

Marine Harmful Algal Blooms: Research Status and Programmatic Needs

**Testimony of
Dr. Donald M. Anderson**

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before the

**Committee on Science and Technology
Subcommittee on Energy and Environment
U.S. House of Representatives**

**Hearing on “Harmful Algal Blooms: Challenges on the Nation’s Coastlines”
(July 10, 2008)**







DANGER

Area Closed

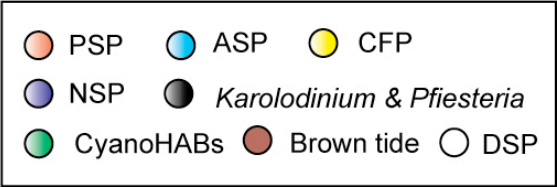
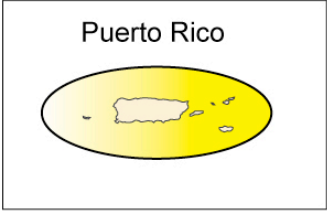
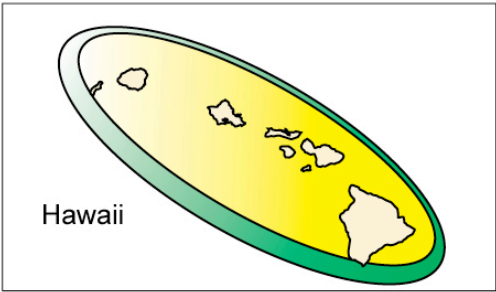
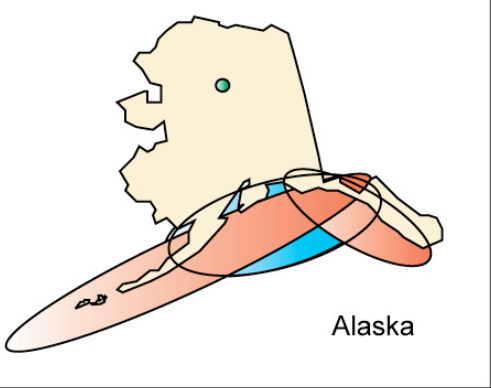
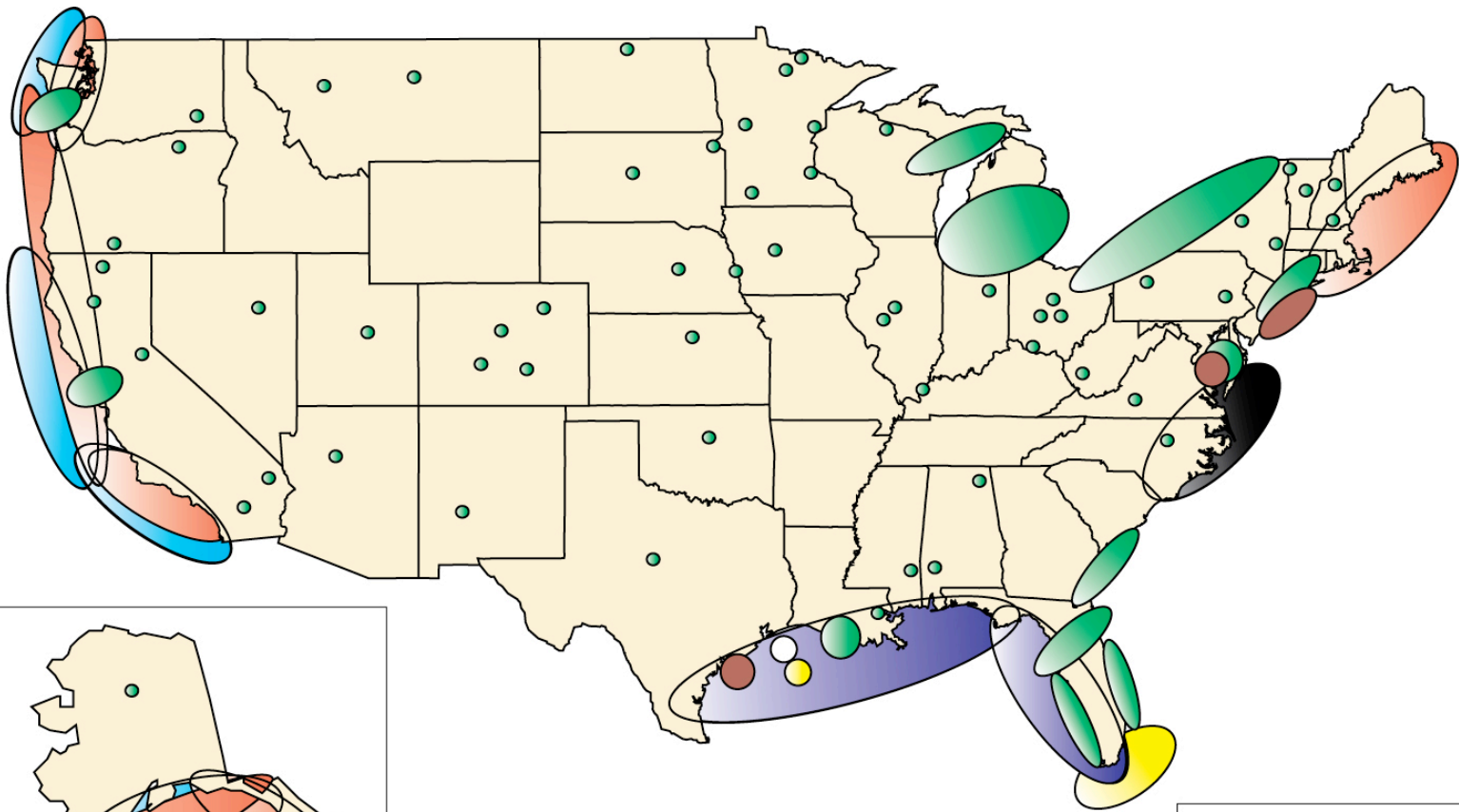
Shellfish (oysters, clams, mussels and other bivalve molluscs) in the area described below **contain paralytic toxins and are not safe for use as food.**

Secteur fermé

Les mollusques (huîtres, clams, moules et autres mollusques bivalves) provenant du secteur décrit ci-après **contiennent des toxines paralysantes et sont donc impropres à la consommation.**







Florida Red Tide: Part of the Local Ecosystem

**Sneezing?
Watery Eyes?
Coughing?**

Your symptoms may be related to Florida Red Tide.
Check Red Tide conditions and use common sense.
Going indoors should make you feel better.

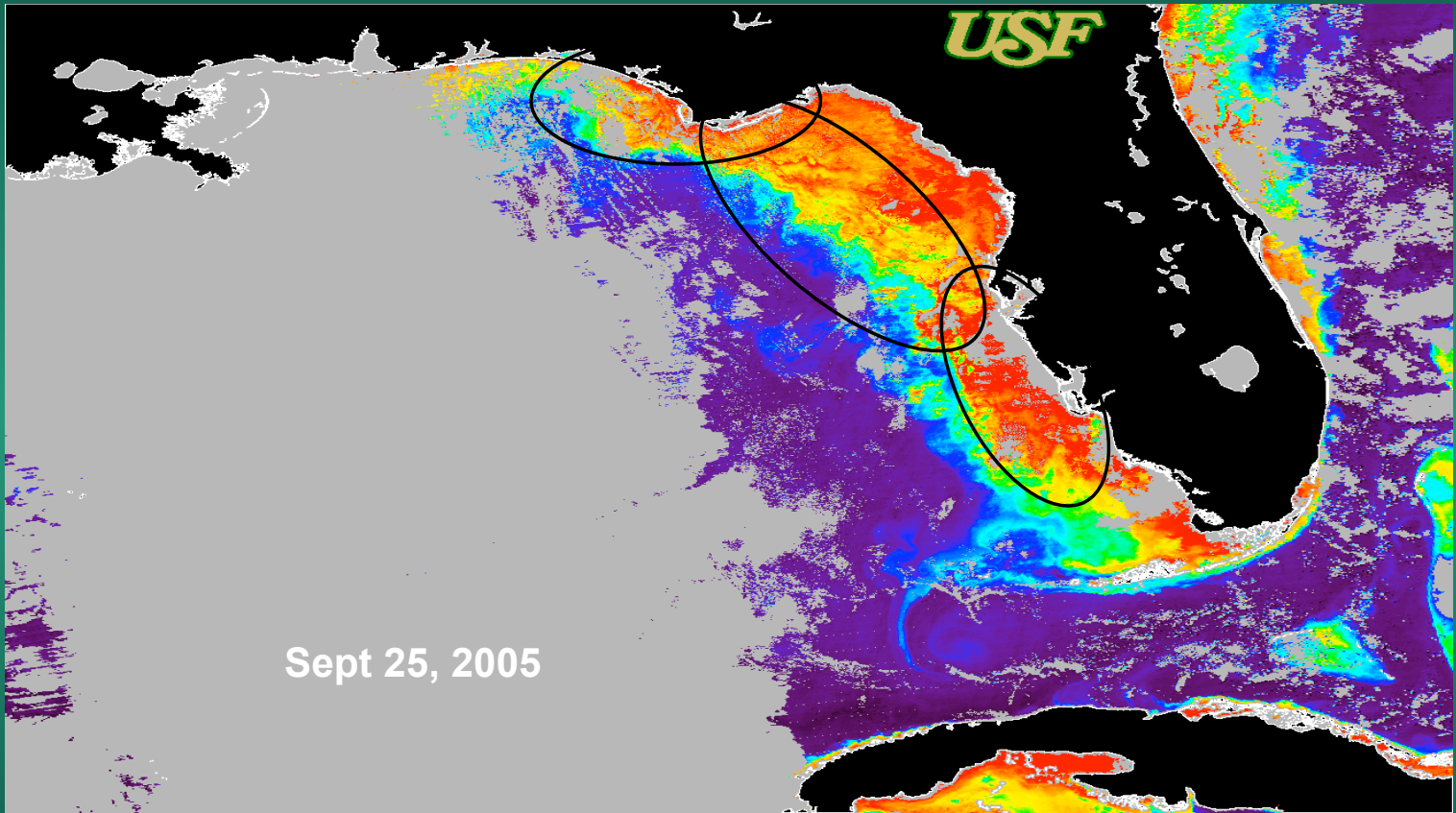
To speak to a health professional anytime, toll free,
call the Florida Red Tide Health Hotline.
1-888-232-8635

Breathe Easy During a Red Tide

S.T.A.R.T.
Solutions to Avoid Red Tide, Inc.
www.redtideonline.com

This informational material was funded by the Florida Department of Health with cooperation from the Centers for Disease Control and Prevention.

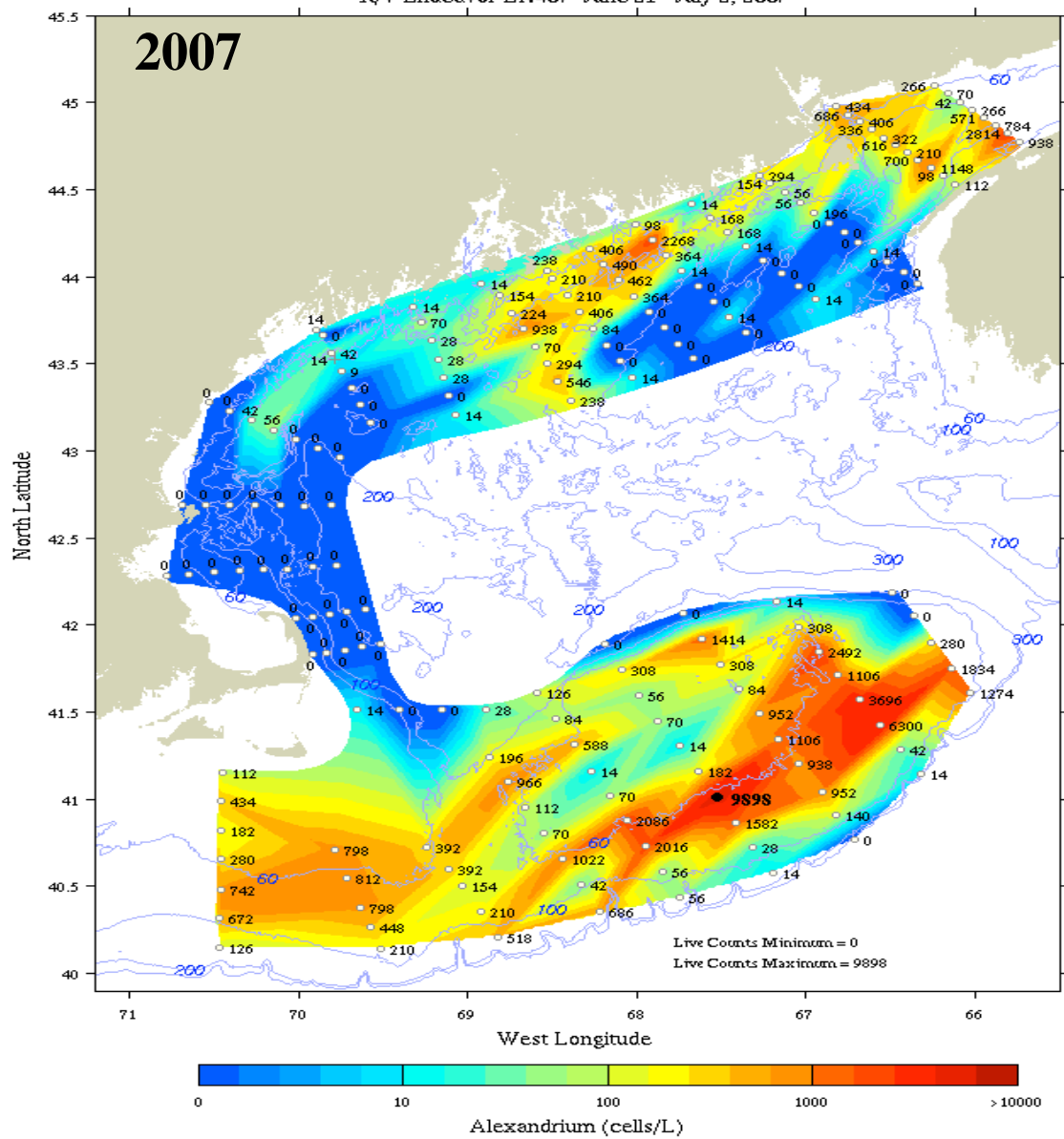


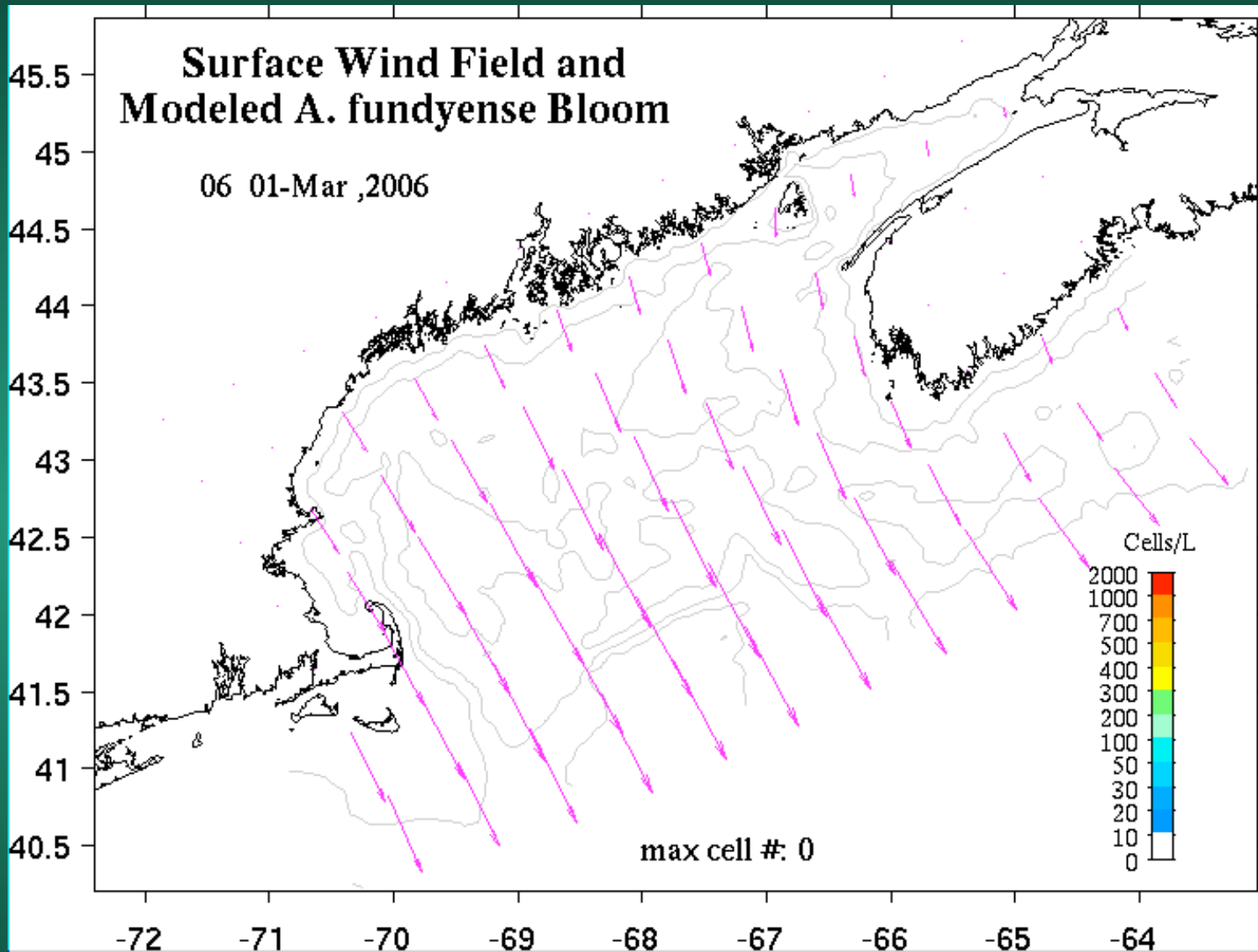


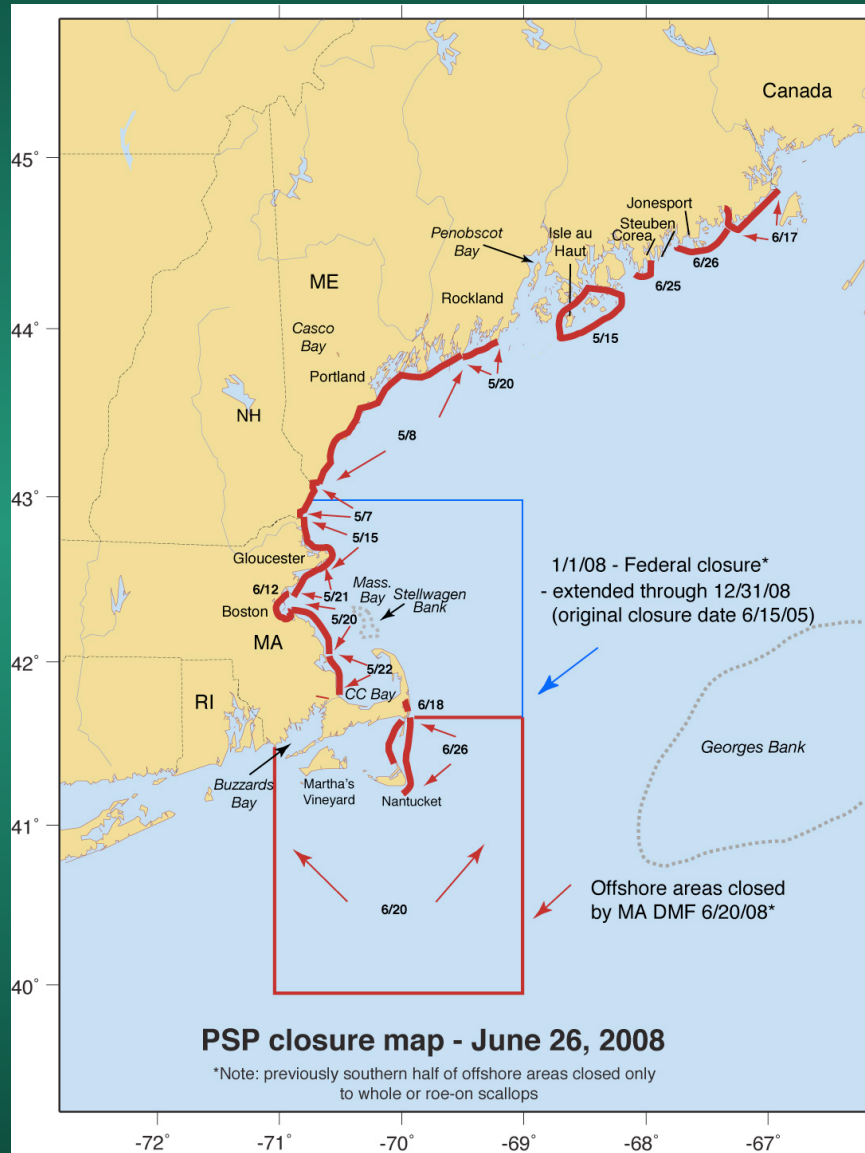
Sept 25, 2005

<http://modis.marine.usf.edu/index.html>

Surface Live Counts
R/V Endeavor EN437 June 21 - July 2, 2007







Coastline highlighted in red (and red and blue boxed areas) have been closed to shellfish harvesting due to the 2008 bloom of *Alexandrium fundyense*



WHOI-93-02

Marine Biotoxins and Harmful Algae: A National Plan



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Technical Report

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National Plan for Algal Toxins
and Harmful Algal Blooms

HARRNESS

Harmful
Algal
Research &
Response
National
Environmental
Science
Strategy

2005–2015



RESEARCH



RESPONSE



