

PRELIMINARY CRUISE REPORT

U.S. Dept. of State CRUISE No.:	F2019-073
SHIP NAME:	<i>SSV Corwith Cramer</i>
OPERATING INSTITUTE OR AGENCY:	Sea Education Association
PROJECT TITLE:	SEA Cruise C-289A
CRUISE DATES (INCLUSIVE):	30 December 2019 – 6 January 2020

CHIEF SCIENTIST:	
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CLEARANCE COUNTRIES:	U.S.A., U.S. Virgin Islands, British Virgin Islands (U.K.)
NON-U.S. PARTICIPANTS:	1 (Yizhe Chen; Pennsylvania State University student from China traveling with F-1 visa)

DESCRIPTION OF SCIENTIFIC PROGRAM (Figure 1 shows cruise track):	
<ol style="list-style-type: none"> 1. Biological studies of neuston and mid-depth organisms. 2. Physical oceanographic studies of open-ocean waters. 3. Chemical oceanographic studies of open-ocean waters. 4. Distribution of petrochemical pollutants (tar and plastic). 5. Geological bottom sampling (CHIRP sub-bottom profiler and shipek grab). 	

SCHEDULE OF DATA DELIVERY:	
Data Description	Date of Expected Delivery to Dept. of State
Zooplankton samples – 7 stations	1 March 2020
Phytoplankton samples – 6 stations	1 March 2020
Sea surface temperature, salinity, chlorophyll <i>a</i> , pH, and PO ₄ – 15 stations	1 March 2020
CTD data – 5 stations	1 March 2020
Water chemistry samples of the upper ~600 m – 4 stations	1 March 2020
Secchi disk – 2 stations	1 March 2020
Shipek grab samples – 2 stations	1 March 2020
ADCP and CHIRP data (collected throughout ~350nm cruise track; Figure 1)	1 March 2020

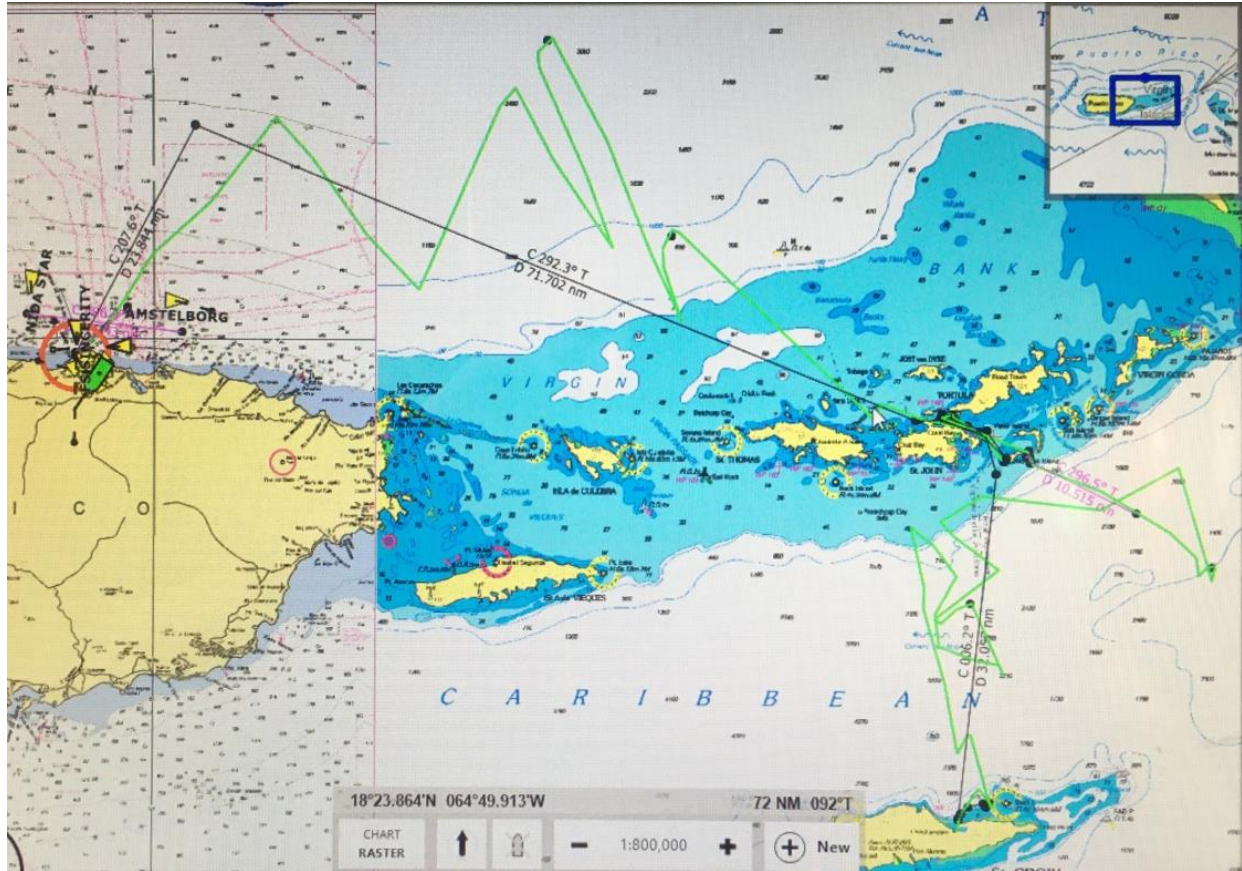


Figure 1. Cruise track of SSV *Corwith Cramer* Cruise C289A, shown in solid green line. The cruise began in Christiansted, St. Croix, U.S. Virgin Islands on 30 December 2019, and ended in San Juan, Puerto Rico on 6 January 2020. Scientific sampling occurred within territorial waters of both the British Virgin Islands and the United States.