



NASA astronaut U.S. Army Col. Andrew Morgan participates in extravehicular activity #57 with NASA Astronaut Christina Koch, Oct. 11, 2019, to upgrade the International Space Station's solar array batteries. Morgan, with one of the station's four solar arrays in the background, is on the most extreme port side of the ISS during this EVA. Morgan is the commander of U.S. Army Garrison-Kwajalein Atoll.

FROM SOLAR WINDS TO TROPICAL BREEZE

EXTERNAL REPORT

By Ronald Bailey U.S. Army Space and Missile Defense **Command Public Affairs**

REDSTONE ARSENAL, Ala.—When Army astronaut Col. Andrew "Drew" Morgan returned from the International Space Station on April 17, 2020, he wondered— What's the next career move for a Soldier after a tour that included human spaceflight?

Most of Morgan's predecessors retired from military service following their time at the Army's NASA detachment so they could stay with NASA in a variety of capacities or to pursue other occupations, but Morgan sought an alternative path.

On June 28, 2023, along with his family, distinguished U.S. and Marshallese visitors, and about 200 community members, Morgan received the U.S. Army Garrison-Kwajalein Atoll's guidon from outgoing commander Col. Tom Pugsley, placing Morgan in command of a remote Army garrison in the Marshall Islands that supports one of the United States' most vital national

assets, the Ronald Reagan Ballistic Missile Defense Test Site.

The three-year transformation for Morgan was far from simply exchanging a space suit for an Army uniform. The idea of returning to the "regular Army" started to take shape as he orbited the Earth as part of NASA Expeditions 60, 61, and 62. Morgan credits several of his military mentors with both influencing

his decision and ensuring the path before him included the necessary education and experience.

"Mentors like Gen. James Dickinson, commander, U.S. Space Command, and Lt. Gen. Daniel Karbler, commanding general, U.S. Army Space and Missile

Defense Command, planted the idea in my mind before I even flew in space, but it wasn't until I returned that I gave it serious consideration," Morgan said. "After my spaceflight I felt a calling to lead, and those great mentors were willing to help me pave a path to be competitive for command.'

Few Soldiers know that the Kwajalein Atoll exists, and fewer still understand its vital support to its senior mission operated by USASMDC, the RTS. Morgan, having served with the command for 10 years with seven of those as the NASA Detachment commander, has a unique understanding of Army space

operations and the command.

Living west-central Pacific tropical paradise that is nearly 2,300 miles southwest of Hawaii and more than a five-hour flight from a significant landmass provides challenges, but ones Morgan and his fellow astronauts are all

—USAG-KA Commander Col. Drew Morgan

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too familiar with.

"Living on the International Space Station and on Kwajalein Atoll have a few relatable parallels: both are remote, isolated, resource-constrained and perform important missions for

THE KWAJALEIN HOURGLASS

the U.S. Army's 7th Infantry Division, which liberated the island from the forces of Imperial Japan on Feb. 4, 1944. The Kwajalein Hourglass is an authorized publication for military personnel, federal employees contractor workers and their families assigned to U.S Army Garrison-Kwajalein Atoll.

Contents of the Hourglass are not necessarily official views of, or endorsed by, the U.S. Government, Department of Defense, Department of the Army or USAG-KA. It is published Saturdays in accordance with Army Regulation 360-1.

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our nation," Morgan said. "I have already found myself thinking about our island outpost in the same way we thought about resources—like power, water, and food supply – while I was on the ISS. These basic functions keep our people safe, healthy and able to perform our space domain awareness and missile test missions."

A new assignment and change of duty station has a significant impact on Soldiers and their family members, particularly overseas moves. After 10 years in Houston at the Johnson Space Center, Morgan's family's opinion was crucial to his decision to uproot himself and his family.

"I would never have pursued the option to command without the full buyin of my family," Morgan said. "We were moving the oldest of our three daughters immediately before her senior year, so there were some significant considerations. But everyone was up for this adventure, no percent supportive of this mission. We are all in!"

As to his own ability to adapt to change, during a 2021 episode of US-ASMDC's podcast, "The High Ground," Morgan alluded to something his fellow U.S. Navy astronaut and close friend, Capt. Victor Glover, mentioned about resiliency—that it's important to become "comfortable being uncomfortable." Morgan credits his military experience and his time with NASA for helping to develop his ability to adapt to career and life changes, and his continuing desire to remain in the Army.

"I'm a Soldier, physician and an astronaut...so stepping away from NASA to command in the Army feels like coming home. For the next two years, that home will be right here at USAG Kwajalein Atoll, embracing the challenge of leadership and continuing our service to the country, albeit in a new, equally unique place," Morgan said. "In the Army you can do almost anything, from flying in space on an orbiting outpost, to leading a mission on a remote Pacific outpost. This is why I wanted to be a Soldier."



NASA astronaut U.S. Army Col. Andrew Morgan holds a new cooling module for the International Space Station's Alpha Magnet Spectrometer during extravehicular activity #61, Dec. 2, 2019. Morgan worked with Italian Air Force and European Space Agency astronaut Italian Air Force Col. Luca Parmitano on this third of a series of four EVAs to repair the failing AMS, a state-of-the-art particle physics detector.

MEET THE USAG-KA GARRISON COMMANDER

The community is invited to meet U.S. Army Garrison-Kwajalein Atoll Commander Col. Drew Morgan.

Saturday, July 15 3:30 p.m. Kwajalein High School Davye Davis Multi-Purpose Room





Congratulations to the Delaney family, Kwajalein Police Department Lt. Shawn Delaney, right, and his spouse, Kristin, for their US-AG-KA Yard of the Month contest-winning quarters. AAFES Exchange Assistant Store Manager Isabella Jimenez, center right, and General Manager Ian Morales, far right, presented the family with a gift card for their hard work on July 6.

DELANEY FAMILY WINS USAG-KA YARD OF THE MONTH

BY JESSICA DAMBRUCH

Congratulations to the Delaney family—winners of this month's USAG-KA Yard of the Month contest for a beautiful and neat front yard.

Kwajalein Police Lt. Shawn Delaney and his wife, Kristin, were notified of their big win by USAG-KA Housing Director Calvin Alexander shortly after making their move to Lagoon Road from the North Point area.

Both the front and back yards are studded with mementos of the Delaneys' travels around the world. Large, flowering and potted plants purchased and bartered from friends are arranged near decorative items collected from Kwajalein and their last duty station in Germany.

The Delaneys received an AAFES gift card from AAFES Exchange Assistant Store Manager Isabella Jimenez and General Manager Ian Morales last week as a token of appreciation for a job well done

"I love coming out here to work on this garden," Kristin said. "I was never a plant person until we had the opportunity to contribute to the beauty of our neighborhood like this."

Interested in how you can win the Yard of the Month Contest? Be sure to call the Commander's Hotline at 480-1098 to learn more about what USAG-KA Housing looks for when making selections for next month's competition.













Above: The Delaney's yard contains decorative ornaments from their tours of duty around the globe, as well as many plants cultivated and donated by island friends.



Personnel from Nan, Inc., construction company, U.S. Army Corps of Engineers and U.S. Army Garrison-Kwajalein Atoll conduct a groundbreaking ceremony near the island's North Point "new housing" neighborhood on June 24.

USACE BREAKS GROUND FOR NORTH POINT HOUSING CONSTRUCTION

BY JESSICA DAMBRUCH

On June 24, personnel from Nan, Inc., construction company, the U.S. Army Corps of Engineers and USAG-KA Command held a groundbreaking ceremony to officially begin the demolition of the island's Army Family Housing area at North Point.

The homes will be replaced with new builds in the years to come, offering new housing options for incoming garrison families.

Speaking prior to his June PCS, US-AG-KA Commander Col. Tom Pugsley joined the gathering and described the importance of the builds for the growth and modernization of Kwajalein.

"COVID had an impact that all of us know," he said. "A lot of us lived it, but we're finally getting back on track and back on schedule. I am really excited specifically about this project."

Pugsley thanked Nan, Inc., the Army Corps of Engineers and the island's Public Works personnel.

"Every person on this installation has a key role to play, and it's important that we try to do our best to make sure we provide adequate housing for those families. I appreciate everything you've done and will continue to do."

"I wish you the best in speed on getting after this quickly and in continuing to interact with each other as problems come up as they inevitably will. Those relationships are important. That's how we get things done around here."

The housing demolition will begin in an unoccupied portion of the North Point housing neighborhood.

All are advised to exercise caution around the construction site as operations continue.

Nan Superintendent and supervisor Clint Ueatari further described the safety measures planned while Nan's 50 operators, plumbers, electricians, quality control safety officers and laborers work on the block.

"For community safety for the public around this job site, we will have reflectors and signs on the gates and the posts and mirrors on the gates for the community and for our drivers to be safe as they exit and enter the premises."

"We're hoping to produce good living quarters for the people who come out to Kwaj," Uteari said. "It feels great to start this project. It's been a long time waiting, for the Corps, and for us. Our people back home in Honolulu, our team, are excited just as we are, and I can't wait to see the first house come down."

"We are happy to have Nan as our partner to work on this project," said USACE Area Engineer Blair Jones. "It's very satisfying to be able to put the shovels in the dirt today and to kick off the construction. It's been a long time coming."

The construction award, a \$59 million appropriation for FY 21 was made in 2022. The projected completion date for the construction is November 2024. The award funds 24 new homes, 22 of which will be three-bedroom. Two of them will be four-bedroom homes.

"I'd just like to thank the community for their patience and understanding as this will be a little bit of a change now that we're doing construction here on the northern part of the island. We will do our best to inform the community of what's happening as we progress through this project."

The North Point housing area, called "new housing" replaced the island's original Silver City housing, located at the North Point area, before 1990. Their extra storage and wide floorplans made the units attractive to island residents, who were able to tour a fully furnished model home located within the block.

Homes on the block were vacated and condemned, as numerous factors related to Kwajalein's unique environment rendered the structures unsafe for habitation.

In years since, island residents have raised concerns about the degradation of the block as units along Lagoon Road have begun to collapse.

NAN, INC. CONSTRUCTION NOTICE: REPAIRS TO ZAMPERINI DINING FACILITY, BUILDING 703 TO BEGIN JULY 24

PUBLIC SAFETY ANNOUNCEMENT

Nan, Inc. construction company, will be mobilizing to Building 703 Zamperini Dining Facility through July 24 to begin design construction geotechnical work.

Nan, Inc. prioritizes safety and will implement strict protocols throughout the construction process. The compa-

ny aims to minimize disruptions to the community and maintain open communication within the community and residents.

For inquiries or more information, please contact the project team at 48o-2632. Nan, Inc. appreciates the support and cooperation of the community for this transformative construction project.



Above right: Geotechnical boring services will be conducted at the two locations indicated on the overhead contruction map.



MINI BASKETBALL TOURNAMENT TEAMS TAKE TOP HONORS

BY JESSICA DAMBRUCH

Of the four teams that competed in the June 25 MWR 3-On-Three tournament, Team Jones took home top honors in the friendly competition.

"This is just a really great event," said MWR Supervisor Kevin Robertson. "We appreciate the energy, the enthusiasm, and all of the teammates who came out to play and to support this event."

The mini tournament offered some of the island's top players the chance to literally team up for victory. After a quick playoff game, two teams emerged as the tournament finalists and proceeded to the final round. Participating players on each team included recent high school graduates, community athletes, long-time range employees and active-duty Soldiers.

Jeff Jones, his son Nate Jones, a newly returned Kwajalein High School graduate, and Keith and Shawn Brady made up Team Jones. Their opposing team, comprised of USAG-KA Command personnel. Command Sgt. Maj. Ernest Miller, Capt. Ibrahima Sady, Josh Snow, did its best to break their foe's winning streak.

"It feels great to be able to be part of this and to play with these great guys," said player Shawn Brady, following the game.



Airborne, USAG-KA Command Sgt. Maj. Ernest Miller, right, lunges for the ball while Keith Brady gets ready to sink a basket during the 3-on-3 Tournament June 25.

PHOTO BY JESSICA DAMBRUCH





Gone fishin': U.S. Embassy Majuro closed on July 7 in honor of RMI anglers on Fisherman's Day, a special national holiday in the RMI. Personnel joined Marshallese citizens for a day on the water, and came back with quite a catch.





NASA's Discovery, STS-70, glides past Earth in this 1995 photo from it's nine-day mission to launch the final Tracking Data and Relay Satellite into a geosynchronous orbit 22,300 miles away from Earth.

U.S. ARMY SPACE AND MISSILE DEFENSE COMMAND HISTORY

BY SHARON WATKINS-LANG, USASMDC HISTORIAN

The crew of Discovery, also known as STS-70, adopted Woody the Woodpecker as a mascot after their launch was delayed by several weeks after a Northern Flicker Woodpecker had created over 200 holes in the foam insulation on the external fuel tank.

STS-70 launched on July 13, 1995, on a nine-day mission. The primary mission was to launch the final Tracking Data and Relay Satellite into a geosynchronous orbit (22,300 miles from Earth) for NASA.

The TDRS system played an important role for the NASA program as the "space-based network [provided] communications, tracking, telemetry, data acquisition and command services essential to the Space Shuttle and other low-Earth orbital spacecraft such as the Hubble Space Telescope, the Compton Gamma Ray Observatory, the Upper Atmosphere Research Satellite, Cosmic Background Explorer, Extreme Ultraviolet Explorer, TOPEX-Poseidon, Land-

sat and many more."

Army Astronaut Lt. Col. Nancy Currie served as a Mission Specialist aboard this flight. Among Currie's programs aboard this flight was to work with and align the Hand-Held, Earth-Oriented, Cooperative, Real-Time, User-Friendly, Location Targeting and Environmental System or HERCULES camera system. Developed by the Naval Research Laboratory, this iteration of the project allowed each frame of video to be tagged with longitude and latitude coordinates, with an accuracy of three-nautical miles. designed to document locations on Earth.

Meanwhile, the Strategic Defense Initiative's Midcourse Space Experiment or MSX satellite observed "the plumes from Shuttle engine burns, and the Shuttle body, representative of a resident space object, against Earth and space backgrounds."

The MSX was designed to support the development of surveillance capabilities of ballistic missiles during the midcourse of their flight.



This vintage STS-70 mission patch includes the names of the flight crew and the plucky likeness of the Hanna-Barbera cartoon character and mission mascot, Woody the Woodpecker.



DEPUTY CHIEF OF MISSION JOINS U.S. EMBASSY MAJURO

U.S. Embassy Majuro welcomes Deputy Chief of Mission Lance Posey to the atoll.

Lance joined the Foreign Service in 2009 and served in the consular sections in Sao Paulo, Brazil and Bridgetown, Barbados, followed by four years in Washington D.C., where he worked on issues related to parental child abductions and served as the Haiti program officer for police capacity building.

Lance also served as a procurement and contracting officer in Nairobi, Kenya, and

his most recent posting was as the Consular Section Chief and Acting Deputy Chief of Mission in Nassau, The Bahamas.

Lance is a native of Chattanooga, Tennessee. received his undergraduate degree from Columbus State University in Columbus, Georgia, and his master's degree from Georgia College.

Prior to joining the U.S. Department of State, he was a high school science teacher and assistant principal in the United States and at international schools in Turkey, Japan, Germany and the United Kingdom. Lance is married and has two children.



PHOTO COURTESY OF U.S. EMBASSY MAJURO

Army kicks off new cycle of facility investment planning

EXTERNAL REPORT

By Stefan Alford

REDSTONE ARSENAL, Ala.—The 2023-24 cycle of the Army's annual Facility Investment Plan process officially kicked off during a virtual meeting with senior leaders and stakeholders from many of the service's commands July 11.

The meeting established milestones for the Army Materiel Command-led program in line with an operation order to the field last month that defined FIP roles and responsibilities to continue to meet the facility investment strategy and associated 10-year plan.

"Army senior leaders continue to prioritize based on people, readiness and modernization," said Lt. Gen. Omar Jones IV, commanding general of Installation Management Command who led the meeting. "The intent of the FIP is to provide visibility to senior leaders on commander priorities (for funding)."

"The annual kickoff event initiates the requirements collection and modification process for the Army's FIP," explained Jordan Matthews, FIP program lead for AMC. "Each installation will review their projects already documented in the Facility Investment Plan data set, update as necessary and add any emerging requirements. This annual kickoff is a reminder to the field to capture the full requirement."

The first phase consists of real property inspections and incorporates an increased use of data analytics to enable more accurate and informed decisions for use of available funds to support present and future Army sustainment, readiness, and modernization requirements.

Matthews said that installation senior commanders will prioritize their projects by Aug. 11 and all Army Commands, Army Service Component Commands, and Direct Reporting Units will prioritize their projects by Sept. 8. AMC and IMCOM will then host a virtual FIP Wargame event Sept. 25-29 to discuss prioritization

Barracks projects will continue to see increased emphasis, said Matthews.

To that end, the command's FIP program lead outlined the Army will award 45 barracks projects in fiscal year 2023 for \$1.07 billion. In addition, 13 Child Development Centers/Youth Centers for \$114 million will be awarded. Combined, the barracks and centers make up 65% of all investment funding, according to

These investments directly affect the quality of life of Soldiers and Families on Army installations and reflects our commitment to People - the Army's top priority," he said. "The Army will also award 50 additional projects totaling \$1.15 billion supporting power projec-

tion, stationing, modernization, installation readiness, energy and utilities, and other (Army Senior Leader) directed initiatives.

The Army initiated the FIP in 2020 to maximize use of Army resources and provide focused infrastructure improvements in accordance with senior leader facility investment priorities. AMC operationalized the FIP to unify the active Army's planning for infrastructure investments in military construction and facilities sustainment, restoration and modernization over a 10-year horizon.

Annually, AMC oversees revalidation efforts and recommends modification to the plan based on Secretary of the Army guidance to enable the most efficient use of available funding.

The FIP cycle kicks off every July, based on input from supported commands. It is reviewed and updated in three phases: Phase 1 to validate installation master plans, conduct assessments of real property, and prioritize all requirements in synchronization with senior leader priorities; Phase 2 is the FIP wargame; and Phase 3 is the analytics out brief and submission for Army senior leader approval.

The approved FIP is then incorporated into the Army's funding plans and submitted to the Secretary of Defense as part of the Army's budget estimate submission.

UPDATED ENTRY & EXIT PROCEDURES

Permanent residents (current K-Badge holders) temporarily traveling off-island, TDY or leave as an example, will no longer be required to submit an "exit" 55r form. Residents will need to maintain possession of their K-Badge and display it at the Hickam terminal, if flying ATI, and upon arrival through entry and exit.

If residents do not have their K-Badge, they will need to contact their HR on-island and submit a 55r for processing prior to initiating their return travel. This does not eliminate any travel documents required by the RMI government, United Airlines, or AMC.



EXTERNAL REPORT

By the National Oceanic and Atmospheric Administration

Yes, sea level is rising at an increasing rate.

The global sea level has been rising over the past century, and the rate has increased in recent decades. In 2014, global sea level was 2.6 inches, 67 mm above, the 1993 average—the highest annual average in the satellite record (1993-present). Sea level continues to rise at a rate of about one-eighth of an inch, or 3.2 mm per year.

Higher sea levels mean that deadly and destructive storm surges push farther inland than they once did, which also means more frequent nuisance flooding. Disruptive and expensive, nuisance flooding is estimated to be from 300 percent to 900 percent more frequent within U.S. coastal communities than it was just 50 years ago.

The two major causes of global sea level rise are thermal expansion caused by warming of the ocean (since water expands as it warms) and increased melting of land-based ice, such as glaciers and ice sheets.

The ocean is absorbing more than 90 percent of the increased atmospheric heat associated with emissions from human activity.

With continued ocean and atmospheric warming, sea levels will likely rise for many centuries at rates higher than that of the current century. In the United States, almost 40 percent of the population lives in relatively high-population-density coastal areas, where sea level plays a role in flooding, shoreline erosion, and hazards from storms.

Globally, eight of the world's 10 largest cities are near a coast, according to the



U.S. ARMY PHOTOS BY JESSICA DAMBRUCH

In the United States, almost 40 percent of the population lives in relatively high-population-density coastal areas, where sea level plays a role in flooding, shoreline erosion, and hazards from storms. Above and below are photos taken on Ebeye's southside in late 2022, after a few days of heavy rain inundated the thoroughfares.

U.N. Atlas of the Oceans.

Sea level rise at specific locations may be more or less than the global average due to local factors such as land subsidence from natural processes and withdrawal of groundwater and fossil fuels, changes in regional ocean currents, and whether the land is still rebounding from the compressive weight of Ice Age glaciers. In urban settings, rising seas threaten infrastructure necessary for local jobs and regional industries. Roads, bridges, subways, water supplies, oil and gas wells, power plants, sewage treatment plants, landfills—virtually all human infrastructure—is at risk from sea level rise.

What's the difference between global and local sea level?

Global sea level trends and relative sea level trends are different measurements. Just as the surface of the Earth is not flat, the surface of the ocean is also not flat—in other words, the sea surface is not changing at the same rate globally. Sea level rise at specific locations may be more or less than the global average due to many local factors: subsidence, upstream flood control, erosion, regional ocean currents, variations in land height, and whether the land is still rebounding from the compressive weight of Ice Age glaciers.

Sea level is primarily measured using tide stations and satellite laser altimeters. Tide stations around the globe tell us what is happening at a local level—the height of the water as measured along the coast relative to a specific point on land.

Satellite measurements provide us with the average height of the entire ocean. Taken together, these tools tell us how our ocean sea levels are changing over time.



Kwajalein Fogging Schedule Tuesday, July 18 - Thursday, July 20 5:30 - 7:30 p.m.

Roi-Namur Fogging Schedule Tuesday, July 25 - Thursday, July 27 5:30 - 7:30 p.m.

Fogging operations are weather dependent. Residents should avoid fogged areas for approximately 30 minutes.

About Fogging Operations
On USAG-KA, fogging operations

On USAG-KA, fogging operations are performed using EcoVia EC, the eco-friendly insecticide.

- Liquid botanical oil insecticide
- Active ingredients include thyme oil & rosemary oil
- Safe to use in and around homes and near water
- Safe for use near children and pets

Some uninvited guests are real pests! Help island pest control professionals by doing your part around your quarters and in communal areas.

- Everyone can help to eliminate mosquitoes and flies.
- Check for standing water where mosquitoes breed
- Dump any accumulated water at least weekly
- Manage vegetation and eliminate accumulated leaves
- Do not add food waste directly into open trash cans such as the Emon Beach trash containers, large black trash cans, or residential green trash receptacles.
- Always seal food and animal waste inside trash/plastic bags before adding to trash cans.
- Periodically clean outdoor trash receptacles.

TODDLER SWIM/LEARN TO SWIM CLASS REGISTRATION WITH USAG-KA CHILD AND YOUTH SERVICES

Enrollment dates: Aug. 1 – 11 Session dates: Aug. 15 – 26 Classes meet on Tuesdays, Wednesdays, Fridays and Saturdays

Toddler Swim registration is open to students aged 6 months to four years old.

Learn to Swim is open to students aged four years and older. Sign your child up for Session 1 (3:45 - 4:15 p.m.) or Session 2 (4:30 - 5 p.m.).

Call CYS Central Registration (Bldg. 358) at 480-2158 to register. For more information, email Shawn Brady at shawn. brady@vectrus.com.

SCHOOL-AGED CHILDCARE REGISTRATION FOR THE 2023-24 SCHOOLYEAR

School-aged care is open to students in kindergarten through fifth grade. Options are available for a.m., p.m. and combination care for up to five days.

Morning Program: 7 a.m./beginning of school day Afternoon Program: End of school day until 5:30 p.m.

Fulltime care includes holidays and school break camps. For more information or to register, contact CYS Central Registration at 480-2158, and email christy.wagnon@vectrus.com.

TROPICAL CYCLONE CONDITION OF READINESS

USAG-KA will hold an installation-wide Tropical Cyclone Condition of Readiness (TCCOR) Exercise:

July 18 - 25

There will be daily notifications for each TCCOR change. This includes mass notifications and Emergency Services vehicle mounted PA announcements.

For each TCCOR, please review your family plan and organizational action measures. Please ensure your personal or family emergency kits are ready!

For more Emergency Management information, visit:

https://home.army.mil/kwajalein/index.php/my-fort/EM



THE CLASSIFIEDS

MOVIES

Saturday, July 15

(PG-13) 120 min.

Sunday, July 16

Saturday, July 22

(PG-13) 93 min.

Sunday, July 23

"Super Troopers

(R) 122 min.

"All My Life"

(R) 99 min.

"Kong: Škull

Island"

"Joker"

Kwajalein Yuk Theater

Saturday, July 15 "Toy Story 3" (2010) (G) 103 min.

Sunday, July 16 "The Bob's Burgers Movie" (2002) (PG-13) 102 min.

Monday, July 17 "John Wick: Chapter 4" (2023) (R) 169 min.

Saturday, July 22 "UP" (2009) (PG) 96 min.

Sunday, July 23 "The Blues Brothers" (1980) (PG-13) 133 min.

Monday, July 24 "Cocaine Bear" (2023) (R) 95 min.

Saturday, July 29 "Sonic The Hedgehog 2" (2022) (PG) 122 min.

Sunday, July 30 "Talladega Nights: The Ballad of Ricky Bobby" (PG-13) 108 min.

Monday, July 31 "Scream VI" (2023) (R) 122 min. com Wednesdays by close of business. Ads received after deadline will be published in the next issue of The Kwaja-lein Hourglass.

ACTIVITIES

QUIZZO. Every second Wednesday at the Ocean View Club is Quizzo night. Bring a friend and get ready for mind-bending, face-melting trivia!

The community wants to hear from you. Email announcements and advertisements to kwajaleinhourglass@vectrus.

EIGHT-BALL TOURNAMENT. Beginning July 19, 6:30 p.m. at the ARC. Sponsorship is needed for non-residents attending the game. Call 480-4198 and visit the MWR Desk in the Grace Sherwood Library, Bldg. 805, for information.

SPADES TOURNAMENT. July 25, 6:30 p.m. at the ARC. Call 480-4198 for registration and details

For more VOLLEYBALL THREE-DAY TOURNAMENT. July 28 – 30 at the CRC Gym. Begins at 1 p.m. Call 480-4198 for registration and details. ROI Residents Town Hall. July 22, 2 p.m. at the Tradewinds Theater.

CAC OFFICE

Before your visit to the Common Access Card Office, ensure all paperwork is completed by your human resources representative before making an appointment. Bring two forms of government-issued IDs with you to your appointment. Walk-in appointments are welcome, but there may be a wait. CAC Office Hours, Bldg. 835, are Tuesday – Saturday, 8 a.m. – 4 p.m.; (Lunch: noon - 1 p.m.). Questions? Call 480-8496.

CHAPEL

PRAYER AND PRAISE NIGHT. Every first Sunday at 7 p.m. in the large chapel

on Kwajalein. This open worship night is free and open to everyone.

ROI SERVICES. Catholic Mass will take place on Roi at 6:30 p.m. on the second and fourth Fridays of each month. Protestant services will take place every first and third Friday of each month.

CHAPEL COUNSELING AVAILABLE. For those who seek religious guidance, general counseling, and who may have questions related to family counseling, all are welcome to schedule an appointment with Ch. Brian Conner at the Island Memorial Chapel by calling 480-3505.

VACATION BIBLE SCHOOL. Tuesday, July 25 through Saturday, July 29, 5:30 p.m. 8:15 p.m. for children aged 4 – 14 years. Volunteers are welcome. Classes meet in the REB. Register at the Island Memorial Chapel. Call 480-3505 or email kwajchapel@gmail.com for more information

THEOLOGY ON TAP. Monday, July 17, 6:30 p.m. at the ARC. "Idols: Blocks to a Meaning-Filled Life."

MAN CAMP BBQ. 11 a.m. – 1 p.m. July 24 at Coral Sands Pavilion. Join us as we show our love for the men and women at the LSA. The Chapel will provide hotdogs, hamburgers, sides and desserts to share.

E-WARENESS:

Reclaimed vs. Drinking Water Kwajalein Island has two water systems.

Service Now is the new Remedy. Please be patient as the NEC transitions to Service Now. To submit new tickets call: 480-3000.

For urgent requests, please email:
Usarmy.Bucholz.516-sig-bde.mbx.

Kwajalein-nec-change-management@army.mil

The reclaimed (non-potable) system, color-coded with red labels, is not suitable for drinking. Landscaping with reclaimed water conserves drinking (potable) water. **Contact Environmental at 480-0722 for more information.

Ewor ruo kain system in dren ion Kwajalein. Reclaimed (non-potable) system eo, ekokalle kon label biroro, ejjab emman nan idrak. Utrikrik kon reclaimed water ekojbarok drenin idrak (potable). Ne ewor am kajitok kaki, call e lok Vectrus Environmental ilo 4805-1134.

**Kir lok Vectrus Environmental ilo 480-0722 kin kajitōk.

FACILITIES

RACQUETBALL COURT CODE. Residents can obtain the door code from the MWR Desk at the Grace Sherwood Library. The code will not be given out over the phone. Contact MWR at 480-3331 with questions.

FIRE SAFETY

You are required to inspect each fire extinguisher in your areas of operation monthly or every 30 to 31 days. Check for the following: The extinguisher is properly mounted in its assigned location; immediately accessible (unobstructed) and visible; tamper seal and safety pins are in place, and the nozzle is free of obstructions; the pressure gauge is in the "green" to indicate it's charged; and the cylinder in good shape. After the inspection, initial the extinguisher tag for that month. Contact the Public Works Service Desk at 480-3550 if any of the above steps require attention. For questions, email PublicWorksServiceDesk@ Vectrus.com.

FLIGHTS

Please note that all flights are subject to change. For the latest update on your flights on United, ATI or Air Marshall Islands: ATI: 480-2169; AMI: 480-3469; United: 480-4852 or 1-800-UNITED1; Air Terminal Services: 480-2660; Flight Information Recording: 480-3589

UA Schedule Effective Now Monday and Friday—UA 155 (HNL) Check-in 2 – 4:50 p.m. Wednesday—UA 133 (HNL) Check-in 2 – 4:15 p.m. Tuesday and Saturday—UA 154 (GUM) Check-in 10:45 – 11:15 a.m.

HEALTH

Employee Assistance Program counselor, Kenneth Thomas, can be reached at kenneth.thomas@internationalsosgs.us or 480-5362. Clients can expect education about mental health disorders from a multicultural perspective with the goal of moving toward acceptance and ultimately to mitigate symptoms.

OPTICAL CARE APPOINTMENTS will be available July 25 through Aug. 12. Call 480-2220 to schedule a visit with Dr. Black of Kwaj Eyecare. Eye exams to examine dry eyes, eye disease, prescriptions for contacts and glasses for residents of all ages are available. For more information, visit www.kwajeyes. com and email drwtblack@aol.com.

COVID-19 BOOSTERS. A bivalent COVID-19 vaccine booster is available for those aged 12+ if it has been more than 120 days since their initial bivalent COVID-19 vaccine dose. To register, please email judy.wiser@internationalsosgs.us, or call 480-2223.

NOT FEELING WELL? Call 480-2223 to make an appointment for a COVID-19 test, Tuesday through Saturday from 7:30 a.m. – 4:30 p.m. If you are not feeling well, please wear a mask when you are around others in the community.

COVID-19 TESTS. Get free at-home tests. Every US household is eligible to order four free at-home COVID-19 tests. Need help placing an order for your at-home tests? Call 1-800-232-0233 (TTY 1-888-720-7489).

RMI ENTRY REQUIREMENTS. Updated entry requirements for the RMI by air or seaport include the following requirements: Adults aged 18-years-old and up must have completed one primary COVID-19 vaccine series. Primary series: Johnson & Johnson single dose; Pfizer completed series (two doses); or Moderna completed series (two doses) Boosters are not currently mandated. There is no vaccination requirement for children under age 18.

NOTIFY THE VET. Pet owners must notify Kwaj Vet Services before vacation. A pet sitter authorization form for treatment is required prior to departing Kwaj. Reach Vet Services at 480-2017 Tuesday through Saturday from 7:30 a.m. – 4:30 p.m.

HOURS OF OPERATION

BARGAIN BAZAAR Summer Hours. Through Aug. 30, Wednesday only, 4:30 – 6:30 p.m. Jino Jen 1 ran in June nan 30 ran in August. Wenje Wot, 4:30 – 6:30 p.m.

MILLICAN FAMILY POOL. Closed for cleaning on Thursdays. Open noon to 5 p.m. Tuesdays, Wednesdays, Fridays and Saturdays. Open 11 a.m. to 5 p.m. on Sundays and Mondays. Closed Thanksgiving and Christmas.





Contact the USAG-KA Sexual Harassment/ Assault Response and Prevention Victim Advocate

Chief Warrant Officer 2 Nate Elkins SHARP Victim Advocate

Work: 480-0660 or 480-3421

USAG-KA SHARP Pager: 808-580-3241

DOD SAFE Helpline: 877-995-5247





JOBS

To apply for government employment opportunities on U.S. Army Garrison-Kwajalein Atoll and worldwide, visit usajobs.gov. Email kwajaleinhourglass@vectrus.com to remove a listing.

AKIMA is hiring for the following on-island positions: Communications Clerk (ID: TRU01101); Communications Specialist (ID: TRU01100); and Fiber / Cable Technician (ID: TRU01099). Applicants must reside on US-AG-KA and possess a valid passport. For information and a list of required qualifications, visit https://akima.taleo.net.careersection/akimallc_cs/jobsearch.ftl. Apply online or send resume to Jeannette McIlwain at jeannette.mcilwain@akima.com.

CHILD AND YOUTH SERVICES is hiring a facility director (req. 31990) and lead teacher (req.31991). All required background checks must be successfully completed and maintained. A health assessment is also required. Apply online at www.vectrus.com.

COMMUNITY BANK is currently hiring for a Banking Center Service Specialist (aka Teller). This is a part-time, 20 hr./week position for an on-island hire. Submit your application and resume to: https://www.dodcommunitybank.com/home/careers/application_process. Call call Stephanie Finley at 480-2292 with questions.

ENVIRONMENTAL HEALTH AND SAFE-TY MANAGER. KFS LLC is accepting resumes for a Health and Safety Manager to support an upcoming Environmental Project on Kwajalein. Visit https://honuservices.jobs.net/en-US/job/health-and-safety-manager/J3N1RL6KDG9RWPTYQDF for additional information, including the full job description, qualifications, and resume submission instructions.

NAN, INC. seeks a project engineer, welder, welding inspector, quality control manager, and site safety and health officer. To apply, visit www.nanhawaii.com and contact Clint Ueatari at 480-2632, 480-4995 or 480-4996.

TRIBALCO is hiring for multiple positions. Applicants must meet job requirements. Apply online at tribalco.com/jobs, www.kaihonua.com, and www.akima.com. Contact Tribalco Human Resources at 480-4344. Visit www.tribalco.com/careers.html. An active security clearance is required.

QUANTUM DYNAMICS, INC., is accepting resumes for positions on Kwajalein and Roi-Namur in the following areas: vehicle maintenance, transportation motor pool, movement control and custodial; and apply at https://qdyncorp.com/home/careers/. You may also visit the HR Office in Bldg. 700. Contact the Human Resources manager at 480-0782 or administrative assistant at 480-4916 for more information.

RGNEXT, LLC seeks qualified candidates to fill open positions on Kwaj and Roi in engineering, technical, COMSEC and other areas. For information and to apply, visit rgnext. com.

SUBSTITUTE TEACHERS WANTED. Kwa-

jalein School System is now hiring substitute teachers. Qualifications: 4-year degree in any field; confidentiality; love of working with children; favorable status for CNACI (will receive background check after accepting offer). Send resumes to uhrenp@kwajaleinschools. org. For more information call 480-3601.

TRUESTONE is hiring for multiple positions. Contact Tribalco Human Resources at 480-4344 and visit https://www.akima.com/careers/. Visit www.tribalco.com/careers.html.

MAINTENANCE

ARMA. Log in to ArMa, the Army Maintenance Application, to report issues for all buildings maintained by the Department of Public Works. Contact Public Works at 480-3550.

Service Now is the new Remedy. Please be patient as the NEC transitions to Service Now. Tos submit new tickets, call 480-3000. For urgent requests, email usarmy.bucholz.516-sig-bde.mbx.kwajalein-neck-change-management@army.mil.

MWR FITNESS CLASSES

All classes meet in Corlett Recreation Room 7 unless otherwise noted. All classes require a Fitness Pass. Purchase annual, 6-month and 8-month passes at the MWR desk in the Grace Sherwood Library (Bldg. 805). All classes are subject to change without notice. Call MWR at 480-3331 for information.

TUESDAY

5:30 - 6:30 a.m. FREE SPIN CRC7 10:30 a.m. BEGINNERS YOGA CRC7 5 p.m. YOGA CRC7 6 p.m. ZUMBA CRC1 6:30 p.m. SPIN CRC7

WEDNESDAY

9:15 a.m. ZUMBA TONING CRC1 5 p.m. BEGINNERS YOGA CRC7 6 p.m. WATER AEROBICS ADULT POOL

THURSDAY

6 a.m. SPIN 9:15 a.m. ZUMBA CRC1 11:30 a.m. TRX BOOTCAMP CRC7 5 p.m. YOGA CRC7 6 p.m. WATER AEROBICS ADULT POOL

FRIDAY

5:30 - 6:30 a.m. FREE SPIN CRC7 6 a.m. YOGA FLOW (EMON BEACH) 9 a.m. ZUMBA CRC1 5:30 p.m. POWER HOUR (Strength & cardio circuit) CRC7 6 p.m. ZUMBA TONING CRC1

SATURDAY

5:30 - 6:30 a.m. FREE SPIN CRC7 8 a.m. TRX + CORE CRC7 10:30 a.m. WATER AEROBICS ADULT POOL

SCHOOL

SCHOOL SYSTEM EMAILS. KSS emails have changed. School email addresses now end with @kwajaleinschools.org. Ex: uhrenp@kwajaleinschools.org. The former email addresses will work through the summer. However, please begin using the new email addresses.

NEW KWAJ KID? New parents & students are invited to a school information meeting. New to GSES (K-6): Aug. 4, 6-7 p.m. at the elementary school Coconut Room. New To



2023 All Star Game

Top Four Teams from A and B
League choose three players for
each team.

Visit the Grace Sherwood Library or call 480-4198 by close of business on July 22 with your selections.

KHS (7 - 12): Aug. 5, 5 - 7 p.m. MP Room. Visit kwajaleinschools.org for more.

NEWCOMERS

ISLAND ORIENTATION and Newcomer's Briefings occur in the REB, behind the Island Memorial Chapel. To register, email KWAJ_OSO_Ops@Vectrus.com or call 480-3511.

AUTOMOTIVE LICENSING. The Automotive Licensing Office has moved to Bldg. 808. Visit during regular hours of operation to complete license testing and documentation.

PASSPORTS

Passport services are temporarily on hold until the U.S. State Department approves a new head of facility for Kwajalein. The community will be notified when services resume. Questions? Contact Mike Sakaio at 480-2103.

Complete the passport application at travel. state.gov. Print completed forms and ensure you have a copy of your existing passport and other documents, including parents' identification cards, and birth certificates.

Photos must not be older than six months, taken without glasses. Free passport photos are available. Contact Host Nation Activities at 480-2103 for details.

PASSPORT FEES. Adult passport renewal: \$130; Adult passport (first application): \$165; Minor passport (15 and younger): \$135; Adult Passport Card: \$30; and Minor Passport Card: \$15. Only money orders and cashier's checks payable to "U.S. Department of State" are accepted and can be purchased from Community Bank or the post office.

POST OFFICE

PCS & VACATION TIPS. Customers must notify the post office before leaving for 30 days or PCS'ing. Per DOD 4525.6-M, mail is only allowed to be held for 30 days with or without prior notice. Mail is considered unclaimed on day 31 and will be returned to the sender. Email the post office to authorize pick up for your mail and packages. When PCS'ing, provide a forwarding address. Contact James Smith with questions at 480-3461 and james.e.smith2295@army.mil.

TO USE ICE. Step 1: Visit ICE Home at disa. mil. Step 2: Click "search." Step 3: Choose USAG-KA Post Office and select "general site comment." Step 4: Let your voice be heard. Then, click submit.

REGULATIONS

TOBACCO USE. USAG-KA Policy Memorandum 600-8 protects others from the negative impact of tobacco use. On USAG-KA, smoking is permitted in designated smoking areas only. Smoking and cigarette butt receptacles must be at least 50 feet from the entrance of facilities.

VEGETATION. Per USAG-KA Regulation 420-1, vegetation may not be planted in the ground without approved permits. Residents may be asked to remove items if planted without approval. Do not place sprouted coconuts in yards.

DON'T TAKE CULTURAL ARTIFACTS. It is illegal to remove cultural resources from the atoll. This includes any protected species, unexploded ordnance, WWII-era artifacts and ancient Marshallese artifacts. These resources are protected under U.S. federal and RMI law. Do not remove these pieces of atoll history from Kwajalein. Contact the Kwajalein Archaeology Office at 480-8867.

TOBACCO USE. USAG-KA Policy Memorandum 600-8 protects others from the negative impact of tobacco use. On USAG-KA, smoking is permitted in designated smoking areas only. Smoking and cigarette butt receptacles must be at least 50 feet from the entrance of facilities.

SAFETY

EMERGENCY MANAGEMENT., If an emergency or disaster occurred, would you and your family be notified?

- 1) Visit the USAG-KA Emergency Management webpage, https://home.army.mil/kwaja-lein/index.php/my-fort/EM
- 2) Click on "Mass Notification"
- 3) Follow the registration instructions.

CANDLES and open flames are not permitted in BQ rooms. The Kwajalein Fire Department thanks you for keeping your neighbors safe.

TAXI

CALL 480-TAXI (8294) or 3341 to book your ride at least 24 hours in advance of your check-in time for United Airlines and ATI flights.

TRAINING

DRIVER'S TRAINING & LICENSING. Kwajalein Classes: Every Wednesday, 9 – 11 a.m. (RMI) and 1 – 3 p.m. (U.S.) at Automotive Area, Bldg. 856, Rm. 103. Roi Classes: second Friday of the month, 9 a.m. – 11 a.m. and 1 – 3 p.m. (U.S.) in C-building. Please email wkaisha@rmi.qdyncorp.com or barnett@rmi.qdyncorp.com to register. Class size is limited. ***Note: Bring a valid US, International, or Marshall Islands License with you to class***



Attention USAG-KA Residents

Any alteration to a U.S. Government facility (office & industrial, BQs and Army Family Housing) by a resident requires an approved building permit. Depending on the alteration, a separate dig permit may be required.

For more information, call or email:

Public Works Service Desk

TEL: 480-3550 or

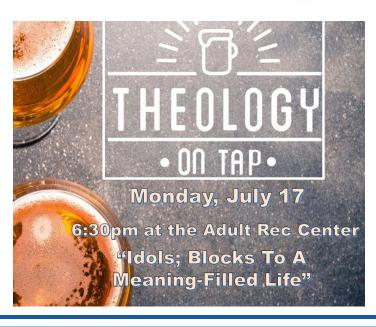
Email: PublicWorksServiceDesk@vectrus.com

Dig Permits

TEL: 480-2049 or

Email: DigPermitsDPW@vectrus.com







2022 DRINKING WATER QUALITY REPORT

Available at Kwajalein and Roi-Namur:

- Post Offices
- Libraries
- Air Terminals
- Dock Security Check Points

PUBLISHED BY VECTRUS FOR U.S. ARMY GARRISON-KWAJALEIN ATOLL.
JUNE 2023.

2022 Water Quality Report ebojak non aolep armij ro ilo USA-KA lale ej kwalok kin melele ko raurok kin dren in idrak eo ion USAG-KA.

Ebojak ilo Kwajalein im Roi-Namur:

- Post Offices
- Libraries
- Air Terminals
- Dock Security Check Points

Contact Environmental at 480-0722 for information.

The 2022 Water Quality Report is now available to all USAKA residents with important information about drinking water at USAG-KA.





Pollution and litter in and around the world's oceans poses a growing problem. Plastic waste and other discarded trash endangers wildlife, negatively affects natural habitats and ruins the natural world for all of us. Please remember to discard trash in the proper receptacles around Kwajalein.

UXO SAFETY REMINDER

PURITE SOFFTY ANNOUNCEMENT

Unexploded ordnance should be treated like dangerous sea creatures: Look, but do not touch.

You can play an important role in keeping Kwajalein safe by knowing what to do when you spot unexploded ordnance.

- Remember the three R's of UXO:
- Recognize an item as possible unexploded ordnance;
- Retreat from the area of the UXO;
- · Report suspected UXO immediately.

If you discover an object that could be UXO, notify Kwajalein Explosive Ordnance Disposal immediately by calling 480-1433.

You can also call CPS at 480-4445.

Provide the following information about what you found:

 Location. Note helpful details like the building number, GPS coordinates and any prominent landmarks

Dangerous remnants of war deteriorate over the years—sometimes beyond recognition. Unexploded ordnance should only be handled by a trained professionals.

Right: A Japanese knee mortar recovered on Kwajalein in 2020 looks very different from its accompanying reference photo.

You can do your part to keep Kwajalein safe. Listen for more UXO safety tips at the next island orientation. To learn more, call Kwajalein EOD at 480-1433.

 Size of the UXO as compared to common items like a football or scuba air cylinder

For a detailed refresher on UXO safety, attend the new island orientation or call Kwajalein EOD at 480-1433.

Kemejmej R ko 3:

- Recognize (kile) juon kwopej bajjok emaron Bokutan ak kein kabokkolok (UXO).
- Retreat (Jenliklik) bed ettolok im jab kepaak UXO eo.
- Report (Ripoot e) boktun ak kein kabokklok eo ien eo emokajtata non EOD ilo nomba kein (480-1433) ak CPS (480-4445).

Ken melele kein: la eo (nomba in ijo, GPS, kakolle in ijo, etc.); Jonan (jonan e ibben jet kain mweik football, taan in turan, etc.).

Tiljek kon UXO kein einwot am kojparok menin mour in lojet ko rekauwotata. Kalimjek wot jab jibwe. Non bar kakemejmej eok, eokwe jouj im koba lok ilo Island Orientation allon otemjej.





NAN, INC. SAYS SAFETY FIRST BEFORE FY21 AFH DEMO

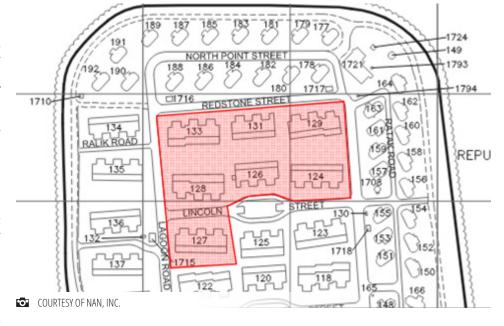
COMMUNITY CONNECTION

Nan, Inc. construction company has begun mobilization and preliminary activities for the upcoming FY21 Kwajalein Army Family Housing project in our community.

From June to August 2023, Nan personnel will establish clear boundaries by setting up fencing around the construction site. Additionally, vegetation removal will be carried out in compliance with environmental regulations.

Nan prioritizes safety and will implement strict protocols throughout the construction process. The company aims to minimize disruptions and to maintain open communication within the community and with residents.

For inquiries or more information, please contact the project team at 48o-2632. Nan, Inc. appreciates the support and cooperation of the community for this transformative construction project.



Above: Nan, Inc., will erect a safety perimeter around select areas of North Point Housing as the demolition of the 1980s-era homes is scheduled to begin this summer.



RTS WEATHER STATION STAFF

JULY 22

WEATHER DISCUSSION

7:12 p.m.

6:39 a.m.

7:12 p.m.

9:46 p.m.

9:53 a.m.

10:23 p.m.

The unseasonably dry pattern will continue through this weekend with mostly sunny skies, stray to isolated showers, and moderate trade winds. Situated to the northwest, the influence of the tropical, upper-tropospheric trough has weakened and a dry trade wind pattern will remain. Expect stray to isolated trade wind showers through Monday with showers remaining relatively shallow as strong subsidence aloft limits vertical depth in cloud development. Trade winds will remain gentle to moderate from the east-northeast between 9-16 knots with a few higher gusts near showers.

SATURDAY

Mostly to partly sunny with isolated morning showers becoming stray showers by afternoon. Winds will be NE-E between 11-16 knots with higher gusts near showers.

SUNDAY

6:28 p.m. 3.3'

6:35 a.m. 4.1'

6:58 p.m. 3.3'

Mostly sunny with stray showers. Winds NE-E between 11-16 knots with higher gusts near showers.

12:18 a.m. 0.2

12:59 p.m. 0.0'

MONDAY

Mostly sunny with stray showers. Winds NE-E between 9-14 knots with higher gusts near showers.

TUESDAY THROUGH FRIDAY

A few trade wind troughs embedded in the easterly flow will provide better dynamics Tuesday through Friday for greater shower coverage.

Although, the deepest moisture and strongest convection will likely remain south of Kwajalein. Expect isolated to widely scattered showers with a possible thunderstorm, especially on Thursday and Friday. Trade winds will be east-northeasterly between 8-13 knots on Tuesday and Wednesday and increase to 11-16 knots on Thursday and Friday.



Tune in to local live radio, 7 - 9 a.m., 11 a.m. - 1 p.m. and 4 - 6 p.m., on AFN 99.9 (Kwajalein) and 97.9 (Roi-Namur).

See you later - Bar lo eok!