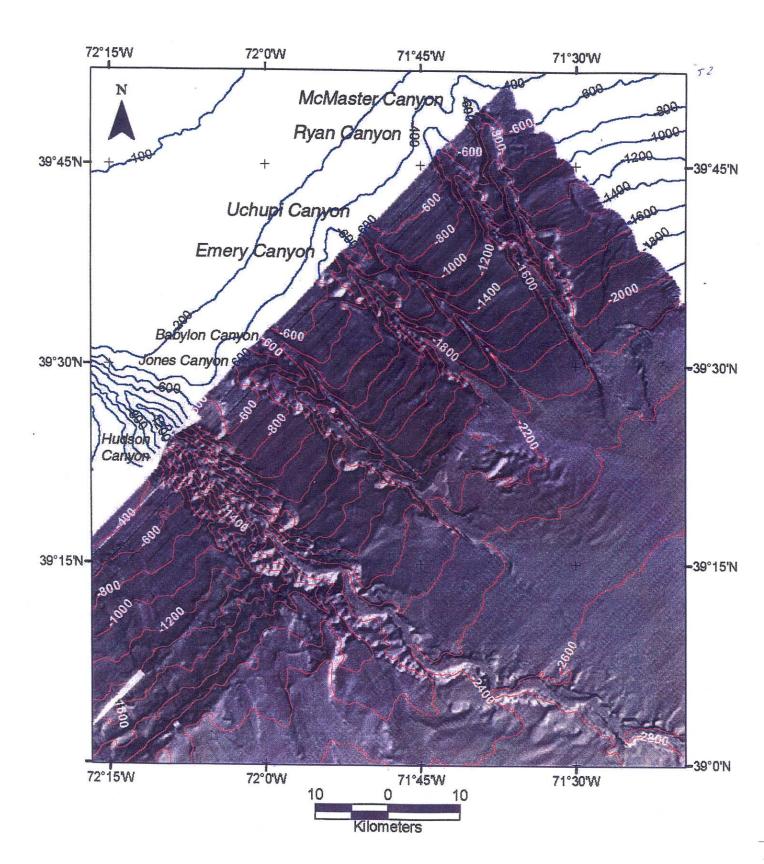
UNITED STATES BOARD ON GEOGRAPHIC NAMES UNDERSEA FEATURE NAME PROPOSAL

LOCATION: Continental margin east coast North America Ocean or Sea: North Atlantic Ocean Coordinates: point feature or center point: linear feature (from)	NAME PROPOSED: E					
Ocean or Sea: North Atlantic Ocean Coordinates: point feature or center point:	LOCATION: Continent	tal margin east coast N	orth America			
point feature or center point: Lat. Long. Long. 71-54W 50 M Linear feature (from) Lat. 39-40N Long. 71-54W 50 M Long. 71-54W 1000 M Long. 71-54W 1000 M Long. 71-64W 1						
point feature or center point: linear feature (from)	Coordinates					
Ilinear feature (to):		ntor noint:	1940	W1252527		
Ilinear feature (to):	linear feature /from	nter point	Lat. 20 40M	Long.	· · ·	20 PMD289
linear feature (to):	linear feature (to-n	nidpoint or turning poin	Lat39-40N	Long/1-54W	50° M	Contour
areal feature - Northeast corner:	linear feature (to-i	indpoint or turning poin	II)Lat39-34N	Long/1-48VV	_ 1000 W	
- Southeast corner:	areal feature - No	rthaget corner	Lat59-25N	Long/1-31VV	-9	
- Southwest corner:	- 50	utheast corner	Lat	Long		
DESCRIPTION: Feature type: Submarine Canyon Size and shape: Depth (max. and min.): 400 - 2250 m Steepness, etc.: Associated features: CHART OR MAP REFERENCE: Name and feature shown on: Feature shown but not named on: REASON FOR CHOICE OF NAME: K.O. Emery, 1914-1998, Geophysicist, marine geologist; Univ of So California 1945-1962; Woods Hole Oceanographic institution, 1962-1979; Nat'l Acad. Sciences; Studied submarine canyons among many worldwide issues; led major geological exploration and mapping of the U.S. east-coast continental margin sediments and structure, 1960s. DISCOVERY FACTS: Date: Aug-Sep 2002 Discoverer (individual, ship): Canyon defined by precision multibeam echosounding survey aboard NOAA ship Ronald H. Brown, August 2002. Sounding equipment used: multibeam bathymetric system, Navigation type: GPS Estimated horizontal accuracy: ± n.m./km Track spacing, crossings: SUPPORTING MATERIALS: Please enclose references, reprints profiles, maps, etc. Shaded relief image of Ron Brown bathymetry, with contours at 100 m interval. SUBMITTED BY: James Robb Organization and address:: U.S. Geological Survey Coastal and Marine Geology Program 384 Woods Hole Road Woods Hole, MA 02543 Please mail to: Executive Secretary US Board on Geographic Names National Geospatial-Intelligence Agency 4600 Sangamore Road Mail Stop D-167	- 50	uthwest corner	l at	Long		
DESCRIPTION: Feature type:_Submarine Canyon	- No	rthwest corner	l at	Long		
Size and shape: Depth (max. and min.); 400 - 2250 m Steepness, etc.:		tumoot oor normanii.	Lat.	Long	_	
Depth (max. and min.); 400 - 2250 m Steepness, etc.: Associated features: CHART OR MAP REFERENCE: Name and feature shown on: Feature shown but not named on: REASON FOR CHOICE OF NAME: K.O. Emery, 1914-1998, Geophysicist, marine geologist; Univ of So California 1945-1962; Woods Hole Oceanographic Institution, 1962-1979; Nat'l Acad. Sciences; Studied submarine canyons among many worldwide issues; led major geological exploration and mapping of the U.S. east-coast continental margin sediments and structure, 1960s. DISCOVERY FACTS: Date: Aug-Sep 2002 Discoverer (individual, ship): Canyon defined by precision multibeam echosounding survey aboard NOAA ship Ronald H. Brown, August 2002. Sounding equipment used: multibeam bathymetric system Navigation type: GPS Estimated horizontal accuracy: \$\frac{1}{2}\$ n.m./km Track spacing, crossings: SUPPORTING MATERIALS: Please enclose references, reprints profiles, maps, etc. Shaded relief image of Ron Brown bathymetry, with contours at 100 m interval. SUBMITTED BY: James Robb_ Organization and address: U.S. Geological Survey Coastal and Marine Geology Program 384 Woods Hole Road Woods Hole, MA 02543 Please mail to: Executive Secretary US Board on Geographic Names National Geospatial-Intelligence Agency 4600 Sangamore Road Mail Stop D-167	the state of the s					
Depth (max. and min.); 400 - 2250 m Steepness, etc.: Associated features: CHART OR MAP REFERENCE: Name and feature shown on: Feature shown but not named on: REASON FOR CHOICE OF NAME: K.O. Emery, 1914-1998, Geophysicist, marine geologist; Univ of So California 1945-1962; Woods Hole Oceanographic Institution, 1962-1979; Nat'l Acad. Sciences; Studied submarine canyons among many worldwide issues; led major geological exploration and mapping of the U.S. east-coast continental margin sediments and structure, 1960s. DISCOVERY FACTS: Date: Aug-Sep 2002 Discoverer (individual, ship): Canyon defined by precision multibeam echosounding survey aboard NOAA ship Ronald H. Brown, August 2002. Sounding equipment used: multibeam bathymetric system Navigation type: GPS Estimated horizontal accuracy: \$\frac{1}{2}\$ n.m./km Track spacing, crossings: SUPPORTING MATERIALS: Please enclose references, reprints profiles, maps, etc. Shaded relief image of Ron Brown bathymetry, with contours at 100 m interval. SUBMITTED BY: James Robb_ Organization and address: U.S. Geological Survey Coastal and Marine Geology Program 384 Woods Hole Road Woods Hole, MA 02543 Please mail to: Executive Secretary US Board on Geographic Names National Geospatial-Intelligence Agency 4600 Sangamore Road Mail Stop D-167	Feature type: Sub	marine Canyon	Si	ze and shape:		
CHART OR MAP REFERENCE: Name and feature shown on: Feature shown but not named on: REASON FOR CHOICE OF NAME: K.O. Emery, 1914-1998, Geophysicist, marine geologist; Univ of So California 1945-1962; Woods Hole Oceanographic Institution, 1962-1979; Nat'l Acad. Sciences; Studied submarine canyons among many worldwide issues; Jed major geological exploration and mapping of the U.S. east-coast continental margin sediments and structure, 1960s. DISCOVERY FACTS: Date: Aug-Sep 2002 Discoverer (Individual, ship): Canyon defined by precision multibeam echosounding survey aboard NOAA ship Ronald H. Brown, August 2002. Sounding equipment used: multibeam bathymetric system Navigation type: GPS Estimated horizontal accuracy: ± n.m./km Track spacing, crossings: SUPPORTING MATERIALS: Please enclose references, reprints profiles, maps, etc. Shaded relief image of Ron Brown bathymetry, with contours at 100 m interval. SUBMITTED BY: James Robb_ Organization and address: U.S. Geological Survey Coastal and Marine Geology Program_ 384 Woods Hole Road Woods Hole, MA 02543 Please mail to: Executive Secretary US Board on Geographic Names National Geospatial-Intelligence Agency 4600 Sangamore Road Mail Stop D-167	Depth (max, and m	in.): _400 - 2250_m	Steepnes	ss, etc.:		
Name and feature shown on: Feature shown but not named on: REASON FOR CHOICE OF NAME: K.O. Emery, 1914-1998, Geophysicist, marine geologist; Univ of So California 1945-1962; Woods Hole Oceanographic Institution, 1962-1979; Nat'l Acad. Sciences; Studied submarine canyons among many worldwide issues; led major geological exploration and mapping of the U.S. east-coast continental margin sediments and structure, 1960s. DISCOVERY FACTS: Date: Aug-Sep 2002 Discoverer (individual, ship): Canyon defined by precision multibeam echosounding survey aboard NOAA ship Ronald H. Brown, August 2002. Sounding equipment used: multibeam bathymetric system_Navigation type: GPS Estimated horizontal accuracy: ±n.m./kmTrack spacing, crossings: SUPPORTING MATERIALS: Please enclose references, reprints profiles, maps, etc. Shaded relief image of Ron Brown bathymetry, with contours at 100 m interval. SUBMITTED BY:James Robb_ Organization and address: U.S. Geological Survey Coastal and Marine Geology Program_ 384 Woods Hole Road Woods Hole, MA 02543 Please mail to: Executive Secretary US Board on Geographic Names National Geospatial-Intelligence Agency 4600 Sangamore Road Mail Stop D-167	Associated feature	<u>s:</u>				
Name and feature shown on: Feature shown but not named on: REASON FOR CHOICE OF NAME: K.O. Emery, 1914-1998, Geophysicist, marine geologist; Univ of So California 1945-1962; Woods Hole Oceanographic Institution, 1962-1979; Nat'l Acad. Sciences; Studied submarine canyons among many worldwide issues; led major geological exploration and mapping of the U.S. east-coast continental margin sediments and structure, 1960s. DISCOVERY FACTS: Date: Aug-Sep 2002 Discoverer (individual, ship): Canyon defined by precision multibeam echosounding survey aboard NOAA ship Ronald H. Brown, August 2002. Sounding equipment used: multibeam bathymetric system_Navigation type: GPS Estimated horizontal accuracy: ±n.m./kmTrack spacing, crossings: SUPPORTING MATERIALS: Please enclose references, reprints profiles, maps, etc. Shaded relief image of Ron Brown bathymetry, with contours at 100 m interval. SUBMITTED BY:James Robb_ Organization and address: U.S. Geological Survey Coastal and Marine Geology Program_ 384 Woods Hole Road Woods Hole, MA 02543 Please mail to: Executive Secretary US Board on Geographic Names National Geospatial-Intelligence Agency 4600 Sangamore Road Mail Stop D-167	CHART OR MAD DEED	DENCE.				
REASON FOR CHOICE OF NAME: K.O. Emery, 1914-1998, Geophysicist, marine geologist; Univ of So California 1945-1962; Woods Hole Oceanographic Institution, 1962-1979; Nat'l Acad. Sciences; Studied submarine canyons among many worldwide issues; led major geological exploration and mapping of the U.S. east-coast continental margin sediments and structure, 1960s. DISCOVERY FACTS: Date: Aug-Sep 2002						
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Univ of So California 1945-1962; Woods Hole Oceanographic Institution, 1962-1979.; Nat'l Acad. Sciences; Studied submarine canyons among many worldwide issues; led major geological exploration and mapping of the U.S. east-coast continental margin sediments and structure, 1960s. DISCOVERY FACTS: Date: Aug-Sep 2002	reature snown but	not named on:				
Estimated horizontal accuracy: ±n.m./km Track spacing, crossings: SUPPORTING MATERIALS: Please enclose references, reprints profiles, maps, etc. Shaded relief image of Ron Brown bathymetry, with contours at 100 m interval. SUBMITTED BY:James Robb Organization and address: _	DISCOVERY FACTS: Date: Aug-Sep 200 echosounding surv	apping of the U.S. east 2 <u>Discoverer (increy aboard NOAA ship F</u>	-coast continental marg dividual, ship): _Canyor Ronald H. Brown, Augus	in sediments and struct n defined by precision m st 2002.	ure, 1960s.	
Shaded relief image of Ron Brown bathymetry, with contours at 100 m interval. SUBMITTED BY:James Robb Organization and address: _	Estimated horizonta	al accuracy: ±	n.m./km Track spa	cing, crossings:		
Shaded relief image of Ron Brown bathymetry, with contours at 100 m interval. SUBMITTED BY:James Robb Organization and address: _	SUDDODTING MATER	IAI C. Diegos anal		320		
SUBMITTED BY:James Robb Organization and address:_ U.S. Geological Survey Coastal and Marine Geology Program_ 384 Woods Hole Road Woods Hole, MA 02543 Please mail to: Executive Secretary US Board on Geographic Names National Geospatial-Intelligence Agency 4600 Sangamore Road Mail Stop D-167	Shaded relief in	nage of Ron Brown bath	references, reprints pro nymetry, with contours :	itiles, maps, etc.		
Organization and address:			.,,, man dominano	ac roo in intorval.		
U.S. Geological Survey Coastal and Marine Geology Program 384 Woods Hole Road Woods Hole, MA 02543 Please mail to: Executive Secretary US Board on Geographic Names National Geospatial-Intelligence Agency 4600 Sangamore Road Mail Stop D-167	SUBMITTED BY:Jar	nes Robb				
Coastal and Marine Geology Program_ 384 Woods Hole Road Woods Hole, MA 02543 Please mail to: Executive Secretary US Board on Geographic Names National Geospatial-Intelligence Agency 4600 Sangamore Road Mail Stop D-167	Organization and ac	ldress:_				
384 Woods Hole Road Woods Hole, MA 02543 Please mail to: Executive Secretary US Board on Geographic Names National Geospatial-Intelligence Agency 4600 Sangamore Road Mail Stop D-167	U.S. Geological	Survey				
384 Woods Hole Road Woods Hole, MA 02543 Please mail to: Executive Secretary US Board on Geographic Names National Geospatial-Intelligence Agency 4600 Sangamore Road Mail Stop D-167	Coastal and Mar	rine Geology Program				
Please mail to: Executive Secretary US Board on Geographic Names National Geospatial-Intelligence Agency 4600 Sangamore Road Mail Stop D-167						
Executive Secretary US Board on Geographic Names National Geospatial-Intelligence Agency 4600 Sangamore Road Mail Stop D-167	Woods Hole, MA	A 02543	2			
Executive Secretary US Board on Geographic Names National Geospatial-Intelligence Agency 4600 Sangamore Road Mail Stop D-167	Please mail to:					
US Board on Geographic Names National Geospatial-Intelligence Agency 4600 Sangamore Road Mail Stop D-167		atany.				
National Geospatial-Intelligence Agency 4600 Sangamore Road Mail Stop D-167						
4600 Sangamore Road Mail Stop D-167			~~			
			107			



UNITED STATES BOARD ON GEOGRAPHIC NAMES UNDERSEA FEATURE NAME PROPOSAL

NAME PROPOSED: McMaster Canyon		
LOCATION: Continental margin east coast North	America	
Ocean or Sea: North Atlantic Ocean		
Coordinates:		
point feature or center point:	Lat.	Long
linear feature (from)	Lat 39-51N	Long 71-41W
linear feature (to-midpoint or turning point):	Lat 39-44N	Long 71-37W
linear feature (to):	Lat. 39-35N	Long. 71-31W
areal feature - Northeast corner:	l at	Long
- Southeast corner :	l at	Long
- Southwest corner:	l at	Long
- Northwest corner:	Lat	Long
DESCRIPTION:	0:-	the de-
Feature type: Submarine Canyon	Size and sha	ipe:
<u>Depth (max. and min.):</u> 400 - 2100 m	Steepness,	etc.:
Associated features: intersects with Ry	an Canyon (newly	named)
CHART OR MAR REFERENCE.		
CHART OR MAP REFERENCE:		
Name and feature shown on:		
Feature shown but not named on:		
submarine canyons;_guided many graduate s wide.	students who have	pursued these interests world
DISCOVERY FACTS:		
<u>Date:</u> Aug-Sep 2002 <u>Discoverer (individ</u>	lual ship). Canuar	a defined by our clair a sould!
echosounding survey aboard NOAA ship Rona	ald U Prown Augus	t defined by precision multipeam
Sounding equipment used: multibeam bathyn	notric system Nevi	action type: CDC
Estimated horizontal accuracy: ± n.m	/km Track spa	gation type: GPS
II.III	JKIII I I I I I I I I I I I I I I I I I	icing, crossings:
SUPPORTING MATERIALS: Please enclose refer	roncos ronrinto nro	files more ato
-Shaded relief image of Ron Brown bathym	ences, reprints pro	onles, maps, etc.
-Shaded Teller linage of Roll Brown Battlyin	ieu y, with contours	at 100 m interval.
SUBMITTED BY:James Robb		
Organization and address:		
U.S. Geological Survey		
Coastal and Marine Geology Program_		
384 Woods Hole Road		
Woods Hole, MA 02543		
Diagram well have		
Please mail to:		
Executive Secretary		
US Board on Geographic Names		
National Geospatial-Intelligence Agency		

4600 Sangamore Road Mail Stop D-167

Bethesda MD 20816-5003

UNITED STATES BOARD ON GEOGRAPHIC NAMES UNDERSEA FEATURE NAME PROPOSAL

OCATION: Continental margin east	t coast North America	
Ocean or Sea: North Atlantic Ocean	1	
Coordinates:		
noint feature or center naint	1 50	
point feature or center point: .	Lat	Long
linear feature (from) :	Lat39-48N	Long71-45W
intear reacure (to-intuponit of turi	ming point):Lat. 39-42N	Long. 71-39W
linear feature (to):	Lat39-30N	Long71-27W
areal feature - Northeast corner	:Lat	Long
- Southwest corner	r :Lat	Long
- Northwest corner	r· Lat	Long.
- Northwest corner	Lat	Long
DESCRIPTION:		
Feature type: Submarine Canyon	nSize and sha	ape:
Depth (max. and min.): 400 - 22	250 m Steepness	etc.:
Associated features:		
CHART OR MAP REFERENCE:		
Name and feature shown on:		
Name and feature shown on : Feature shown but not named on		
r satar s shown but not named on	L.	
scientist in geology at the Lamont-D and environmental sciences at Colu	oherty Earth Observatory, and a umbia University: authority mid-	adjunct professor of earth
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Bethesda MD 20816-5003

UNITED STATES BOARD ON GEOGRAPHIC NAMES UNDERSEA FEATURE NAME PROPOSAL

NAME PROPOSED: Uchupi Canyon			
LOCATION: Continental slope, east coast North Ame	rica		
Ocean or Sea: North Atlantic Ocean	ilica_		
Coordinates:			
point feature or center point:	Lat.	Long	
linear feature (from):	Lat. 39d 41mN	Long 71d 51mW	
linear feature (to-midpoint or turning point):	Lat. 39d 37mN	Long 71d 45mW	
linear feature (to):	Lat. 39d 27mN	Long 71d 34mW	
areal feature - Northeast corner:	Lat.	Long	
- Southeast corner:	Lat.	Long	
- Southwest corner:	Lat.	Long.	
- Northwest corner:	Lat.	Long	
DESCRIPTION:			
Feature type: _Submarine CanyonSize an	id shape:		
Depth (max. and min.): 800 - 2250	Steepness, etc.:		
Associated features:			
CHART OR MAP REFERENCE:			
Name and feature shown on:			
Feature shown but not named on :			
REASON FOR CHOICE OF NAME: Elazar Uchupi, (19	28-) geologist; scienti	st at Woods Hole	
Oceanographic Institution 1952 - present emeritus. O	reated first comprehen	sive bathymetric	
_contour map of US Atlantic continental margin (1965); extensive marine ged	ological research	
world wide			
		5	
DISCOVERY FACTS:			
<u>Date:</u> August 2002 <u>Discoverer (individual, ship)</u>	:_Canyon defined by_i	multibeam echosounding	
survey aboard NOAA Ship Ronald H Brown.			
Sounding equipment used:	Navigation type:		
Estimated horizontal accuracy: ±n.m./km	Track spacing, cros	ssings:	
6			
SUPPORTING MATERIALS: Please enclose reference	s, reprints profiles, map	os, etc.	
Shaded relief image of Ron Brown bathymetry, with co	ntours at 100 m interva	ıl.	
		40	
SUBMITTED BY:James Robb			
Organization and address:U.S. Geological Sur	vey, Woods Hole Scien	ce Center, Woods Hole, MA, 0	2543
Please mail to:			
Executive Secretary			
US Board on Geographic Names			

Bethesda MD 20816-5003