

Operation Evergreen – Concept of Operations

Contents:

- I. Overview
- II. Situation as of 9/19/2017
- III. Proposed Solution: Operation Evergreen
- IV. Timeline
- V. Budget
- VI. Risks

I. Overview

YachtAid Global is uniquely qualified to provide relief to the Turks and Caicos which were affected by Hurricane Irma, and soon hurricane Maria. Having worked since its inception with Yacht Owners to respond to rapid-onset disasters, including the earthquake in Ecuador, Typhoon Pam in Vanuatu, etc. YachtAid Global is well positioned to make a difference at the strategic level, enabling aid delivery to the areas most in need.

Per our conversations with government entities and coordinating agencies, those needs which we intend to satisfy include the delivery of food and water.

YachtAid Global works with experts at NGO, Private Sector, Government, Military and Academic partners to vet shipments of aid materials from the US and abroad, ensuring that only those items that are needed are delivered to the dedicated coordination points.

II. Situation (September 19, 2017)

- **Maria:** Maria is greatly complication all relief efforts. She has maintained cat 5 strength after a brief drop to cat 4 after Dominica landfall. There is still very little info coming out of Dominica. Maria is expect to brush the US Virgin Islands late night the 19th and make landfall on the SE coast of Puerto Rico as a cat 5 and then moving NW of PR into the Atlantic and posing a threat to TCI.
- Several organizations and Governments are deploying pre-positioned teams and supplies and assessments have begun in some areas.
- Current logistical details:
 - **Demand signal** from governments and NGOs is strong, and immediate relief is needed. We expect Maria to enhance the demand signals
 - **Customs clearance** to be granted by DDME
 - **Last mile**, inter-island transportation is pending further evaluation.

III. Proposed Solution: Evergreen

Dorothea III (D3) is a 147 ft long Marshall Islands flagged yacht towing a 45 ft speed boat named Post One. She took aboard food items in Panama and is currently holding at a safe Colombian anchorage until hurricane Maria clears the area.

Cargo aboard:

- D3 is carrying approximately 15,000 lbs of shelf stable food items aboard. These food items will be discharged at a location as directed by DDME. We are looking to discharge directly into the most highly impacted arear of TCI.

Fresh water:

- D3 can make fresh water at the rate of 400 gallons per hour. If along side the customs pier on GT she can pump water ashore at the rate of about 35 gallons per minute into a tanker truck or into small portable containers or tanks. This watering operation can also be completed at anchor as long as there are containers to transfer the water.

Communications:

- D3 has broadband satellite communications equipment aboard. Islanders can go to the boat at the dock and can connect to the system by wifi and make phone calls. We anticipate a maximum of 10 connected devices at any given time. This can also be done from the anchorage.

Electricity:

- D3 can put about 90 electrical outlets on the pier. These will be 110 volt 60 hz outlets. They can also pass the same over to small boats if D3 will be at anchor.

Inter-Island Operations

- Post One can be used to move cargo and people between islands.
- D3 can also do the same if there is a demand for this service.

Resources Needed

- Direction from DDME and NGO partners on the ground in TCI.

IV. Timeline

- Sept 20-25 – Gather Needs Assessments from DDME and partner NGO's
- Sept 21 – Secure duty waiver from DDME for discharge of food items
- Sept 21 - Secure permission and tasking from DDME for D3 to conduct operations
- Sept 25 – D3 arrives into TCI to be confirmed as she gets closer
- Sept 25/26 – D3 to discharge food items
- Sept 27 – Depart for Florida or conduct water, power, communications, cargo ops as directed by DDME and NGO partners

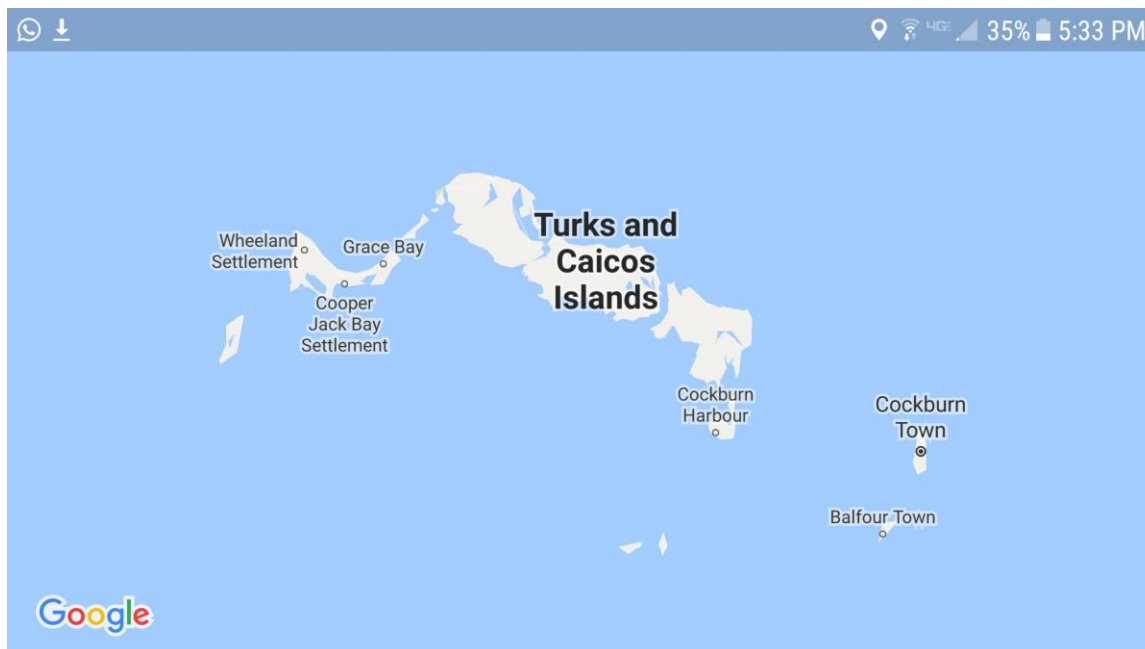
V. Budget and Details

- No cost. D3 and all she carries aboard is a donated asset.

VI. Risks

- Shallow draft operating areas
- Sunken Debris
- Weather issues

Appendix: Concept of Operations Map



Key Stakeholders

www.yachtaidglobal.org

www.gotlift.org

DART

Motor Yacht Dorothea III - Captain, Crew and Owners

Other NGO partners to be determined