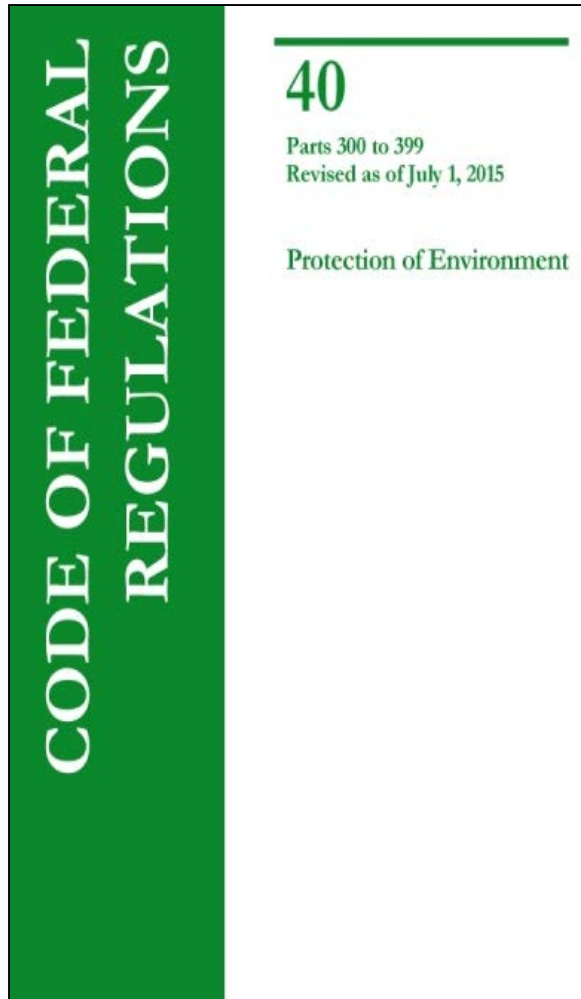


M/V TARDUS RESPONSE

A case study by
MST1 Terry Hasenauer
MSD Fort Macon, NC



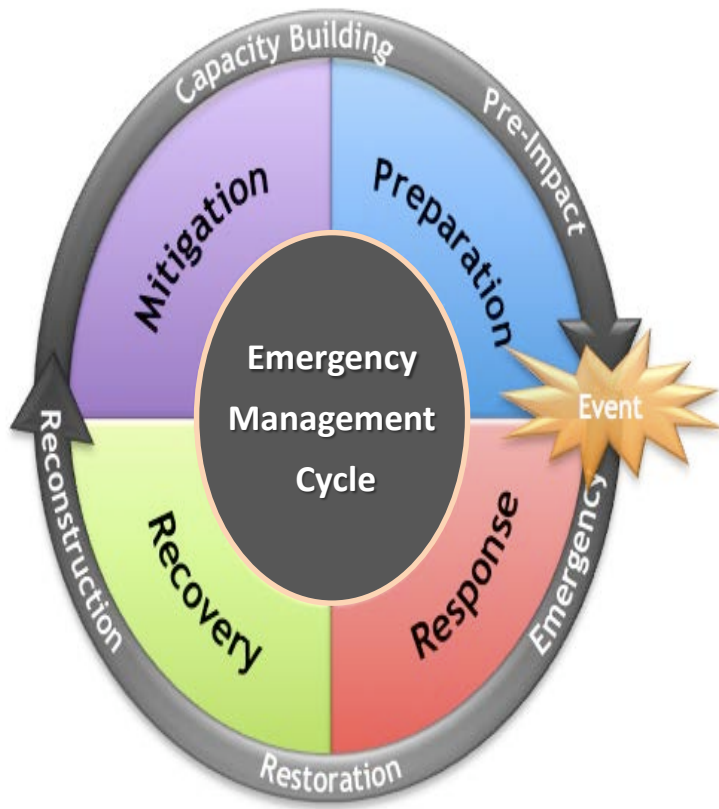
National Contingency Plan



300.105 General Organization Concepts

- 1) Plan for emergencies and develop procedures for addressing releases of oil, hazardous substances, pollutants or contaminants
- 2) Coordinate planning, preparedness and response activities with other federal agencies, affected states, local governments, and private entities
- 3) Make available facilities and resources that may be useful in a response situation within the limits of authority and capabilities

Common Response Challenges



Local and State
through PRFA



Unity of
Command



Time



Distance




Communications



Resources

TARDUS RESPONSE TIMELINE

Agency	Action
	2026: On behalf of USCG, HCSD located the Responsible Party and delivered a verbal Notice of Federal Interest.

Key Take Away

Employing local resources eliminates the time & distance barriers.

Information gathered from a local source is superior to Google.

July 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

August 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					


September 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

October 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

TARDUS RESPONSE TIMELINE

Agency	Action
	<p>1000: HCSD delivered a verbal Administrative Order to RP.</p> <p>Conditions: 1) boom the TARDUS W/I 2 hours of any oil spill; 2) remove all pollution threats by 1200 on 03 August.</p>

Key Take Away

A vigilant Sheriff's Deputy + authority to make traffic stops = the only way to communicate with an otherwise elusive responsible party.

July 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

August 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					



September 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

October 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

TARDUS RESPONSE TIMELINE

Agency	Action
 	<p>1256: USCG issued a new Order with same conditions to be met by 0930 on 05 August.</p>

Key Take Away

History & condition of vessel, environmental sensitivity, type of pollutant, and RP cooperation heavily influence the decision to declare imminent endangerment.

July 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

August 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					



September 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

October 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

TARDUS RESPONSE TIMELINE

Agency	Action
 	<p>Products removed:</p> <ul style="list-style-type: none"> 255 gallons diesel 4 gallons engine oil 1 gallon linseed oil 7 gallons of antifreeze 15 marine batteries 8 gallons of sulfuric acid

Key Take Away

NC agencies with an environmental mandate are glad to share resources.

Collaborate with local LE when security is questionable.

July 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

August 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

September 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

October 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

TARDUS RESPONSE TIMELINE

M/V TARDUS Sank in Scranton Creek
With **NO** Environmental Impact



Key Take Away

To achieve optimal response outcomes, employ partner agencies through PRFA, share resources, and affect a quick and decisive response.

October 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Thank you
for your time & attention

