive and closest-to-the-pin competitions on specific holes. For more information about the tournament and entry forms, please contact Mike Harris at 503-230-3140 (miharris@bpa.gov).

We have negotiated a block of rooms at the Riverhouse on the Deschutes in Bend, OR for Friday and Saturday nights at a reduced rate. These are first come, first served, and are the responsibility of the participants to reserve. Please see the bowling information sheets for details.

For an ultimate weekend of BPA fun, sign up for both tournaments! You can golf on Friday and bowl on Saturday, and meet new BPA friends!

## **New Feature: Historical Watts News**

Each month we will feature a Watts News from our archives, managed by the BPA Library

## Volume 6, No. 10 from March 10, 1945

This Watts News from early 1945 includes a front-page article about the A-C Calculating Board (Network Analyzer): the team included BPA's first female engineer, Florence Ango, pictured here. During the war, the Associates funded a program to mail Watts News to former BPA employees who were in the service, and this edition contains excerpts from their letters, as well as substation news and lots more.

## CLICK THIS LINK OR SEE PAGE 15 FOR THE HISTORICAL WATTS NEWS Enjoy this bit of BPA history from the Associates!



## EVENTSANDDISCOUNTS

## The discounts is a program that is available to Associates members

If you like some of these discounts (Broadway or Columbia Sportswear for example) these are brought to you by the Associates, maybe you might consider becoming a member to support our organization.



Associates Members have the opportunity to purchase discounted tickets to upcoming performances at Portland Opera!

Here is the link:

https://oss.ticketmaster.com/aps/portlandopera/EN/link/promotion/home/4108ff62149652a2fd93a6077af4f255261bb0c1

## Enter code "ASSOCIATES" to unlock your special pricing

## BAJAZET/Antonio Vivaldi

March 20, 22m, 24, 26, 28, 2020 | Newmark Theatre

Bajazet, Emperor of the Turks, has been captured. His daughter, Asteria, plans to kill her father's captor, Tamerlano, who also wishes to marry her. Irene, a princess who loves Tamerlano, discovers the murder plot and intervenes. Andronico, an ally of Tamerlano, is in love with Asteria. Honor, forgiveness, and duty shine brightly in this muscular tale of conflict, love, and conquerors.

## Big Night/Celebrate opera's masterpieces.

May 9, 2020 | Keller Auditorium

For the annual Big Night concert, our chorus and orchestra are joined by international guest soloists and the Portland Opera Resident Artists for an evening of extraordinarily beautiful music. We'll celebrate the art of opera with a program that spans centuries, languages, and composers—all in one unforgettable evening!

## Pagliacci/RUGGERO LEONCAVALLO

June 5-13,2020 | Keller Auditorium

Based on a real story from a newspaper clipping in the late nineteenth century, Leoncavallo's "Clowns" tells the story of a traveling troupe of entertainers who perform for an Italian village. They present a show that becomes increasingly parallel to their actual tumultuous lives—resulting in blurred lines between comedy, tragedy, reality, and performance.

## Three Decembers/JAKE HEGGIE

July 17-25,2020 | Newmark Theatre

A heartwarming and bittersweet family portrait comes into focus over the course of three Decembers in 1986, 1996, and 2006. Madeline (a Broadway actress) and her adult children face the challenges of secrets, resentment, and reconciliation in this illuminating story about the very real complexities of being a family.

For question, please contact:
JENNIFER PASSLEY
ASSOCIATES GROUP EVENT CHAIR
503-230-5745

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## **BPA Associates**

The Portland Timbers and Portland Thorns FC are excited to announce a special discounted ticket program for all members of BPA Associates. Tickets can be purchased for as many friends and family members as desired. Inventory is limited, so get your tickets nowllf you have a group of 15 or more that wish to sit together, please contact. Steven Spears at the Portland Timbers and Portland Thorns FC at (503) 553-5404 to make arrangements (and save on all fees).



Copy link to browser -- https://groupmatics.events/group/associates



March 1st Sun @ 4:30pm



March 8th Sun @ 4:00pm



March 28th Sat @ 7:30pm



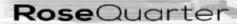
April 11th Sat @ 7:30pm



April 25th Sat @ 7:00pm

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PREFERRED CLIENT DISCOUNTS



What: Nike Hoop Summit 2020 When: Friday, April 10, 2020 @ 7pm

Where: Moda Center



What: TEDx Portland

When: Saturday, June 6, 2020 @ 12:01am

Where: Moda Center



What: PAW Patrol Live! 2020

When: May 16th and 17th, various times Where: Veterans Memorial Coliseum



What: Grand floral Parade

When: Saturday, June 6, 2020 @ 10am Where: Veterans Memorial Coliseum



Updated: 2/5/2020

Northwest Federal Employees Association B/155, P.O. Box 3621, Portland, OR 97208 (503) 230-4149

## www.theAssociatesOnLine.org

Governor/Helper Nan	ne Routing	Location	Coverage Area	Phone #	Email
Candy Worthington	NWF-B1	1-161	BPA HQ B-1	(503) 230-5729	caworthington@bpa.gov
Candy Worthington	NWF-B1	1-161	BPA HQ 1st floor	(503) 230-5729	caworthington@bpa.gov
Melike Kayim	FTT-2	2-S12	BPA HQ 2nd floor	(503) 230-3896	mbkayim@bpa.gov
Ken Foreman	JQ-2	2-S4	BPA HQ 2nd floor	(503) 230-5212	klforeman@bpa.gov
Vacant			BPA HQ 3rd floor		
Marcella Renner	KE-4	4-H23	BPA HQ 4th floor	(503) 230-5136	mprenner@bpa.gov
David Frenkel	KSC-4	4-N6	BPA HQ 4th floor	(503) 230-4977	dsfrenkel@bpa.gov
Jenny Hurlburt	PGL-5	5-Q6	BPA HQ 5th floor	(503) 230-5035	jhurlburt@bpa.gov
Vacant					
Julie Paynter	DKC-7	7-M12	BPA HQ 7th floor	(503) 230-3137	japaynter@bpa.gov
Patty A. Hanson	TFV-Longview	Floor 1	Longview	(360) 414-5604	phanson@bpa.gov
Vacant			Ross, CSB		
Vacant	NSP-4400-LL	LL	One Park Place Van Mall		
Aaron Paulson	TAB-DITT-2	2-D3	Dittmer 2nd floor	(503) 230-3486	aapaulson@bpa.gov
Vacant					
Tammi Marquez	NSLM-4400	Floor 2	One Park Place Van Mall	(360) 619-6350	tlmarquez@bpa.gov
Jennifer Henderson	TED-TPP-2	Floor 2	Two Park Place Van Mall	(360) 619-6029	jahenderson@bpa.gov
Courtney Wilson	KSB-4	Floor 4 & TPP	Two Park Place Van Mall	(503) 230-5864	cewilson@bpa.gov
Kellie Robinson	TEST-MODA	Floor 1	MODA (Z-1304)	(360) 418-2623	knrobinson@bpa.gov
Candy Worthington	NWF-B1	1-161	Centerra	(503) 230-5729	caworthington@bpa.gov
Rodney Krause	TOZ-AMPN-1	Floor 1	FEGA & Ampere	(360) 418-2304	rvkrause@bpa.gov
Kim Butler	BPA HQ, KSC-4	4-S4	BIA, F&WS, NOAA	(503) 230-3841	kabutler@bpa.gov
Kim Butler	BPA HQ, KSC-4	4-S4	BLM,USGS, Reg Sol Ofc	(503) 230-3841	kabutler@bpa.gov
Val Shelton	BPA HQ, KSC-4	Spokane	PSSE-MEAD-GOB	(509) 822-4582	vmshelton@bpa.gov
Judy Kennedy	Credit Union	911 Bldg	PNWFCU	(503) 258-2607	judyk@pnwfcu.org

## The Associates Committee Chairs (Questions – contact Kimberly Butler, President 503-230-3841)

COMMITTEES PRO	GRAMS & PROJECTS		
Blood Drive - Portland	Ad'e Bolieau Marcella Renner	KSM-4 KE-4	(503) 230-4614 (503) 230-5136
Blood Drive - Ross	Kellie Robinson	TEST-MODA	(360) 418-2623
Blood Drive - Van Mall	David Banks Julie Barton-Smith	TSES-TPP-2 TPMC-OPP-3	(360) 619-6705 (360) 619-6737
Blood Drive - Dittmer	Aaron Paulson	TAB-DITT-2	(503) 230-3486
BPA Logo Merchandise & Emergency Kits	Maggie Rhodes Chris Gallas	KSC-4 PTC-5	(503) 230-3008 (503) 230-3242
Caring and Sharing	Kristin Taylor	FBS	(503) 230-4494
College Scholarship/Associates Foundation	Summer Goodwin Ann Shintani Eileen Jensen	DKC-7 PTL-5 TEBP-TPP-1	(503) 230-3158 (503) 230-5569 (360) 619-6748
Communication	Kim Woodard	NWPP-B1-M	(503) 230-4013
Craft Bazaar – Portland	Aundra Asmussen Chris Gallas	CBC-7 PTC-5	(503) 230-3219 (503) 230-5325
Dress For Success	Deborah Galiel Farah Mohamoud	NHO-1 PSS-6	(503) 230-3475 (503) 230-3118
Eyeglass/Hearing Aid Collection	Brenda Lindgren	BD-3	(503) 230-4137
Food Drive/School Supplies - Portland	Ann Shintani Ad'e Boileau	PTL-5 KSM-4	(503) 230-5325 (503) 230-4614
Food Drive/School Supplies – Two Park Place	Danielle Toma	KSBV-TPP-1	(360) 418-2536
Fundraising	Kim Butler	KSCS-4	(503) 230-3841
Group Events	Jennifer Passley	NWF-B1	(503) 230-5745
Historian	Libby Burke	DKEL-1	(503) 230-4027
Holiday Gifts for Children (Learning Avenues Daycare)	Cymany O'Brien	NSLM-WHSE	(360) 619-6099
Holiday Gifts for Foster Children – HQ	Angela Dowling Tina Weber	CE-1 PSQ-6	(503) 230-3642 (503) 230-4242
Holiday Skate Party	Kirsten Kler	NNP-B1	(503) 230-4411
Hygiene Items	Brenda Lindgren Jenny Hurlburt	BD-3 PGL-5	(503) 230-4137 (503) 230-5035
Lunch	Tiffany Newton Marcella Renner Kim Butler	PGAF-6 KEWR-4 KSCS-4	(503) 230-4217 (503) 230-5136 (503) 230-3841
Marketing	Aundra Asmussen	CBC-7	(503) 230-3219
Membership	Dan Hays	FTOA-2	(503) 230-3955
New Employee Orientation	Tina Weber	PBQ-6	(503) 230-4242
Notary Service	Aundra Asmussen	CBC-7	(503) 230-3219
Picnic	Kim Butler Kirsten Kler	KSCS-4 NNP-B1	(503) 230-3841 (503) 230-4411
Pop Tops	Kim Butler	KSCS-4	(503) 230-3841
Social Media	Diane Ayon James West	JSI-3 NWP-1	(503) 230-3504 (503) 230-5733
Sports	Kirsten Kler	NNP-B1	(503) 230-4411
Veterans Giving Trees	Kirsten Kler	NNP-B1	(503) 230-4411
Watts News	Am ber Naef	FRG-2	(503) 230-4001
Website	Diane Ayon James West	JSI-3 NWP-1	(503) 230-3504 (503) 230-5733

Updated 03/02/20



## Earn a Higher Dividend This Year With Our 1.60% APY\* Certificate



Minimum opening deposit is \$1,000. Maximum deposit is \$100,000 per member. New money only, not currently on deposit with PNWFCU. Certificate is non-renewable.

\*APY= Annual Percentage Yield. This is a limited time offer. See pnwfcu.org for complete disclosures and rate schedule.

Open a CD Today! Call or Text 503-256-5858 Email eservice@pnwfcu.org



CLASSIFIEDS Page 13

## FOR SALE:

TRAVEL TRAILER - \$18,400 (Vancouver, WA) – Like new, 2013 26-foot rbs we hideout super slide out. less than 5,000 miles on road trips. only used 10 times. no kids / no pets. check out Kelly book equivalent on price. way below pricing, tires are in great shape with new spare. power jack/16 foot power slide out makes this trailer like a home away from home. pulls easy with my 02 Tahoe. batteries changed over to two six volts for better reserve power. duct air conditioning and heating. glass shower door and porcelain toilet. bike or generator rack on back. two seven gallon propane tanks with gauge. absolutely no trades. craig's list: post id: 6959674107 – Contact: jerrylambert1@hotmail.com

**Beautiful King Size Pendleton wool blanket** in turquoise and orange colors. Pet-free, smoke-free home; no holes or tears and in very good condition. For pictures or to set up appointment to see, text 360-909-1277. \$400 OBO.

**'97 Sea Doo Speedster Boat & Trailer**; twin rotax engines; ttl 170HP. Call for price. Needs Electric Control Module, but Sea-Doo stopped making boats with this engine, hard to get parts. Call Celeste 360-607-3509.

Harley Motorcycle / Sportster 883/ Hugger/ Yr 2003/ 100th Anniversary. Color: Black, Windvest windscreen, Vance Hines Exhaust, Heat Plugin for clothing, Always stored in garage. Great for 5'10" and shorter, very easy to ride and low. Loved this bike but now ride longer distances, went w/ larger Harley. \$4800. Call 503 348 1299. Clackamas Or

**Incline Tip Board (Body and Power).** Great for Neck and back \$50.00. Lay back and gradually tip yourself as far back as you like. Hook your feet under padded pegs, easily controllable. Call 503 312 4447

**Gretch Drum Set (Catalina Birch)** \$800.00; Behringer Mixer \$350.00; Mics, mic stands, cables- Everything like new! Phone 360-604-7075 after 6:00pm for details.

Nordic Trak Walk-fit for \$80.00. Phone 360-604-7075 after 6:00pm for details.

**WANTED**: *Looking for Old Boy Scout Memorabilia* — I collect old BSA Memorabilia, from uniforms to patches, neckerchiefs, and mugs. Let me know what you have. Images help. Steve Narolski, 360-742-2688.

### **REAL ESTATE:**

Rental: New home in Lincoln City, OR called the Sand Seeker at Olivia Beach. Max Occupancy is 10 people. 2 Queen Beds, 4 Built in Bunks, 1 Queen Sleeper Sofa. - 3.5 bathrooms, gas fireplaces, with hot tub and partial ocean view. Close to Outlet Mall. Walking distance to the beach and park which has a volleyball court and fire pit. A shared outdoor pool (open seasonal) and weight room. To book and/or see photos go to vacasa.com - Listing #15736 - 2583 SW Anenome Ave.

**2BR 2BA Beach Front 1st fir condo Rockaway Beach.** New Furnishings. Stunning view of the ocean. Step outside and onto the beach. Contact Stacy Tanner for info and pics 916-798-4413. Price is \$100-\$200 per night. No smoking or pets. This is my home away from home.

**Rental:** 4BR, 3BA gorgeous, fully furnished, large home in Netarts, Oregon (6 miles West of Tillamook), 2 blocks to Netarts Bay; 5 min to ocean. Sleeps 9 w/3 queen beds plus bunk beds (2+1). Clean, spacious, comfortable. 3 TVs; DVD. Cable; Wifi; phone. 2 bikes, kites, crab rings/pots. Pics at www.shorethingbeachrentals.com (reference "Bay Rose Retreat"); \$150-\$275 per night. Dogs OK. No smoking. Check out winter specials. For booking Call Monica Klobas 503-812-4692.

**Selling Time Share in Maui, 5 Star Resort** - Kanappli Beach Club Variety of accommodations and availability based on points \$5.000 503-635-6950.

**Sunriver 3 bed, 2 bath vacation home** all on one level. Sleeps <u>eight</u>. Hot tub and nice sunny deck. Walking distance to Village and SHARC (passes included). Visit <a href="https://www.vacasa.com/unit.php?UnitID=3143">https://www.vacasa.com/unit.php?UnitID=3143</a>

**Beautiful Home on Woahink Lake!** Fully furnished 3 bedroom, 2 bath home, sleeps 6, on the lake shore with a dock for fishing and water sports. A 15 minute drive to the ocean beach at Florence, OR. Fireplace insert, Wi-Fi, fully equipped kitchen, very private. \$250 per night, \$1,500 for 1 week. Call Carol at 503 349 9414.

Rental: 2BR, 2BA Beach Front Condo near Lincoln City and Salishan Resort. Cavalier #39 at Gleneden Beach, fully furnished, large 1300sf, updated end-unit w/2 king beds! plus sleeper sofa in LR. Cable TV 46" w/surround sound, CD, VCR, & DVD players. Spacious rooms w/fireplace, Wifi. Pics at www.cavaliercondo39.com You can book on line or Call Terry Larson, 503-380-9744. Ranges: \$159-\$259 per night. No smoking or pets.

## **Www.The Associates Online.org**



### **BPA ASSOCIATES**

The Associates
c/o Bonneville Power Administration
PO Box 3621
Portland, OR 97208-3621

### **ASSOCIATES OFFICERS**

President - Kim Butler / kabutler@bpa.gov / 503-230-3841

Vice President - Brenda Lindgren / bmlindgren@bpa.gov / 503-230-4317

Secretary - Jenny Hurlburt / jhurlburt@bpa.gov / 503-230-5035

Treasurer - Steve Marx / scmarx@bpa.gov / 503-230-5523

Membership Chair - Dan Hays / drhays@bpa.gov / 503-230-3955

### **WATTS NEWS**

Editor - Amber Naef / alnaef@bpa.gov / 503-230-4001

Classified Ads - Amber Naef / alnaef@bpa.gov / 503-230-4001

NOTE: Send all NEWS information to the address below or email the Co-Editors.

Send all CLASSIFIED ADS to Amber Naef.

WATTS NEWS Editor

P.O. Box 3621, (B155)

Portland, OR 97208

## Planning to retire soon? Having a celebration?

BPA retirees have a shared email group where we post news of interest. (Visit https://groups.io/g/RetiredBPA-Associates to join)

If you want to invite retired BPA'ers to your coffee, luncheon, roast, etc, send your invitation to us (email to yourbest@jun o.com) for posting. It's best if the invitation comes from you, the upcoming retiree. We need to know it is authentic and is being extended with your permission.

### **ABOUT US**

The Northwest Federal Employees Association (NWFEA or "Associates") is a nonprofit organization established under IRS paragraph 501(c)(4) to maintain the general welfare and provide specified benefits to all active, retired federal and contract employees whose agency is located in the greater Portland/Vancouver area, including all locations across the Pacific NW, Idaho and Montana. The Associates currently includes employees from the following agencies:

- DOE Bonneville Power Administration
- DOI Bureau of Indian Affairs
- DOI Bureau of Land Management
- DOI Regional Solicitor's Office
- DOI Fish and Wildlife Service
- DOI US Geological Survey
- DOC National Marine Fisheries Service

- USDA Portland
- Pacific NW Federal Credit Union
- Paragon Systems

You can join The Associates at any time by sending \$5.00 along with the membership form (attached) to Dan Hays, Membership Chair c/o The Associates, 905 NE 11<sup>th</sup> Avenue, Portland, Oregon 97232.

The Associates awards at least \$6,500 per year in academic scholarships to members' children. Members are also entitled to apply for special grants (in case of a personal catastrophe) and Caring & Sharing presentations when death, illness, injury, or a child's birth/adoption occurs.

The Associates sponsors blood drives, food drives, hygiene program, foster children's holiday giving tree, veterans giving tree and a first responder safe room. The Associates also sponsors various sports teams, such as golf, bowling, and softball. We offer discount programs for group events, such as Blazer games, Timbers games, ballets, plays, concerts, and ice skating shows.

Special events are held each year. The annual lunch, picnic and children's holiday skate party. The picnic and skate party are both held at Oaks Parks. The Associates also organizes craft and book fairs and offers logo wear, gift cards, and safety kits for sale.

Our organization has been going strong for 80 years and we continue to be a very important part of the federal family.

## **New Feature: Historical Watts News**

## ATTS

WEEKLY

BONNEVILLE PROJECT ASSOCIATES

March 10, 1945

PORTLAND, OREGON



THE BPA A-C CALCULATING BOARD (The Only One West of the Mississippi)

War production requires power. The urgent necessity of meeting the demands for electric power - due to national defense and natural growth creates a challenge to the planning engineers. Local loads increase and additional loads become established, resulting in the shifting of load centers. Such changes require increased generating and transmitting facilities. To provide for this expansion in power supply requires accurate planning to avoid waste of time, materials, or effort. The first step is the quick solution of the electrical problems.

The A-C Network Analyzer or A-C Calculating Board provides an accurate means for solving the more involved electrical problems, quickly. It consists of a number of units, which can be adjusted to represent the electrical characteristics of generating plants, transmission lines, substation apparatus, capacitors, transformers, and customers' loads. These individual units can be interconnected and adjusted to form an electrical system which accurately represents the power system under study in miniature. A reduction in power of 20 million times is often used on the board. Nevertheless, power and voltage are applied to the miniature network in direct proportion to actual system quantities; and currents, voltages, and power flows throughout the notwork are read on special meters using a light beam for a printer. The measured results are then interpreted and analyzed to obtain solutions to problems under study.

The installed cost of the present A-C Analyzer is approximately \$77,300. An addition which should be installed in 1945 will make it 2-1/3 times larger than the present BPA board, increasing the board generators to a total of 18. This will make it compare favorably in size with other boards in the United States and will bring the total cost to \$172.550. Of the ten calculating ... boards in the United States, Bonneville has the only board west of the Mississippi. The other nine locations are: M.I.T., Westinghouse Electric and Manufacturing Company, Pennsylvania Railroad, Commonwealth Edison Company, TVA, Purdue University, Potomac Electric Power Company of Washington, D. C., General Electric Company, and Public Service Company of New Jersey.

The A-C Calculating Board Studies Unit is in the System Engineering Section and has five operators under the supervision of Bert Hoard, Chief of the unit. They are: Charles A. MacArthur, J. Paul Cerveny, Fred A. Himmelmayr, Errol F. Kingsley, and Florence S. Ango. Florence is the only woman to hold one of these unique positions. Studies made by the Calculating Board Unit show when new equipment, such as transmission lines, transformers, etc., are needed to care for future loads. Such studies range from a few months to many years in advance.

One of the more important analyzer investigations this past year dealt with the arrangement of the Grand Coulee bus and the lines radiating from Grand Coulee, and resulted in a radical revision of the method of operation (Continued - pg. 2) of the Grand Coulee generating plant and a considerable rearrangement of the plant switchyard. As a consequence, breaker duties were decreased to safer values, flexibility of bus arrangements to secure optimum power flows was increased, and the stability of the system as a whole was materially improved.

## ALCOA FORGINGS

Art Paschelke testing and calibrating meters;

Scotty Kuntze bringing in some new capacitor units:

Vern Taylor checking on capacitor performance;

Messrs. Dunsmore and Randall resetting a whole flock of relays:

Bert Shearer down for a gander at the demand meter:

Messrs. Kernahan and Bost of Design looking things over;

Harry Cady juggling mercury on the transformer gas alarms;

Roy Asmussen carrying ladder around to replace burned out lights.

Sr. Operator Norman N. Sandberg, after a two weeks sojourn at Ross, says he is glad to get back to the sunny Alcoa climate after the cold weather at Ross.

Andy Huling has been polishing up about \$18.93 worth of spinners and spoons of the type said to be patronized by all the best fish. April isn't far away when this happens.

The other day the telephone rings and gives out like this, "So you fellows down there at Alcoa think that is the only place the grass grows, eh? Well, we think Forgings is a good title. Forging the truth into some of the most fantastic and unrecognizable shapes as to be totally unorthodox." There was more but you folks shouldn't read it.

## CHEHALIS HAPPENINGS

The mobile unit of the Red Cross Blood selves. Mr. I Bank was in Chehalis recently and the from Vancouver Chehalis Bonneville personnel was well reinspecting open presented among the donors. The hot mechanic Replates, which were being used to make right lever to coffee for the donors, refused to function. Shovel #1704.

early in the day, but Electrician Kenneth Calkins soon had the plates working again so donors continued to receive their hot coffee.

Bob Walters was at Astoria and Tongue Point last week looking over the substation equipment. The maintenance of these stations, as well as Mestport, has recently been assigned to the Chehalis electricians.

Officer Floyd Williamson returned home March the 3rd from the Virginia Mason Hospital in Seattle. He is much improved in health, and we hope that he will soon be able to be at his post again.

Jack Riggen and James Jarvis have been hauling river sand and silt for the rose bed and shrubs here at the station.

Alfreda Jarvis

## COVINGTON NEWS

Senior Clyde Ramsey and Ed Ostlund decided to break through a wall in the Untanking Tower. The incessant noise of the air-hammer sounds as if all the war weapons of the Allied nations were turned loose. Helen Czerny stood her ground bravely - for awhile - and then moved her work over to the Control House where all is quiet and peaceful.

The Covington Associates sent flowers and sincere wishes for a speedy recovery to James McGraff of Tacoma, who has been confined to his home for the past two weeks and to George Latimer of Allyn who is in the Doctors Hospital in Seattle.

There is a new face beaming in our midst, E. D. Marsh, Electrician Helper, has transferred from Walla walla.

We had a good example of how one acts the morning after the night before when wetching Lloyd Bowen, Thurlow Steward, Jack Hartman, and John Jiman put in their regular eight-hour shift blurry-eyed and staggering last Friday. Despite the fact that they worked a 22-hour shift on Thursday in order to finish pouring concrete for Cond. #2, they were able to complete their regular days duties without working too much of a hardship on themselves. Mr. P. J. VanBruggen was out from Vancouver, taking official tests and inspecting operations.

Mechanic Ray Farley finally found the right lever to make tracks turn on Shovel #1704. Grace Cory

## SALEM VOLTAGE

Lynn Furbush, Line Foreman, has been on the sick list the past week after having his teeth extracted. We are all sympathizing with Lynn while he is on a soup diet.

This last week, February 26 to be exact, Louis Ramus of our Line Gang had a birthday. Said Louis, "Yes, all great men were born in February."

Jim Beall, Salem Operator, spent the past week relieving at the Tillamook Naval Base Substation. When asked how he liked being there, he replied he felt sorry for the sailors because there are not sufficient amusement places there. It was easy to understand Jim's interest in the boys after we learned he had served  $7\frac{1}{2}$  years in the Navy himself.

Visitors at this station this past week were: Messrs. U. J. Gendron, Claude Miller, Lee Duffy, Trueman Smith, L. H. Holden, D. J. Copps, and Howard Ashe. We were happy to see them down this way and hope they noticed the nice job done by our faithful and dependable Colin Elerick in trimming the lawn, washing the windows, and keeping the hardware polished.

## SPOKANE NEWS

Our wandering district manager, Glenn Bell, has returned to roost. Although a little travel worn and with a husky voice left over from a cold picked up in St. Louis, he is in the same old high spirits, and was a welcome sight to the D.O. employees. We expect to get a full report on his travels at the next Associates' meeting.

School bells are ringing every Saturday afternoon nowadays, with many of the guys and gals attending classes in elementary electricity under the expert tutelage of Governor Owen Hurd.

We are very happy to have Orval White back on duty as Operator. He is getting around mighty fine on that game knee of

Kenneth Aldrich and Willard Johnson of the Come System Development Section were recent : Hasvisitors in Spokene, assisting the District etc. Engineer in Customer Distribution problems

and advance System Planning.

A group of Chinese industrialists and economists visited the District Office and were conducted on a tour to Grand Coulee Dam and the Columbia Basin Project by Owen Hurd and Ivan Bloch. Mr. Hurd reports that the group was apparently more impressed with a visit to one of the big wheat farms and the farmer's home, than with the Grand Coulee Dam. The complete electrification of a farm and home, with its many uses of electricity, was a revelation to them. The farm visited was equipped with electric range; water heater. dish-washer, two-temperature walk-in refrigerators, automatic furnace, and farm shop equipment including electric welding, power-machine tools, electrically operated grain elevator, and many other evident uses of electricity. The guests were also impressed with the highly mechanized operation of the farm.

EXCERPTS FROM THE CAMP VANTAGE LIE BOOK The village of Vantage is securing a new post office.

Early last week George Gray--local cafe and service station operator--and Tom Stockdale--local oil dealer and owner of the Town of Vantage--laid the cornerstone for the new post office which will be erected adjoining Gray's Cafe. According to the present plans, Vantage will have daily mail service. Postmaster elect, George Gray, estimates there will be about one hundred permanent patrons for the new office.

Another improvement for the valley will be a new REA line which is now under construction. It gives us a feeling of pride to see our valley grow while we are here.

SPECIAL ATTENTION

MEMBERS

COLUMBIA POWER POST NO. 120

AMERICAN LEGION

We will honor our Past Commanders
FRIDAY NIGHT MARCH 16, 1945
NAVY HALL ----- 8 P.M.

Come and join in the fun -- See the old Has-Beens do their stuff.- Refreshments, etc. T. T. Smith, Commander

## SURVEYING

Well, March came in like a lamb and Willard McCarton and his boys went out like lions --headed for Sedro Woolley. They created quite a stir when they stopped at 1300 on their way north. Carl Brandt, Dannie Daniels, Carl Long, Jim Vaughn, and don't look now, girls, but that bachelor with the southern drawl is George Bowen.

\* \* \* \* \* \* \* \*

## 1945 RED CROSS WAR FUND QUOTAS

TOTAL BPA QUOTA..... 36000

	-
Administrator's Office	560
Information Division	40
Personnel Division	170
Legal Division	210
Branch of Engr. & Operations	3010
Div. of Finance & Accounts	510
Div. of Administrative Services	780
Branch of Power Management	720

NOTE: Quota is set up for total BPA; no. quota for Multnomah County. Quota is based on same level as last year's contributions.

\* \* \* \* \* \* \* \* \*

## CONGRESSMAN DEMANDS. BETTER FEDERAL EMPLOYMENT PRACTICES'S

Ray Williams, Chairman of the Bonneville National Federation of Federal Employees membership committee has brought
to our attention the following speech by
Congressman James H. Morrison of
Louisiana. It appeared in the Congression
al Record of January 9, 1945, under the
heading, "OVERTIME PAY FOR GOVERNMENT EMPLOYEES?--WHY THEY DON'T EVEN GET STRAIGHT
TIME PAY FOR OVERTIME WORK."

Mr. Morrison called to the attention of the House the fact that in addition to working a 48-hour work week instead of a 39-hour week, Government employees are now required to work 7 of the 8 recognized holidays--Christmas Day being the only holiday on which all employees are excused. Under the 48-hour work week now in effect Government employees are required to serve 2,448 hours a year as against 1,972 hours under the former 39-hour week, or a total of 516 hours of overtime each year. To compensate these employees for the additional 516 hours of work they have been paid "overtime" ranging from 300 per

annum as a minimum to \$628.32 as a maximum. A table of analyses of the present U.S. Government overtime pay plan, which the Honorable James Morrison presented, indicates that the additional pay, which a Federal employee would receive if he were paid straight time at the pre-wer basic rate for the additional hours he is required to work, would range from \$45.41 for an employee whose basic rate of pay is \$1320 per annum to \$1,988.32 for an employee whose basic pay amounts to \$10,000 per annum.

In his remarks, Mr. Morrison pointed out that Government employees have to meet higher living costs and have to pay higher taxes and that they are making a creditable record in the purchase of War Bonds and all of the welfare and war fund drives. He concluded his remarks with the statement, "Is it not time to review the government salary tables and bring them into harmony with 1945 living conditions?"

## BONNEVILLE ASSOCIATES MEET

Fifty-six members of the old and the new board of governors and their guests gathered for dinner and a business meeting, February 27, 1945.

Before relinquishing the gavel to James Wild, Jack Stevens extended his appreciation to all of last year's officers and board members for a year of grand cooperation, and expressed the feeling that the coming year would see many good things accomplished.

On behalf of the retiring board, Lee Gress presented Jack with a leather brief case in appreciation of his fine leadership.

Jim hild, in stating his aims for the coming year, mentioned welfare, blood donations, victory gardens, and war activities as the prime objectives, with social activities, sports, etc., being given as much consideration as possible.

Since it will be necessary to keep an vertical accurate and complete roster of Associate members to comply with the new Amendment to the Constitution regarding elections, there was considerable discussion as to how this should be done. Ted Devers made several suggestions. A motion was made

that each governor be made responsible for turning over to the chair+ manded by Colonel Elbert Helton, of Sen man of the Membership Committee a complete Antonio, Texas. The group is a unit of list of the members in his own division: and for maintaining a list of his own.

Earl Harr made a motion that a vote of: thanks was due the governors. Everyone agreed.

The splendid cooperation exhibited by the Associates gives strength to their organization.

## Delayed Substation News

## WOODBURN WHINNIES

The crew at Moodburn has been busy . completing Vancouver-Eugene Line #2 and are at present working on the Salem Alumina Tap Line. .

Doc Yoder seems to be turning into a blonde. Could it be that he has found a new hair dye?

The other day there was a monkey across the street inquisitively eyeing this office. Perhaps he was thinking of applying for a lineman's job. But this is no monkey business.

Frances Johnson

FACTORY MANAGEMENT 11 under direction

of

OREGON STATE COLLEGE School of Engineering

Instructor:

Eugene Caldwell, Vice President

General Monager of Hyster Co., Portland

Duration: 12 weeks

Tues. 7:00-9:00 p.m.

Starts: March 13, 1945

Place: Benson High School, Rm. 1

### OUR FIGHTING MEN

AN EIGHTH AIR FORCE BOMBER STATION. England -- The Air Medal has been awarded to Second Lieutenant Carlyle E. Bradbury, 25, for "meritorious achievement" during Eighth Air Force bombing attacks on Nazi. military and industrial targets.

The B-17 Flying Fortress bombardier

is a member of the 493rd Bomb. Group comthe Third Air Division, the division which was cited by the President for its historic England-Africa shuttle bombing of Messerschmitt plants at Regensburg. Germany.

Lt. Bradbury, a 1939 graduate of the Benson Poletechnic High School, was a machinist for BPA before entering the ALF in March, 1941. He was trained in advanced bombardier's school at Victorville, Calif., where he received his wings in August, 1944.

More recently Carlyle has been injured and is recovering in a hospital in England. His wife has said that he expects to be released from the hospital very soon.

## UNIFORMED VISITORS

Capt. Gibson Bassett (Property Group of Chief Engineer's Office) visited friends during his rotation furlough. He has seen action in Guadalcanal, New Guinea, Leyte, and other South Pacific hotspots.

Milton Odell (Ross Elec.) was a Ross visitor recently. He has completed his boot training at Farragut, Idaho, and is waiting for new orders.

PFC Beulah Carter (Power Branch) stopped in Portland to have a quick visit with friends on her way back to duty. Her husband (Delton Carter of Safety Section) is still in England as some kind of a weather inspector.

### HAPPY DAYS

Robert Roper-Witt of the Transmission Design Unit has notified us of his marriage several months ago -- May 25, 1944 -- to Shirley Cunningham. He writes: "Well, time surely has been rushing by and it seems like ages since I've been up that way. \*\*\*\* All I want to do after this war is over is to forget about war and get into civilian life."

HAVE YOU EARMARKED THAT ASSOCIATE MEMBER-SHIP DOLLAR? Your Governor has the cards and is anxious to put your name on one.

Cpl. Stephen B. Kahn (Info.), Belgium. "This is the French part of Belgium. I have had the luck to shake the AG and rear echelon from my heels and leave their dreary routine (all I did was draft silver star and bronze star citations -- and boy, was I fed up on superlatives) for the more hectic life up here at Forward Echelon. There's much more excitement. and being with the General Staff (Plans and Operations) is naturally much more interesting. You at Bonneville will probably smile at my predicament -- knowing 'everything' and not able to toll anything. I can say, though, that I spend most of my time surrounded by 'Top Secret' stuff, glancing at an array of colored maps and doping out the strategy for the next move. So far, however, I haven't ventured any opinions to our CG, who doesn't take kindly to suggestions -- not even from Corporals.

"I have not completely forsaken my Bonneville training and it seems to amuse the folks (especially the rural folk) te observe my ability in keeping that electric razor going. Undaunted by a variety of voltages, I've used everything from a transformer built to my specifications by a Swiss Engineer (1540 turns on the primary, designed to handle 30 watts without heating -- and without oil or fan cooling), to our one-lung gasoline-driven generator wnich put-puts away beside our foxholes. And I've collared a variety of dry cells that I nurse for real emergencies."

Theodore J. Tewey, Y 1/c (Clerk-Walla W.) "Thank you for your Christmas greeting. It's always nice to know that those at home are thinking of us. I don't believe anyone could express what Watts News has done for the fellows in the Armed Service.

\*Santa Claus was certainly generous in his gifts when he stopped on Christmas. On that day we got our first mail in many weeks. We also had the proverbial bird and all the trimmings, so we fared very

on the home front has made possible the push on the fighting front. Best of luck to all the Bonneville Associates during 1945."

Robert C. Harder (Trans.) Admiralty Ist "In addition to accomplishing great things and good things on the home front, you have demonstrated your ability to do

simple but important things for those now living and serving in remote places. Your card of greeting arrived today, and while a little late, it was nevertheless most

welcome and deeply appreciated.

"It is my good fortune to keep abreast of the accomplishments of the Associates on the home front, and I frankly wonder at times if the members of that august body are not doing more for the war effort than I. To be honest, I must admit that I'm certainly not doing all that, in my opinion, I should, but I'm doing the best I can at the assignment given me. And such greetings as those received from the Associates encourage me in this assignment."

Capt. Edward C. Kelley (Asst. Gen. Counsel) European Civil Affairs Division.

"It looks as if I'm going to have to wait for the war over here to finish before I do much legal work. Inasmuch as it is quite difficult to win modern wars with law books and I am now working on transportation and supply which are vital in this war, I don't regret the legal vacation I've been having.

"I'm now in charge of a small detachment of the French Truck Group which includes a French motor regiment of over 700 men and 300 trucks. My job fundamentally consists of getting as much transport out of this setup for our army as is possible, and I've managed to keep them on the road almost continuously which is not too easy with the roads and weather as bad as they are.

"I have had a lot of very interesting experiences, including arrival here when being in the waters off the French coast still carried plenty of fireworks with it, being bivouacked back of the front lines about 5 miles for a couple of weeks, sceing Paris for the first time about two "Thanks again for the card. Your boost weeks after its liberation, and being at the front in Alsace-Lorraine and near the German frontier for brief spells more recently. It has also been very interesting being with the French army."

h-

Joseph P. Mueller, CSP (P) USNR (S.P. & M.) want fresh fruit we can go out and pick "This past week I received three large envelopes of Watts News, numerous letters from the Dept. of Interior and a copy of Inside Interior. I have been digesting the contents ever since, and it was very gratifying to be able to brush up on the departmental news. Also included was a list of furloughed personnel. (This list was prepared by the Dept. of Interior in Washington, D.C., and while it gave an idea of the number of people furloughed, the addresses were not current.)

"By a strange coincidence f am going back into the Amphibious Forces and will be stationed in Norfolk for a while.

"During my tour of duty in London I was attached to Admiral Kirk's staff and was more than pleased to serve with him during the planning of the Normandy Invasion. had a hand in preparing the graphic material for the assault beaches, but, unfortunately, I was unable to make the actual invasion. Bob Gwinn (Design) was with us in London and he made a decided contribution to our planning. I hope I may have the opportunity of working with him again.

"Right now Bob is on a Command Ship and will no doubt be heard of next in the Battle for Japan. I, myself, hope to work on the planning of that invasion and hope I can be in on the initial landings!

"I am certainly looking forward to my return to BPA and I want to express my appreciation for the effort everyone at Bonneville is giving toward the war effort.

"Give my best regards to the 'Hydraulic Gang' and all my friends at BPA. We're in there pitching so we can't lose, and we know you're all behind us."

Lt. Gerald (Guy) G. Richardson (Design) "Your Christmas card arrived yesterday (Jan. 13) and it was good to hear from

"A lot of water has passed under the bridge since I joined the Army back in 1942. I was in New Jersey and Florida, and then shipped out here in the Pacific where I have been stationed for 14 months.

"Right now I am in the Marianas Islands We had a nice Christmas, but the climate makes it seem like summer time. When we

bananas from the trees. During the day most of us work without shirts and we are about as dark as the natives.

"The Japs were over to see us around Christmas, and warmed things up a bit. It is good to have a deep foxhole. I guess they must not like us very well or perhaps they do not like the Super-Fortress raids.

"Another BPA'er who joined when I did, Ed LeCasse from the Construction Section. was in the same outfit with me for several months before he was sent to England. Treceived a Christmas card from him which was mailed from New Guinea. A person really gets around in the Army these days.

"I have been receiving Watts News regularly and I surely appreciate getting them. The news is very interesting.

"It would be good to get back and see all of you again, but I guess it will have to be a future appointment. Out here we do not get a leave until we have served two years or more, and that is quite a while."

Lt. Roy Spaulding, CRT (Oper.), Wash. D.C. "I arrived here in Washington December 10 with the draft from Clarksville. Housing and transportation are everything the " publicity says .

"Boy, this is the Navy! Everything is regulation, believe me."

Benjamin Bill, USN (Eng.) "I appreciate receiving the Watts News very much, as once in a while I find the name of someone I know. I have been away for 4 long years, and that is a long time.

"I have been here at the old stand on Lake Union in Seattle a little over two years, but expect to be moved any day now.

"When I first reported for duty here, all my help in the office were men, but I now find myself surrounded by WAVES. I wouldn't be surprised if some WAVE Ensign should walk in and tell me that she was my relief. Quite a few Pay Clerks have been relieved by WAVE Supply Officers.

"Best wishes to the old gang (1939-1940) as I hope some of them are still on the job.

WATTS NEWS

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Marie Amala Helen Fields

Substation Representatives Upper-Columbia: Ruth Ryker Mid-Columbia: Irene Newell Puget Sound:

Alcoa:

Troutdale:

Clifford Brown Herschel Shreve Earl Boice

WANTED: Ping Pong Table Ext. 332 HOUSING: Please keep in mind that a file., of Apts. and Houses-to-rent has been arranged in the Personnel Division - Call Ext. 367

NAT'L HOUSING AGENCY: If you wish to .register with this agency for a place to live in the Portland area call Mrs. Williams at Br. 3521. (Incidentally, her husband is a BPA employee, but

don't tell her that I told you.) NOTICE: We are trying to conserve our stock of paper; therefore we are reminding you to send all extra copies of the WATTS NEWS to Marie Amala for mailing to the service people.

SECOND

FOR

THESE

CROSS

SERVICES'

IN TIMES OF EMERGENCY ALL OVER THE WORLD On the fighting fronts On the home front

The American Red Cross representing the American people provided during 1944:

Pints of blood plasma Prisoner of war parcels Communications Surgical dressings Aid to disaster sufferers

5,000,000 10,800,000 14,000,000 775,000,000 68,000

and much more -

"THE MOST YOU CAN GIVE IS THE

LEAST YOU CAN DO."

Bonneville employees wish to express their sympathy to Vera Peterson, whose brother, B. C. Taylor, died February 28.

Helen Hester (Acctg.) has received word that her brother, PFC. Charles A. Hester, 20, has been killed while serving with the 17th Air-borne Division of the 3rd Army in France. We wish to extend our sincere sympathy.

Helen Watson (Eng.) is wearing a diamond which will have a companion ring as soon as John Plympton S1/c returns from the South Pacific.

Zillah Frogley, our little artist from Jack Stevens' office, went skiing on Mt. Hood's snowy slopes last Sunday, hit an icy spot, and to quote a typical male "broke one of the prettiest ankles in Bonneville."

Steady Kenny Aldrich has performed a new feat --- he can sleep soundly while jogging along in a car and at the same time smoke his stogie.

## DON'T MISS ACCOUNTING'S PARTY

Dancing for Everyone Come Early, Avoid the Curfew We'll be seeing you --MARCH 16 8:00 P.M. AMERICAN LEGION HALL 5th and MAIN