

After Action Report:

PACMAN-I ROVING BLUE July 22nd-26th, 2016

Bellows Air Force Station, Marine Corps Training Area, Oahu, Hawaii.



-POC Marianna "Yana" DeMyer, CEO of Roving Blue, Inc.

PACMAN-I is the third assessment of manned-unmanned teaming (MUM-T) as a warfighting concept. The initiative is supported by the 25th ID as part of the Tiger Balm Command Post Exercise at Schofield Barracks, Oahu, Hawaii and is also an Army Warfighting Assessment 17 excursion coordinated with the Brigade Modernization Command, Fort Bliss, Texas.

We arrived at Bellows Marine Corps Training center on 7/22/2016 and made contact with the Sr. Project Officer for the event:

Tollie Strode, Jr.
Sr. Project Officer/Team Lead, SAIC
Unmanned Systems Team, MBL
706.545.5203 (Office)
835.5203 (DSN)
tollie.strode.ctr@mail.mil
<http://www.thebattlelab.com/maneuver>

We were escorted to the location for the demonstration, a fairly green and weedy freshwater canal west of the main operations center, so we could recon the site & prep for the next day's demonstration.



-aerial view of the location



-Looking West.

-Looking East.



Charging the batteries prior to deployment. Shown is the Roving Blue MVP-M w/optional 65 Watt Solar Panel, The Solar Panel was specifically developed for Roving Blue's technology by [Solar Stik™, Inc.](#), Saint Augustine, FL.

On 7/23 we set up alongside other water purification technologies that were invited to the event.

Throughout the day, we demonstrated our system to visitors alongside the other water technologies present. Some of the technologies were not identified (due to them being under development), however one technology was identified as a system by Aspen Water, Inc.



-an array of water technologies along the bank. (Roving Blue to the far right)

We demonstrated our system, the MVP-M, our prototype squad level water purification system several times, over several hours, answering questions along the way.



-Everyone liked the fact that the entire system comes in an all-in-one small ruggedized case that weighs less than a single case of water (23 lbs), and can consistently produces about a liter of water a minute. (30 gallons in 2 hours)

In addition, we demonstrated our new product, the Roving Blue O-pen™ IWP (Individual Water Purifier), a re-chargeable pocket water purifier which can purify 8 oz. of water in under a minute, and last for 30 uses between charges. It definitely had “wow” factor!



DV Day:

7/24/2016 was the set up day for DV (Distinguished Visitor's Day). We set up a Roving Blue Unit demonstration w/dirty water and collection pool. Next day was game on!





We were approached and demonstrated our technology to many PACMAN co-participants and guests, including:

- Major General Robert M. “Bo” Dyess, Director, Force Development, Office of the U.S. Army Deputy Chief of Staff, G8. (Major General Dyess remembered us from our participation at AEWE last year, and wowed us all by *drinking down an entire glass of Roving Blue water* that had been generated from a barrel of disgusting water set up for the occasion!)
- Andy Wood, Emerging Capabilities Coordination Cell – EC3 United States Army, Pacific
- Noel Soto, Systems Engineer, U.S. Army, NSRDEC, WFD, SEID, MESB, PDMT, Natick MA.
- Aide to Secretary of the Army Eric Fanning
- Art Lundquist, P.E., BCEE, Environmental Engineer, Army Public Health Center, Drinking Water & Sanitation Program, Aberdeen Proving Ground, MD 21010-5403
- Jeffrey Dunn, C.E., Soldier Protection and Individual Equipment Team, US Army NATICK, Natick MA.
- Ross M. Wilhelm, Science & Technology Advisor, United States Pacific Fleet, Pearl Harbor, HI
- Todd L. Schafer, Executive Director and Director of Staff, USPACFLT/N02, Pearl Harbor, HI
- James L. Latson, CW5, UAS Operations Officer, 25ID, HHBN, OPS CO, G3 AVN

Next Steps: Apparently our successful demonstration garnered enough support to warrant an invitation (as late addition hopefully) to this year's AWA.

The AWA is approximately two to four weeks long and employs a Brigade Combat Team (BCT) at Fort Bliss, TX. The goal is to assess new and emerging capabilities and concepts aligned to Army Warfighting Challenges and Focused End States supportive of achieving Mission Command Network (MCN) 2020, and Force 2025 and Beyond (F2025B). The AWA events will include tactical exercises using current force equipment and emerging networked systems.

Special Thanks to Tony Panganiban of PRD, of [Pacific Rim Defense](#) (and without whom we'd probably still be stuck in the field!) and to Michael Coulson, our first Roving Blue dealer in the Pacific – see <https://www.rovingbluehawaii.com>, for graciously opening his home to us.

Respectfully Submitted – 08.03.2016

Marianna “Yana” DeMyer

