

possibility of holding a groundfish workshop or establishing a working group dedicated to monitoring issues. Finally, the Council will close out the meeting with “other business.”

Although non-emergency issues not contained on this agenda may come before the Council for discussion, those issues may not be the subject of formal action during this meeting. Council action will be restricted to those issues specifically listed in this notice and any issues arising after publication of this notice that require emergency action under section 305(c) of the Magnuson-Stevens Fishery Conservation and Management Act, provided the public has been notified of the Council’s intent to take final action to address the emergency. The public also should be aware that the meeting will be recorded. Consistent with 16 U.S.C. 1852, a copy of the recording is available upon request.

### Special Accommodations

This meeting is physically accessible to people with disabilities. Requests for sign language interpretation or other auxiliary aids should be directed to Thomas A. Nies (see **ADDRESSES**) at least 5 days prior to the meeting date.

Dated: January 10, 2018.

**Tracey L. Thompson,**

*Acting Deputy Director, Office of Sustainable Fisheries, National Marine Fisheries Service.*

[FR Doc. 2018–00567 Filed 1–12–18; 8:45 am]

**BILLING CODE 3510–22–P**

## DEPARTMENT OF COMMERCE

### National Oceanic and Atmospheric Administration

**RIN 0648–XF945**

### Endangered and Threatened Species; Take of Anadromous Fish

**AGENCY:** National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA), Commerce.

**ACTION:** Notice; applications for one new scientific research permit and five scientific research permit renewals.

**SUMMARY:** Notice is hereby given that NMFS has received six scientific research permit application requests relating to Pacific salmon and steelhead. The proposed research is intended to increase knowledge of species listed under the Endangered Species Act (ESA) and to help guide management and conservation efforts. The applications may be viewed online at: [https://apps.nmfs.noaa.gov/preview/preview\\_open\\_for\\_comment.cfm](https://apps.nmfs.noaa.gov/preview/preview_open_for_comment.cfm).

**DATES:** Comments or requests for a public hearing on the applications must be received at the appropriate address or fax number (see **ADDRESSES**) no later than 5 p.m. Pacific standard time on February 15, 2018.

**ADDRESSES:** Written comments on the applications should be sent to the Protected Resources Division, NMFS, 1201 NE Lloyd Blvd., Suite 1100, Portland, OR 97232–1274. Comments may also be sent via fax to 503–230–5441 or by email to [nmfs.nwr.apps@noaa.gov](mailto:nmfs.nwr.apps@noaa.gov) (include the permit number in the subject line of the fax or email).

**FOR FURTHER INFORMATION CONTACT:** Rob Clapp, Portland, OR (ph.: 503–231–2314), Fax: 503–230–5441, email: [Robert.Clapp@noaa.gov](mailto:Robert.Clapp@noaa.gov). Permit application instructions are available from the address above, or online at <https://apps.nmfs.noaa.gov>.

### SUPPLEMENTARY INFORMATION:

#### Species Covered in This Notice

The following listed species are covered in this notice:

*Chinook salmon (Oncorhynchus tshawytscha)*: Endangered upper Columbia River (UCR); threatened Snake River (SR) spring/summer (spr/sum), threatened SR fall-run.

*Steelhead (O. mykiss)*: Threatened UCR; threatened SR; threatened middle Columbia River (MCR).

*Sockeye salmon (O. nerka)*: Endangered SR.

#### Authority

Scientific research permits are issued in accordance with section 10(a)(1)(A) of the ESA (16 U.S.C. 1531 *et seq.*) and regulations governing listed fish and wildlife permits (50 CFR parts 222–226). NMFS issues permits based on findings that such permits: (1) Are applied for in good faith; (2) if granted and exercised, would not operate to the disadvantage of the listed species that are the subject of the permit; and (3) are consistent with the purposes and policy of section 2 of the ESA. The authority to take listed species is subject to conditions set forth in the permits.

Anyone requesting a hearing on an application listed in this notice should set out the specific reasons why a hearing on that application would be appropriate (see **ADDRESSES**). Such hearings are held at the discretion of the Assistant Administrator for Fisheries, NMFS.

#### Applications Received

##### Permit 1124–6R

The IDFG is seeking to renew for five years a permit under which they have been conducting six research projects in

the Snake River basin for nearly 20 years. The permit would continue to cover the following actions: One general fish population inventory; one project designed to monitor fish health throughout the state; two projects looking at natural and hatchery Chinook salmon production (in which sockeye may rarely be captured); one project monitoring natural steelhead; and one project centering on monitoring sockeye salmon recovery in Idaho. Much of the work being conducted under these projects is covered by other ESA authorizations; the work contemplated here is only the work that portion of the research that may affect sockeye salmon. The purposes of the research are therefore to monitor listed salmonid health, help guide sockeye salmon recovery operations, and to rescue sockeye salmon in need imperiled by circumstances such as being trapped by low flows. The benefits to the salmon would come in the form of information to help guide resource managers in restoring the listed fish and, as stated, in directly rescuing them from peril. The fish would be captured by various methods—screw traps, electrofishing, hook-and-line-angling, mid-water trawl—and most captured fish would immediately be released. The researchers do not intend to kill any of the captured fish, but a few may die as an inadvertent result of the research.

##### Permit 1134–7R

The Columbia River Inter-Tribal Fish Commission (CRITFC) is seeking to renew for five years a permit under which they have been conducting research for nearly 20 years. The permit would continue covering five study projects that, among them, would annually take adult and juvenile threatened SR spring/summer Chinook salmon and adult and juvenile threatened SR steelhead in the Snake River basin. There have been some changes in the research over the last ten years; nonetheless, the projects proposed are largely continuations of ongoing research. They are: Project 1—Adult Spring/summer and Fall Chinook Salmon and Summer Steelhead Ground and Aerial Spawning Ground Surveys; Project 2—Cryopreservation of Spring/summer Chinook Salmon and Summer Steelhead Gametes; Project 3—Adult Chinook Salmon Abundance Monitoring Using Video Weirs, Acoustic Imaging, and passive integrated transponder (PIT) tag Detectors in the South Fork Salmon River; Project 4—Snorkel, Seine, fyke net, Minnow Trap, and Electrofishing Surveys and Collection of Juvenile Chinook Salmon and Steelhead; and Project 5—Juvenile Anadromous

Salmonid Emigration Studies Using Rotary Screw Traps. Under these tasks, listed adult and juvenile salmon would be variously (1) observed/harassed during fish population and production monitoring surveys; (2) captured (using seines, trawls, traps, hook-and-line angling equipment, and electrofishing equipment) and anesthetized; (3) sampled for biological information and tissue samples, (4) PIT-tagged or tagged with other identifiers, (5) and released.

The research has many purposes and would benefit listed salmon and steelhead in different ways. However, in general, the studies are part of ongoing efforts to monitor the status of listed species in the Snake River basin and to use those data to inform decisions about land- and fisheries management actions and to help prioritize and plan recovery measures for the listed species. Under the proposal, the studies would continue to benefit listed species by generating population abundance estimates, allowing comparisons to be made between naturally reproducing populations and those being supplemented with hatchery fish, and helping preserve listed salmon and steelhead genetic diversity. The CRITFC researchers do not intend to kill any of the fish being captured, but a small percentage may die as a result of the research activities.

#### *Permit 13380-3R*

The NWFSC is seeking to renew for five years a permit that currently allows them to annually take natural juvenile SR spring/summer Chinook salmon and SR steelhead in the Salmon River subbasin in Idaho. This research has been in progress for over ten years and is designed to assess three alternative methods of nutrient enhancement (Salmon carcasses, carcass analogues, and nutrient pellets) on biological communities in Columbia River tributaries. In general, the purpose of the research is to learn how salmonids acquire nutrients from the carcasses of dead spawners and test three methods of using those nutrients to increase growth and survival among naturally produced salmonids. The research would benefit the fish by helping managers use nutrient enhancement techniques to recover listed salmonid populations. Moreover, managers would gain a broader understanding of the role marine-derived nutrients play in ecosystem health as a whole. This, in turn, would help inform management decisions and actions intended to help salmon recovery in the future.

Under the proposed research, the fish would variously be (1) captured (using seines, nets, traps, and possibly,

electrofishing equipment) and anesthetized; (2) measured, weighed and fin-clipped; (3) held for a time in enclosures in the stream from which they are captured; and (4) released. A number of the captured fish would also be intentionally killed so the researchers may conduct stable isotope, otolith, and diet analyses with the purpose of linking growth and survival to habitat conditions. It is also likely that a small percentage of the fish being captured would unintentionally be killed during the process; in such instances, any unintentional mortalities would be used in place of any fish that would otherwise be lethally taken. In addition, tissue samples would be taken from adult carcasses.

#### *Permit 14283-3R*

Environmental Assessment Services (EAS) is seeking to renew for five years a permit that currently allows them to annually take listed fish in the mid- and upper Columbia River in support of the U.S. Department of Energy's Hanford Site Cleanup Mission and regulatory drivers under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The research would take place in four areas the Columbia River waters extending from McNary Dam to a point upstream of Wanapum Dam. The researchers are targeting non-listed resident fish but may also capture UCR steelhead and Chinook, MCR steelhead, SR fall Chinook, SR spr/sum Chinook, and SR Steelhead. The research would benefit listed fish by helping monitor and reduce contamination from the Hanford Nuclear Reservation. The researchers would capture the fish using electrofishing, hook and line, and long-line techniques. Any captured listed fish would immediately be released. The researchers do not propose to kill any listed fish but a small number may inadvertently be killed by the activities.

#### *Permit 16979-2R*

The Washington Department of Fish and Wildlife (WDFW) is seeking a five-year permit to collect data on UCR Chinook and steelhead abundance, status, distribution, diversity, species/ecological interactions, and behavior in the Columbia River from its confluence with the Yakima River upstream to Chief Joseph Dam. The research would benefit fish by helping managers (1) understand the distribution and proportion of hatchery and natural origin steelhead, and Chinook in UCR tributaries, (2) understand the influences of other biotic and abiotic factors with respect to recovering listed species, (3) understand the potential

effects of proposed land use practices, (4) determine appropriate regulatory and habitat protection measures in the areas where land use actions are planned, (5) project the impacts of potential hydraulic projects, and (6) evaluate the effectiveness of local forest practices and instream habitat improvement projects in terms of their ability to protect and enhance listed salmonid populations.

The researchers would capture fish via a wide variety of means (snorkeling, dip netting, seining, using electrofishing equipment, traps and weirs, and barbless hook-and-line sampling). The captured fish would be variously tissue sampled, measured, tagged, allowed to recover, and released. The researchers do not intend to kill any of the fish being captured, but a small percentage of them may inadvertently be killed as a result of the proposed activities.

#### *Permit 21571*

The United States Geological Survey (USGS) is seeking a five-year permit to conduct research on migration survival among middle Columbia River steelhead in the Yakima River system in Washington State. The research would look at how well the listed fish are surviving passage through various reaches of the Yakima River. The research would benefit the listed fish by helping managers understand what survival risks the young salmonids face when migrating downriver in the Yakima system. The managers would then be able to use that information to take actions designed to increase fish survival. The USGS researchers would capture juvenile MCR steelhead and tag them with acoustic and PIT tags. They would then use PIT tag detectors and acoustic receivers to follow the fish as they move downstream. The researchers would also use boat electrofishing equipment to count predators in several reaches, but they would not use that equipment to capture any listed animals for handling an adult steelhead would be avoided in all cases. The researchers do not intend to kill any listed animals, but a small number may die as an inadvertent result of the planned activities.

This notice is provided pursuant to section 10(c) of the ESA. NMFS will evaluate the applications, associated documents, and comments submitted to determine whether the applications meet the requirements of section 10(a) of the ESA and Federal regulations. The final permit decisions will not be made until after the end of the 30-day comment period. NMFS will publish notice of its final action in the **Federal Register**.

Dated: January 10, 2018.

**Angela Somma,**

Chief, Endangered Species Division, Office of Protected Resources, National Marine Fisheries Service.

[FR Doc. 2018-00602 Filed 1-12-18; 8:45 am]

**BILLING CODE 3510-22-P**

## DEPARTMENT OF DEFENSE

### Department of the Army

#### Notice of Availability of Government-Owned Inventions; Available for Licensing

**AGENCY:** Department of the Army, DoD.

**ACTION:** Notice.

**SUMMARY:** The inventions listed below are assigned to the United States (U.S.) Government as represented by the Secretary of the Army and are available for licensing by the Department of the Army (DoA):

- U.S. Patent Number 7,812,366 entitled “Ultraviolet Light Emitting AlGaIn Composition, and Ultraviolet Light Emitting Device Containing Same”, Inventors Sampath et al., Issue date October 12, 2010.
- U.S. Patent Number 8,564,014 entitled “Ultraviolet Light Emitting AlGaIn Composition and Ultraviolet Light Emitting Device Containing Same”, Inventors Sampath et al., Issue date October 22, 2013.
- U.S. Patent 7,498,182 entitled “Method of Manufacturing an AlGaIn Composition and Ultraviolet Light Emitting Device Containing Same”, Inventors Sampath et al., Issue Date March 3, 2009.

The novel claims of these patents are not specific to the growth method used in the production of Ultraviolet (UV) Light Emitting Diodes (LEDs) and apply to any Aluminum Gallium Nitride (AlGaIn) composition containing self-assembled nanometer-scale compositional inhomogeneities that are localized in more than one dimension, and includes wells, dots, and wires. These patents are relevant to a large portion of semiconductor UV LED industry, which employ some degree of nanoscale compositional inhomogeneity to enhance ultraviolet light emission, regardless of growth method. Further, a semiconductor UV light emitting device having an active region layer comprised of the AlGaIn composition is provided, as well as a method of producing the AlGaIn composition and semiconductor UV light emitting device, involving molecular beam epitaxy.

**DATES:** Request for supplemental information should be made prior to March 31, 2018.

**ADDRESSES:** Request for supplemental information, including licensing application packages and procedures should be directed to John Millemaci, 301-645-6637, [jmillemaci@etcmd.com](mailto:jmillemaci@etcmd.com), Energetics Technology Center (ETC), 4185 Indian Head Highway, Indian Head, MD 20640.

**FOR FURTHER INFORMATION CONTACT:** U.S. Army Research Laboratory Technology Transfer Office, RDRL-DPP/Thomas Mulkern, Building 321 Room 110, Aberdeen Proving Ground, MD 21005-5425. Phone: (410) 278-0889, Email: [ORTA@arl.army.mil](mailto:ORTA@arl.army.mil).

**SUPPLEMENTARY INFORMATION:** The U.S. Army intends to move expeditiously to license these inventions. Licensing application packages are available from ETC and all applications and commercialization plans must be returned to ETC by May 1, 2018. ETC is an authorized Department of Defense Partnership Intermediary per Authority 15 U.S.C. 3715. ETC will turn over all completed applications to the U.S. Army for evaluation by May 28, 2017, with final negotiations and awards occurring during the months of June and July, 2018. The U.S. Army will consider requests for nonexclusive, partially exclusive, and fully exclusive licenses in the U.S. and may prefer to grant an exclusive license to a company capable of broad commercialization as well as patent maintenance and enforcement within the U.S.

The DoA intends to ensure that its licensed inventions are broadly commercialized throughout the United States.

**Brenda S. Bowen,**

Army Federal Register Liaison Officer.

[FR Doc. 2018-00609 Filed 1-12-18; 8:45 am]

**BILLING CODE 5001-03-P**

## DEPARTMENT OF DEFENSE

### Department of the Army

#### Advisory Committee on Arlington National Cemetery, Honor Subcommittee; Meeting Notice

**AGENCY:** Department of the Army, DoD.

**ACTION:** Notice of open subcommittee meeting.

**SUMMARY:** The Department of the Army is publishing this notice to announce the following Federal advisory subcommittee meeting of the Honor subcommittee of the Advisory Committee on Arlington National

Cemetery (ACANC). This meeting is open to the public. For more information about the Committee and the Subcommittees, please visit: <http://www.arlingtoncemetery.mil/About/Advisory-Committee-on-Arlington-National-Cemetery/ACANC-Meetings>.

**DATES:** The Honor subcommittee will meet on Tuesday, January 30, 2018 from 9:00 a.m. to 12:00 p.m.

**ADDRESSES:** The Honor Subcommittee will meet in the Stars Conference Room, Sheraton Pentagon City Hotel, 900 S. Orme St., Arlington, VA 22204.

**FOR FURTHER INFORMATION CONTACT:** Mr. Timothy Keating; Alternate Designated Federal Officer for the subcommittees, in writing at Arlington National Cemetery, Arlington VA 22211, or by email at [timothy.p.keating.civ@mail.mil](mailto:timothy.p.keating.civ@mail.mil), or by phone at 1-877-907-8585.

**SUPPLEMENTARY INFORMATION:** This subcommittee meeting is being held under the provisions of the Federal Advisory Committee Act of 1972 (5 U.S.C., Appendix, as amended), the Sunshine in the Government Act of 1976 (U.S.C. 552b, as amended) and 41 Code of the Federal Regulations (CFR 102-3.150).

*Purpose of the Meetings:* The Advisory Committee on Arlington National Cemetery is an independent Federal advisory committee chartered to provide the Secretary of the Army independent advice and recommendations on Arlington National Cemetery, including, but not limited to, cemetery administration, the erection of memorials at the cemetery, and master planning for the cemetery. The Secretary of the Army may act on the committee's advice and recommendations. The primary purpose of the Honor subcommittee is to accomplish an independent assessment of methods to address the long-term future of the Army national cemeteries, including how best to extend the active burials and what ANC should focus on once all available space is used.

*Agenda:* The Honor subcommittee will receive an update on the results of a national dialogue public survey conducted as a result of Public Law 114-158. The subcommittee will subsequently conduct a roundtable discussion with visiting guests and study suggestions in consideration of a second survey. The subcommittee will then report its deliberations and findings to the full committee.

*Public's Accessibility to the Meeting:* Pursuant to 5 U.S.C. 552b and 41 CFR 102-3.140 through 102-3.165, and the availability of space, this meeting is open to the public. Seating is on a first-come basis. The Stars Conference room