

Abandoned and Derelict Vessels (ADV) removal project and Law 35 Progress

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ADV Removal Project- A
grant managed by Isla
Mar Research
Expedition

Setting the baseline for
a marine debris-free
Puerto Rico

REEL E' GOOD SEA
SERVICES CORPORATION



Scope of Work

ADV
Removal

School Art
Contest

Talks on
Corals and
ADV impact

Sculptures
to highlight
the problem

Boaters
orientation



ADV Removal

- Proposed 70 on the 103 in inventory on 2022. Began in 2024 after Environmental compliance was completed. We found more targets and targets' conditions has change.



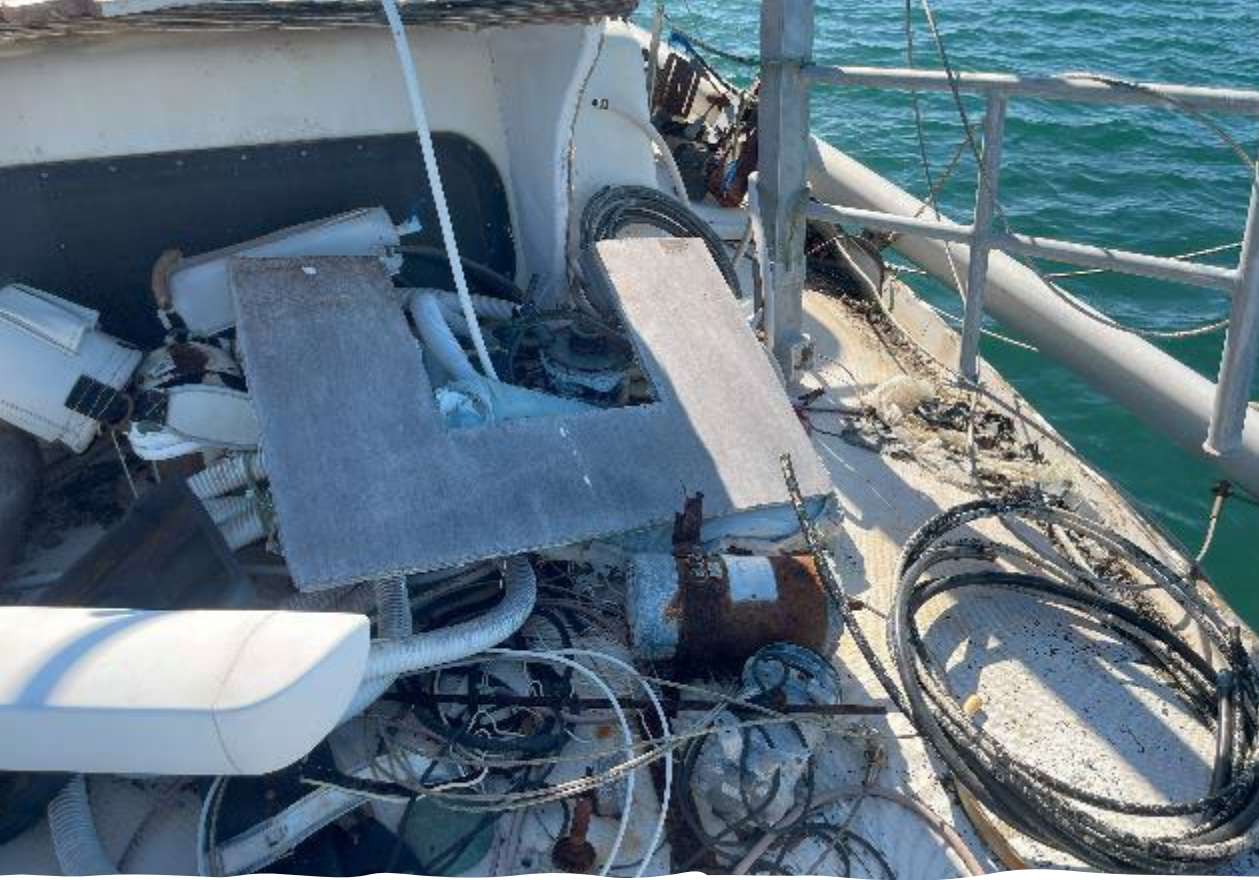
Data: US, NOAA, U.S. Navy, NGA, GEBCO
Image: Landsat / Copernicus
Data: LDEO-Columbia, NSF, NOAA

Imagery Data

ADV Removal process



Sticker is placed based on Law 35, identifying them as ADV, floating or partially sunken.



Outcome of the sticker

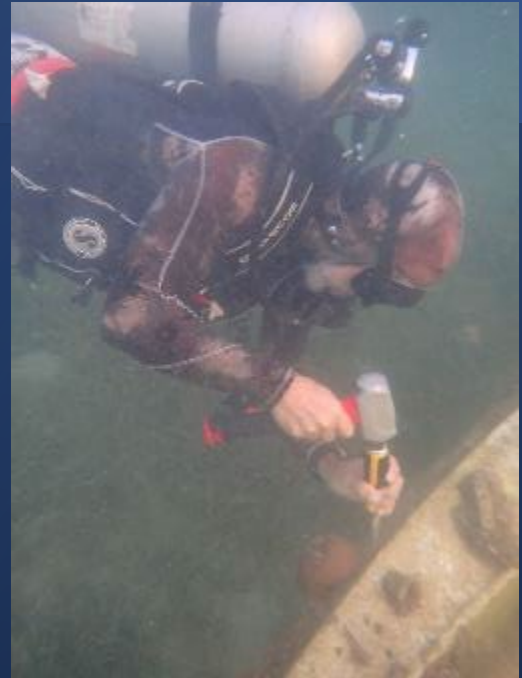
An owner comes forward claiming the vessel. Establish contact with owner.

Outcome of the sticker



Interested third party comes forward and is oriented on the process to claim the vessel. The vessel is not removed by the project

REMOVAL



16 Targets: 7 Aguadilla, 2 Isabela, 2 Cabo Rojo, 5 Lajas

ISLA MAR PRESENTA:

CREANDO ARTE Y LIMPIANDO EL MAR



PARA TODAS
LAS EDADES
DE ESCUELA
PRIMARIA



¡PÓNGASE CREATIVO PARA AYUDAR A EDUCAR Y
PREVENIR LOS DESECHOS MARINOS!

**ABIERTO A TODAS LAS ESCUELAS
DEL MUNICIPIO DE LAJAS.**

¡PREMIO PARA EL GANADOR!

Premios y
regalos para
estudiantes



¡Arte presentado
en una galería
local!



¡El ganador
aparece en
las noticias!

¡GRATIS PARA PARTICIPAR!

Información:
outreach@islam.org

School Art contest & Talks

Not much engagement
through school direct
contact. Seeking
municipality support.

Use of materials from
ADV removed 50%



Comissioned sculptures

- Made with recycle material from the removed ADVs
- 4: Lajas, Fajardo, Salinas and Aguadilla or Isabela



Prepárate para el temporal

Protege tu embarcación

Planifica:

- **Orientate** sobre lo que incluye tu cubierta con tu compañía de seguro. Actualiza tu póliza de seguro e inspecciona la embarcación para detectar daños.
- Haz un plan para asegurar tu embarcación en época de tormentas.
- Mantente informado sobre las condiciones climatológicas.

Asegura ante la tormenta:

- **Fuera del agua:** amárrala de forma segura, quítale el tapón y baja los motores. De estar en tierra, puedes vaciarle las gomas al carretón.
- **En muelle:** amarra la capota, baja los motores y coloca defensas y amarres adicionales.
- **Anclada en orilla:** Muévela a un área protegida, dobla las líneas de amarre y usa múltiples anclas.

Para prevenir daños, retira del bote:

- Equipos electrónicos.
- Objetos de valor.
- El mástil de ser posible.
- Otros equipos y accesorios removibles

Prepárate ante posibles daños:

- Lleva a casa documentos importantes
- Toma fotos de todo el equipo.

Temporada de huracanes en Puerto Rico

1 de junio a 30 de noviembre

Temporada alta de huracanes agosto - octubre

En caso de encallamiento, llama al DRNA 787-999-2200 Ext. 2910 o 2911



IMPACTOS POR ENCALLAMIENTOS EN LOS ECOSISTEMAS

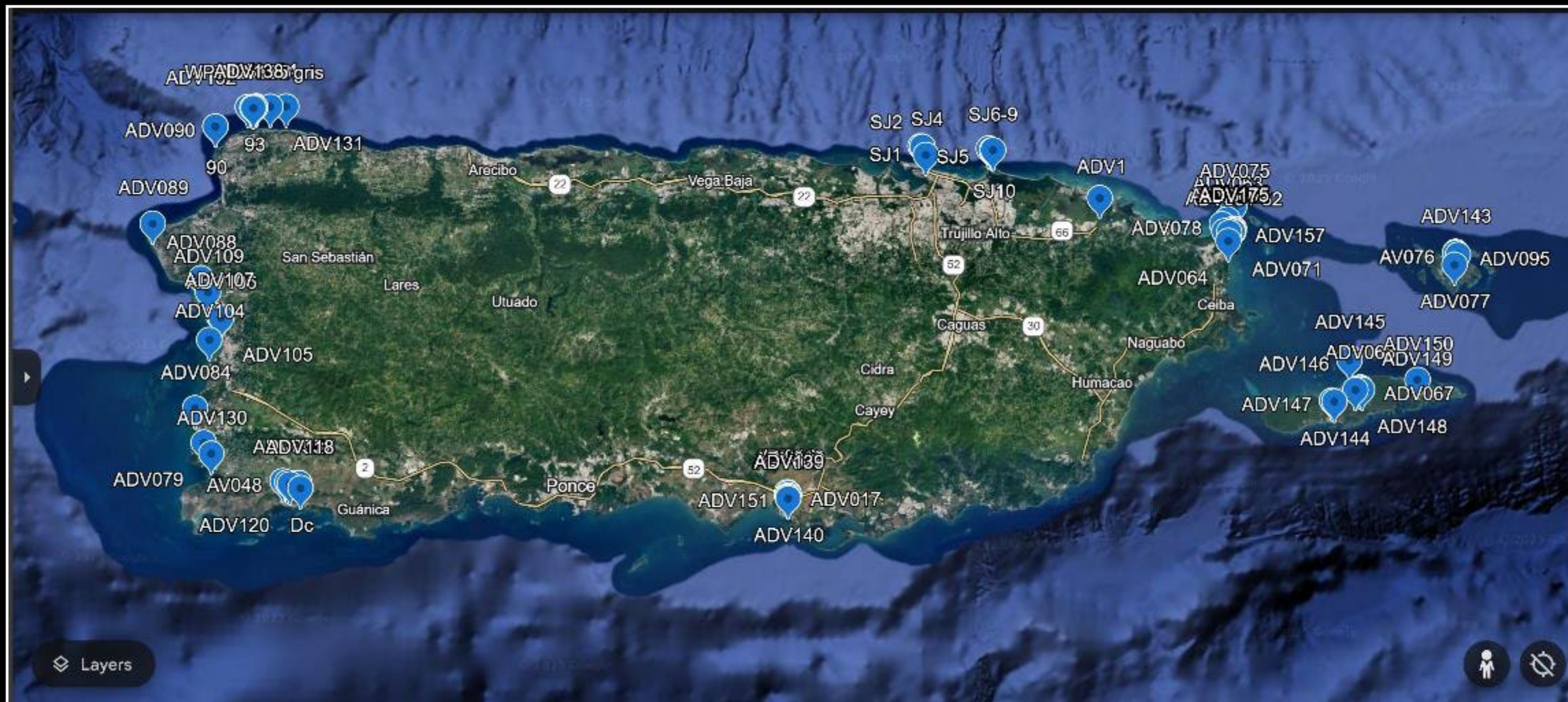
Los encallamientos pueden:

- Destruir los arrecifes de coral.
- Dañar las hierbas marinas.
- Contaminan el agua.
- Destruir áreas de anidación de tortugas marinas.

En caso de encallamiento

- Si la embarcación sufre desperfectos mecánicos, tira el ancla antes de encallar.
- Pon tu embarcación en el cambio neutro y apaga el motor. Asegúrate de que los tripulantes están bien.
- Si la embarcación no sale fácilmente, notifica al Cuerpo de Vigilantes del DRNA el suceso.
- Un equipo técnico del DRNA evaluará el incidente para identificar la mejor ruta de remoción y minimizar los daños al ecosistema.
- Una vez el Vigilante y/o equipo científico te den el visto bueno, procede a coordinar la remoción de la embarcación.

Según el Artículo 7 del Reglamento 8809 de Arrecifes de Corales están prohibidos los siguientes actos: Remover y/o dañar un coral, contaminar con basura y anclar o amarrar un vehículo de navegación sobre arrecifes de coral o yerbas marinas.



Seeking for other communication venues

Billboard for
outreach and
awareness
activities



Law 35 of 18 January 2024 Implementation in progress

- Amend the Navigational Law to include the definition of an abandoned vessel, and the processes to manage them. Abandoned vessel is a vessel that has one or more of the following conditions:
 - Registration expired for six (6) months or more;
 - Has no way of being identified (PR, hull #, name);
 - its owner cannot be located through government databases;
 - is illegally moored to a buoy;
 - is located at a dock or port without the corresponding authorization;
 - is located in unauthorized anchorage points;
 - is docked, stranded, sunk or partially sunk;
 - obstructs navigational channels;
 - represents a risk to public health or ecosystems;
 - is in a noticeably advanced condition of deterioration such as scrap metal, substantially damaged or dismantled; among other circumstances.



Importance



“Adopted”:
Avoid filling landfills
Recycle
Less impact to natural resources
Available funds can address other targets

PREVENTION IMPACT OF LAW 35

- Law 35 provides a more define process for a private person to claim an abandoned boat while it is still in “good condition”. But the implementation presents some challenges:
- Certification required that didn’t exist.
- Clear process to follow.
- Fines- who pay them



- ❖ Drafted SOP and shared for comments with involved agencies.
- ❖ Meeting with the Department of Justice and Marine Unit of the Security Department (FURA) to address certification.
- ❖ Engage DNER Navigational Commisioner Office to validate the process and proposed SOP.
- ❖ Checklist and package for interested persons to facilitate the process drafted with detail information.



PREVENTION- DNER's rangers

- Workshop on Law 35.
- They will be alert on ADV presence during their patrolling. Encourage not to provide additional fines and contact the owner as a first step to ADV identification.
- Form to document ADV to facilitate future process (third party claim or removal)
- Preliminary discussion on how to deal with the fines with the DNER Administration. Work the system to attach fine to owner, not vessel.

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Nest steps & closing remarks

- Next targets to be removed are San Juan and Isleta Marina.
- As the project progresses awareness is created. We are hoping the amount of ADV will decrease as more people engage in claiming them through Law 35.
- We are discussing the potential use of Law 35 by marinas as an alternative to unreachable debtor clients.
- Evaluating ways to share the Google layer of ADV with the public, and how to receive and add information to it.





THANKS

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