

# PAINS BAY FIRE

NC-ALR-111006  
PRF3FT (1502)



## Incident Action Plan



***TUESDAY***

**May 24, 2011  
0730-1930 hrs**



<b>INCIDENT OBJECTIVES</b>	<b>1. Incident Name</b> <b>PAINS BAY FIRE</b>	<b>2. Date Prepared</b> <b>5/23/2011</b>	<b>3. Time Prepared</b> <b>2304 hrs</b>
<b>4. Operational Period</b>  <b>Tuesday, May 24, 2011 0730 to 1930 hrs</b>			
<b>5. Incident Objectives</b>  <b>Control Objectives</b> <ol style="list-style-type: none"> <li>1. Provide for the safety of firefighters and general public by adherence to the 10 standard fire orders, 18 watch-out situations, in addition to maintaining direct and clear communications with all incident personnel and the general public.</li> <li>2. Keep fire contained within the newly established boundaries for indirect attack suppression strategy.</li> <li>3. Conduct triage and prepare structures on the North side of Bayview Rd in the village of Stumpy Point. Coordinate with Dare Emergency Mangement Coordinator to initiate evacuation if fire threatens the village of Stumpy Point.</li> <li>4. Expedite the safe opening of US Hwy 264 as soon as operational objectives are met to minimize threat to Stumpy Point community.</li> <li>5. Continue soil saturation to extinguish ground fire by maintaining water in plugged canals.</li> <li>6. Mop-up a minimum of 500 feet into the fire perimeter</li> <li>7. Ensure that suppression &amp; containment strategies on FWS property follow minimum impact suppression tactics. Escalation of tactics should consider amount of progress being made with current tactics, and the likelihood of those tactics being successful.</li> </ol> <b>Management Objectives</b> <ol style="list-style-type: none"> <li>1. Keep general public &amp; local officals in affected counties, as well as incident stake holders informed of fire status through situation updates and personal contacts at least every other day.</li> <li>2. Provide for accurate cost tracking and documentation of incident in accordance with IBH (Incident Business Handbook) procedures.</li> <li>3. Emphasize cost containment through continual assessment of personnel and resource needs to provide (right-sizing) of incident.</li> <li>4. Develop a concise transition document in preparation for a transfer of command to the incoming Incident Mangement Team.</li> </ol>			
<b>6. Weather Forecast For Period</b>  <b>See Attached Tailgate Safety Briefing Sheet.</b>			
<b>7. General Safety Message</b>  <b>See Attached Tailgate Safety Briefing Sheet.</b>			
<b>8. Attachments (mark if attached)</b>			
<ul style="list-style-type: none"> <li>✓ <b>Organizational List – ICS 203</b></li> <li>✓ <b>Div. Assignment Lists - ICS 204</b></li> <li>✓ <b>Air Operations Summary- ICS 220</b></li> <li>✓ <b>Communications Plan - ICS 205</b></li> <li>✓ <b>Medical Plan - ICS 206</b></li> </ul>		<ul style="list-style-type: none"> <li>✓ <b>Contact List</b></li> <li>✓ <b>Incident Map</b></li> <li>✓ <b>Tailgate Safety Briefing Sheet</b></li> <li>✓ <b>Unit Log - ICS 214</b></li> </ul>	
<b>9. Prepared by (Planning Section Chief)</b>		<b>10. Approved by (Incident Commander)</b>	

ORGANIZATION ASSIGNMENT LIST		9.	Operations Section	
<b>1. Incident Name</b>		Chief	Ned Brickhouse 6/3 Jeff Burns 5/25 Derrick Moore(T) 5/25	
Pains Bay Fire NC-ALR-111006				
<b>a. Branch I - Divisions/Groups</b>				
<b>2. Date</b> 5/23/2011	<b>3. Time</b> 1800 hrs	Division/Group	A	Mike Hinson
		Division/Group	D, C, F	Rickie Darden 5/25
<b>4. Operational Period</b> <b>5/24/2011 0730-1930hrs</b>		Division/Group	B,E, J,K, L	Unstaffed
<b>5. Incident Commander and Staff</b>		Division/Group	G	Hagan Blake 5/25
Incident Commander	Robert Smith			
Safety Officer	Mike Kretzschmar Tom White	Division/Group	H	Aaron Gay 5/27
Information Officer	Roger Miller Chris Carlson	Division/Group	I	W. Jeff Koenig
Liason Officer	Keith Suttles	Division/Group	IA	Eric Meekins 5/30
<b>6 a. Agency Administrators</b>		Division/Group	Structure Protection	Rickie Darden 5/25
FWS	Mike Byrant	Division /Group	Staging Area	
FWS	Scott Lanier	Division/Group	Night Shift	Jonathan Ambrose 5/28
<b>b. Agency Representatives</b>		Division/Group		
NCFS	Ed Christopher	<b>c. Branch III - Divisions/Groups</b>		
FWS	Bonnie Strawser	Branch Director		
FWS	Tom Crews	Deputy		
Emer. Mgmt. Coord	Sandy Sanderson	Division/Group		
Stumpy Pt.Fire Dept	Curtis Price			
US Navy	Lt. Cmdr. Marty Hill			
US Airforce	Joe Lafferty	<b>d. Air Operations Branch</b>		
<b>7. Planning Section</b>		Air Ops Branch Director		Sherry Tomlinson 5/29
Chief	Laura Prevatte/ Bill Pickens	Air Support Group Sup		Scott Plue 5/29
Resources Unit	Lisa Hartrick, Brian Yeich (T)			
Status Check-in		<b>10. Finance Section</b>		
Situation Unit	Greg Hicks, Gail Bledsoe (T)	Chief		Teresa Tripp / Don Roach
FOBS	Bill DeMay, Adam Huffman	Equipment		Susan Baker
Fire Behavior Analyst	Scott Ludlum	Cost		Louise Faustini
Demobilization	Rob Trickel	Time		Mary Plummer
		PROC		Renee Hall
GIS	Walter Powell, Jason Moan	CTSP		Tom James
<b>8. Logistics Section</b>		IBA		Dana Reid 6/2 Helen Czernik (T) 6/5
Chief	Roger Harris, Neil Barrow			
Receiving Manager	Derek Arney			
Supply Unit	Kevin Pittman			
Ground Support Unit	Jeff McPherson			
Security Manager	Jimmy Riner			
Communications Unit	Sam Bodenhamer			
Communications Tech	Chuck Credle, Frank Taylor			
RADO	Jerry Perry/ Scotty Comer			
Medical Unit	John Weaver, Randy Kearney(T)	Prepared by: Lisa Hartrick, RESL		
Ordering Manager	Patrick Raynor,Susan Fay(T)			
Equipment	Gavin Bell / Martin Evans 6/7 Derek Risen 5/31			
Facilities/Food Unit	Alton Perry/Les Hunter			





<b>DIVISION ASSIGNMENT LIST</b>		1. Ops Chief Ned Brickhouse Derrick Moore (T) Planning OPS – Jeff Burns		2. Division/Group  <b>G</b>			
3. Incident Name <b>PAINS BAY FIRE</b>		4. Operational Period Date: 5/24/2011 Time: 0730-1930hrs					
5. <i>Operations Personnel</i>							
Division/Group Supervisor		Thomas “Hagan” Blake O-150.38 LWD 05/25		Safety Mike Kretzshmar, Tom White			
6. <i>Resources Assigned this Period</i>							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Last Work Day	Drop Off PT./Time	Pick Up PT./Time		
T6 ENG; E-9; VA-SHP	J. Jarrells / D. Good / A. Williams	3	6/5	0730hrs	1930hrs		
E-308 Pump operators	C. Speary, Scott	2	5/26	0730hrs	1930hrs		
WAT3; E-309; 7E1 NCFS	R. Fleming	1	5/26	0730hrs	1930hrs		
SOF2	D. Brassard O-79	1	5/25	0730hrs	1930hrs		
7. Control Operations							
<ul style="list-style-type: none"> <li>• <b>Prep for burn out.</b></li> <li>• <b>Identify critical areas and special needs</b></li> </ul>							
8. Special Instructions							
<ul style="list-style-type: none"> <li>• <b>Limit use of foam within 300 ft of any water source.</b></li> </ul>							
9. <i>Division/Group Communication Summary</i>							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command		KING NIFC	<b>North 11 South 12</b>	Initial Attack		KING NIFC	<b>5</b>
Tactical Div/Group		KING NIFC	<b>5</b>	Air to Ground		KING NIFC	<b>8</b>
Prepared by (Resource Unit Leader) Lisa Hartrick		Approved by (Planning Section Chief) Laura Prevatte		Date 05/23/2011		Time 2330 hrs	

<b>DIVISION ASSIGNMENT LIST</b>		1. Ops Chief Ned Brickhouse Derrick Moore (T) Planning OPS – Jeff Burns		2. Division/Group  <b>H</b>			
3. Incident Name <b>PAINS BAY FIRE</b>		4. Operational Period Date: 5/24/2011 Time: 0730-1930hrs					
5. Operations Personnel							
Division/Group Supervisor		Aaron Gay 5/27		Safety		Mike Kretzshmar, Tom White	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Last Work Day	Drop Off PT./Time	Pick Up PT./Time		
T6 ENG; E-6; VA-VAF	L. Shaw / Fultz / Blevins	3	5/24	0730 hrs	1930 hrs		
T6 ENG; E-8; VA-VAF	T. Caudill / Tanquay / Wolfe	3	5/24	0730hrs	1930hrs		
WAT3; ;13E1	McIntyre	1					
SOF2	Keith Jenkins O-186	1	6/4	0730hrs	1930hrs		
7. Control Operations							
<ul style="list-style-type: none"> <li>• Prep area for burn out operation west of Hwy 264 and south of Borrow Pit Road.</li> <li>• Identify critical areas and special needs.</li> </ul>							
8. Special Instructions							
<ul style="list-style-type: none"> <li>• Limit use of foam within 300 ft of any water source.</li> </ul>							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command		KING NIFC	<b>North 11</b>	Initial Attack		KING NIFC	<b>5</b>
Tactical Div/Group		KING NIFC	<b>6</b>	Air to Ground		KING NIFC	<b>8</b>
Prepared by (Resource Unit Leader) Lisa Hartrick		Approved by (Planning Section Chief) Laura Prevatte		Date 05/23/2011		Time 2330 hrs	





<b>DIVISION ASSIGNMENT LIST</b>			1. Ops Chief Ned Brickhouse Derrick Moore (T) Planning OPS- Jeff Burns		2. Division/Group <b>Structure Protection Group</b>		
3. Incident Name <b>PAINS BAY FIRE</b>			4. Operational Period Date: 5/24/2011 Time: 0730-1930hrs				
5. <i>Operations Personnel</i>							
<b>Division/Group Supervisor</b>		Rickie Darden	O-150.36 LWD 5/25	<b>Safety</b>		Mike Kretzschmar, Tom White	
6. <i>Resources Assigned this Period</i>							
Strike Team/Task Force/ Resource Designator		Leader		Number Persons	Last Work Day	Drop Off PT./Time	Pick Up PT./Time
LIASON		R. Shackelford O-38		1	5/28	07300hrs	1930hrs
ENG; Stumpy VFD		on station		4		07300hrs	1930hrs
ENG; Manns Harbor VFD*		on station		5		07300hrs	1930hrs
ENG; Roanoke Island VFD*		on station		4		07300hrs	1930hrs
Dare County VFD Resources		on station				0730hrs	1930hrs
7. Control Operations <ul style="list-style-type: none"> <li>• Available to execute Stumpy Point Evacuation Plan if identified trigger points are met.</li> <li>• Triage and prep structures for burnout operations in Stumpy Point community.</li> </ul>							
8. Special Instructions <ul style="list-style-type: none"> <li>• Mann's Harbor and Roanoke Island VFDs are call-when-needed.</li> <li>• Limit use of foam within 300 ft of any water source.</li> </ul>							
9. <i>Division/Group Communication Summary</i>							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command		KING NIFC	<b>12</b>	Initial Attack		KING NIFC	<b>5</b>
Tactical Div/Group		KING NIFC	<b>3</b>	Air to Ground		KING NIFC	<b>8</b>
Prepared by (Resource Unit Leader) Lisa Hartrick		Approved by (Planning Section Chief) Laura Prevatte			Date 05/23/2011		Time 2330hrs



<b>DIVISION ASSIGNMENT LIST</b>		1. Ops Chief Ned Brickhouse Derrick Moore (T) Planning OPS- Jeff Burns		2. Division/Group <b>Initial Attack Group</b>			
3. Incident Name <b>PAINS BAY FIRE</b>		4. Operational Period Date: 5/24/2011 Time: 0730-1930hrs					
5. <i>Operations Personnel</i>							
<b>Division/Group Supervisor</b>		E. Meekins O-166 LWD 5/30		<b>Safety</b> Mike Kretzschmar, Tom White			
6. <i>Resources Assigned this Period</i>							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Last Work Day	Drop Off PT./Time	Pick Up PT./Time		
ICT4	R. Shackelford O-38	1	5/28	0730hrs	1930hrs		
T6 ENG; E200; PLE2	A. Davis O-144 M. Howle O-35	2	6/3	0730hrs	1930hrs		
WAT3; E-379	B. Govan O-81	1	6/4	0730hrs	1930hrs		
TPL2; AX1; D6K E-328 NCALR	unstaffed	0		0730hrs	1930hrs		
Flex Trac; AX2; E-380 NCALR	unstaffed	0		0730hrs	1930hrs		
7. Control Operations							
<ul style="list-style-type: none"> <li>Resources will provide initial attack for new fire starts on FWS District 1 (Alligator River, Pocosin Lakes, Pungo, Pea Island, Swan Quarter, Mattamuskeet NWR.</li> <li>Resources will be dispatched by FWS through DIVS E. Meekins.</li> </ul>							
8. Special Instructions							
<ul style="list-style-type: none"> <li>Limit use of foam within 100' of any water surface.</li> </ul>							
9. <i>Division/Group Communication Summary</i>							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command		KING NIFC	<b>12</b>	Logistics		KING NIFC	
Tactical Div/Group		KING NIFC	<b>5</b>	Air to Ground		KING NIFC	<b>8</b>
Prepared by (Resource Unit Leader) Lisa Hartrick		Approved by (Planning Section Chief) Laura Prevatte		Date 05/23/2011		Time 2130hrs	

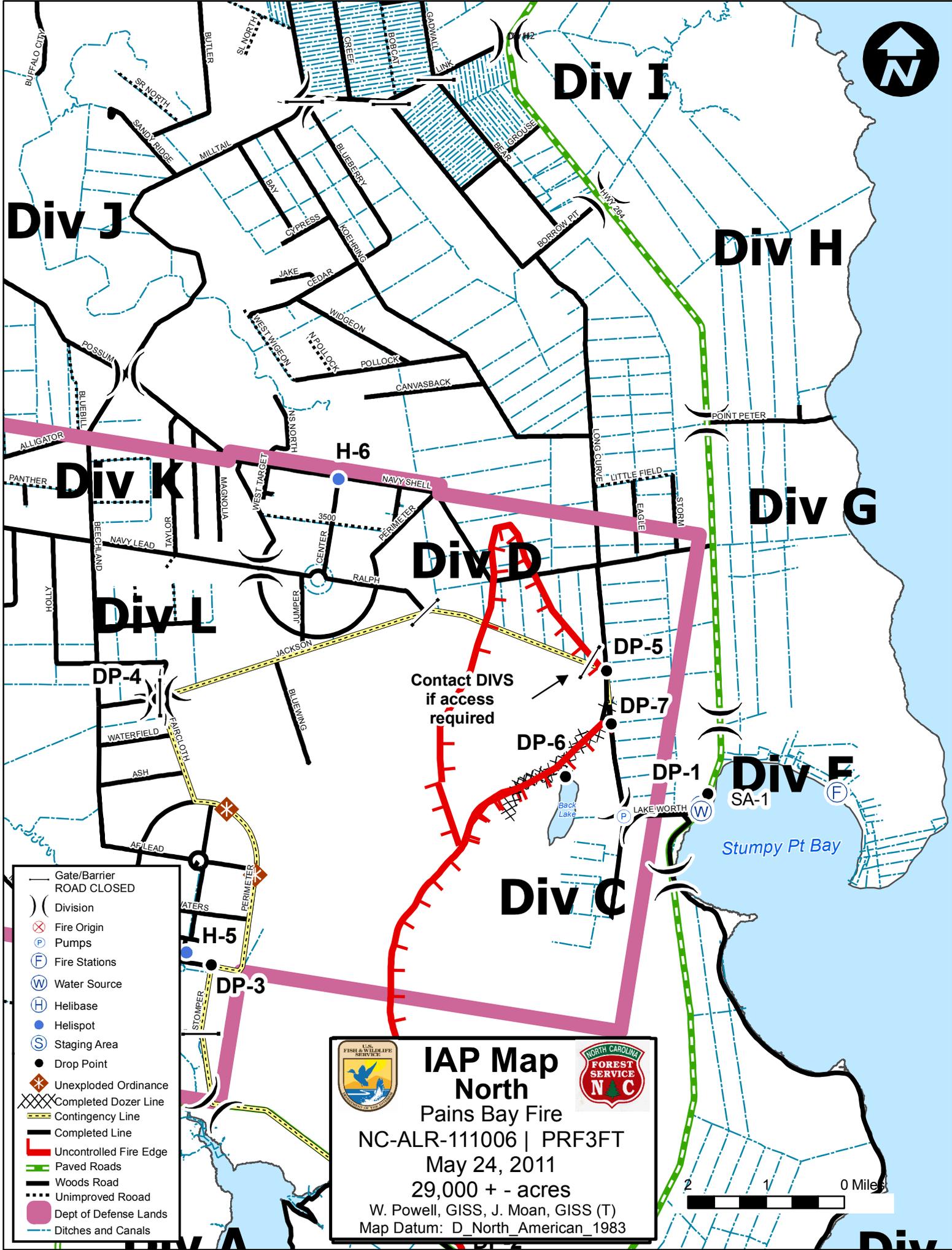
<b>DIVISION ASSIGNMENT LIST</b>		1. Ops Chief Ned Brickhouse Derrick Moore (T) Planning OPS – Jeff Burns		2. Division/Group <b>Night Shift</b>			
3. Incident Name <b>PAINS BAY FIRE</b>		4. Operational Period Date: 5/24/2011 Time: 1930-0730 hrs					
5. Operations Personnel							
Division/Group Supervisor	Jonathan Ambrose LDW 5/28	Safety		Mike Kretzchmar, Tom White			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Last Work Night	Drop Off PT./Time	Pick Up PT./Time		
Pump operator	R. Strickland	1	5/28	1930	0730		
7. Control Operations							
<ul style="list-style-type: none"> <li>Monitor Pump Operations on Div D/E, C, and A/B.</li> </ul>							
8. Special Instructions							
<p>In case of an emergency utilize Dare County VFD radio (800 mhz) to contact County EOC</p> <p>-Work in pairs.          -Provide adequate lighting prior to shutting down of pumps for servicing. Stay away from canal banks.          -Watch for rattlesnakes and bears. Do not throw food on ground or in canal.          -Keep smoke exposure to a minimum but do not stage on Hwy 264.          Refer to <b>Safety Message</b> and <b>Medical Plan</b> for more detail.</p>							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command		KING NIFC	<b>12</b>	Initial Attack		KING NIFC	
Tactical Div/Group		KING NIFC	<b>1</b>	Air to Ground		KING NIFC	<b>8</b>
Prepared by (Resource Unit Leader) Lisa Hartrick		Approved by (Planning Section Chief) Laura Prevatte		Date 05/23/2011		Time 2130 hrs	

AIR OPERATIONS SUMMARY		PREPARED BY: Sherry Tomlinson					PREPARED DATE/TIME: 5/23/2011 1700							
<b>1. INCIDENT NAME</b> Pains Bay Fire		<b>2. OPERATIONAL PERIOD DATE:</b> 5/24/2011					START TIME: 0700		END TIME: 2000		SUNRISE: 0551		SUNSET: 2007	
<b>3. REMARKS</b> (Safety Notes, Hazards, Air Operations Special Equipment, etc.) -PILOTS-WATCH FOR BIRDS AND OTHER AIRCRAFT -BE ALERT FOR HIGH WINDS AND TURBULANCE -NOTE THAT SOME TOWERS ARE NOT MARKED ON SECTIONAL MAPS. TOWERS COULD BE UP TO 2500 FEET TALL -ALL FIREFIGHTING AIRCRAFT NEED TO SQUAWK 1255. FLY WITH LIGHTS ON. -HEADS UP WHEN PERFORMING WATER DROPS AROUND CREWS ON THE GROUND -MAINTAIN CLEAR COMMUNICATIONS							<b>4. MEDEVAC A/C:</b>		<b>5. TFR:</b> 1/2182 <b>A-22</b> 3100' MSL					
<b>6. PERSONNEL</b>		Phone	<b>7. FREQUENCIES</b>			AM	FM	<b>8. FIXED WING # Available/ Type/ Make-Model/FAA N# / Bases</b>						
AOBD: Sherry Tomlinson ASGS: Scott Plue		253-293-3523 208-661-6619	AIR/AIR PRIMARY AIR/AIR SECONDARY NATIONAL FLIGHT FOLLOWING (NARROW BAND) ATGS/LEAD/ASM TRANSITION-HANDOFF			123.125 122.425		Airtankers  ALLIGATOR RIVER DISPATCH 252-473-1744 X 21 -Olive Jones A/C 252-473-1840 252-473-1721						
ATGS: Bill Palmer ATGS (t) : Donnie Harris ATGS: Josh Mathiesen		252-229-0421 252-475-8012 530-515-9272	AIR/AIR RW: SEE ABOVE					Air Force Tower 252-473-2201 Navy Tower 252-473-2720						
HLCO: NONE			AIR/GROUND: Primary  AIR/GROUND: Secondary				Rx 171.575 N Tx 171.575 Tone 131.8 169.925N							
			COMMAND: (Simplex)					Leadplanes						
HEB2: Tom Rawlings		406-261-1673	COMMAND RPT SEE ICS 205			Rx:	Tx:							
			DECK FREQ:				168.6125	ATGS Aircraft Location: MQI						
			TOLC FREQ:					N11AR A-11 N135BA A-31						
DARE BOMBING RANGE			FOR ENTERING DARE BOMBING RANGE			122.900		Other: SEATS- Available in Kinston - 252-520-2402 Order through Alligator Dispatch						
<b>9. HELICOPTERS</b> (Use Additional Sheets As Necessary)														
FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	
N161KA	A-26	1	K-Max	MQI	0900	0930	Chris Sotherland 509-668-1592	N2HX	A-25	3	Bell 407	Pains H.B.	0700 0900	Bob Madison 505-385-0401
N894HA	A-20	3	Bell 206	Pains H.B.	0700	0900	Cory Waters 252-475-0102							

<b>MEDICAL PLAN</b>	1. Incident Name Pains Bay Fire	2. Date Prepared 05/23/11	3. Time Prepared 1530	4. Operational Period 05/24/11 0730-1930	
<b>5. Incident Medical Aid Station</b>					
Medical Aid Stations	Location			Paramedics Yes No	
Dare County Parks and Recreation Bldg (0900-2030hrs)	410 Airport Road Manteo, NC			X	
Stumpy Point VFD (0730-0830hrs)	Stumpy Point			X	
Thomas Christian EMTP (0800 to 2000hrs)	Line EMT Staged at NCDFR Maintenance Bldg			X	
<b>6. Transportation</b>					
<b>A. Ambulance Services</b>					
Name	Address	Phone	Paramedics Yes No		
Dare County EMS Station #8	6677 Hwy 64 Business, Mann Harbor, NC	Dare Central (911)	X		
Dare County Med Flight	1078 Driftwood Dr., Manteo, NC	911	X		
<b>B. Incident Ambulances</b>					
Name	Location			Paramedics Yes No	
<b>7. Hospitals</b>					
Name	Address	Travel Time Air Ground	Phone	Helipad Yes No	Burn Center Yes No
Outer Banks Hospital	Mile Post 14, 4800 S. Croatan Hwy Nags Head, NC Latitude: N 35° 56' 20.33" Longitude: W 75° 45' 5.89"	15 30	(252) 449-4500	X	X
Sentara Lee Burn Center	Norfolk, VA	30 90	(757) 668-3117	X	X
<b>8. Medical Emergency Procedures</b>					
<p>Report all injuries and illnesses to the closest DIVS. DIVS will notify the Line EMT and ICP Communications, and include the extent of the injury and transportation needed. Do not use patient's name on the radio. A medical emergency should be declared over the radio immediately. All radio traffic will be kept to a minimum so emergency procedures can proceed uninhibited. ICP Communications will notify Dare Central Dispatch (911) and MEDL. Safety will be notified. Dare County EMS will respond and determine the appropriate treatment, transportation and facility needed. If ground transportation is determined, if possible, assign personnel to meet the ambulance at a location that is easily accessible to lead them to the site of the injured. If patient is transported to meet EMS personnel needs to remain with patient until EMS has arrived. EMT is staged at NCDFR Maintenance Building to respond to injuries and stabilize patient until EMS personnel arrives.</p> <p>For Non emergencies contact the Medical Unit Leader located at ICP. Transportation and treatment will be arranged by MEDL at ICP.</p> <p><b>Nighttime Operations:</b> Communicate all emergency medical needs directly to Dare County Emergency Communications via 800mhz radio furnished by NCDFR Dare County Ranger, and contact Safety Officers Mike Kretzschmar at 828-413-2588 or Tom White at 910-334-0029.</p>					
Prepared by (Medical Unit Leader) Randy Kearney, MEDL(T) / John Weaver, MEDL			10. Reviewed by (Safety Officer) Mike Kretzschmar / Tom White		

Incident Radio Communications Plan		1. Incident Name: Pains Bay		2. Date/Time Prepared: 05/23/11 2317 hrs		3. Operational Period (Date/Time) 5/24/11	
4. Basic Radio Channel Utilization							
System/Cache	Channel	Function	Frequency/Tone	Assignment	Remarks		
NC Forest Service	CH 1	TAC 1	RX 151.400WIDE TX 151.400W Tone 136.5				
NC Forest Service	CH 2	TAC 2	RX 151.460W TX 151.460W Tone 136.5	Div D, E, C, F			
NC Forest Service	CH 3	TAC 3	RX 151.310W TX 151.310W Tone 136.5	Structure Protection			
NIFC	CH 4	TAC 4	RX 168.050N TX 168.050 NARROW	DIVS A, B			
NIFC	CH 5	TAC 5	RX 168.200N TX 168.200N	Initial Attack, DIV G			
NIFC	CH 6	TAC 6	RX 168.600N TX 168.600N	DIV - H DIV - I			
NIFC	CH 8	US FWS AIR TO GROUND	RX 171.575N TX 171.575 Tone 131.8	Fire Line			
TFS	CH 9	TAC 9	168.350N	FIRE LINE TAC			
US FWS	CH 11	COLUMBIA CMD REPEATER N	RX 172.675 N TX 168.500 N Tone 118.8	RAWS, CMD NORTH			
US FWS	CH 12	ENGLEHART CMD REPEATER 12	RX 164.625N TX 163.150 Tone 186.2		South		
US FWS	CH 13	TAC 13	TX/RX 162.2375N TONE 156.7				
AIR TO GROUND	CH 15	AIR TO GROUND Secondary	RX/TX 169.925				
AIR GUARD	CH 16	Air Guard	RX/TX 168.625 TX Tone 110.9	Emergency contact with Aircraft			
Communications		Comm Unit	828-230-9008	Sam Bodenhamer			
ICS 205	5. Prepared By (Communications Unit Leader): Sam Bodenhamer						





**Div J**

**Div I**

**Div H**

**Div G**

**Div K**

**Div D**

**Div L**

**Div E**

**Div C**

- Gate/Barrier  
ROAD CLOSED
- ) ( Division
- ⊗ Fire Origin
- ⊙ Pumps
- ⊕ Fire Stations
- ⊙ Water Source
- ⊙ Helibase
- Helispot
- ⊙ Staging Area
- Drop Point
- ⊗ Unexploded Ordnance
- XXXX Completed Dozer Line
- Contingency Line
- Completed Line
- Uncontrolled Fire Edge
- Paved Roads
- Woods Road
- Unimproved Road
- Dept of Defense Lands
- Ditches and Canals



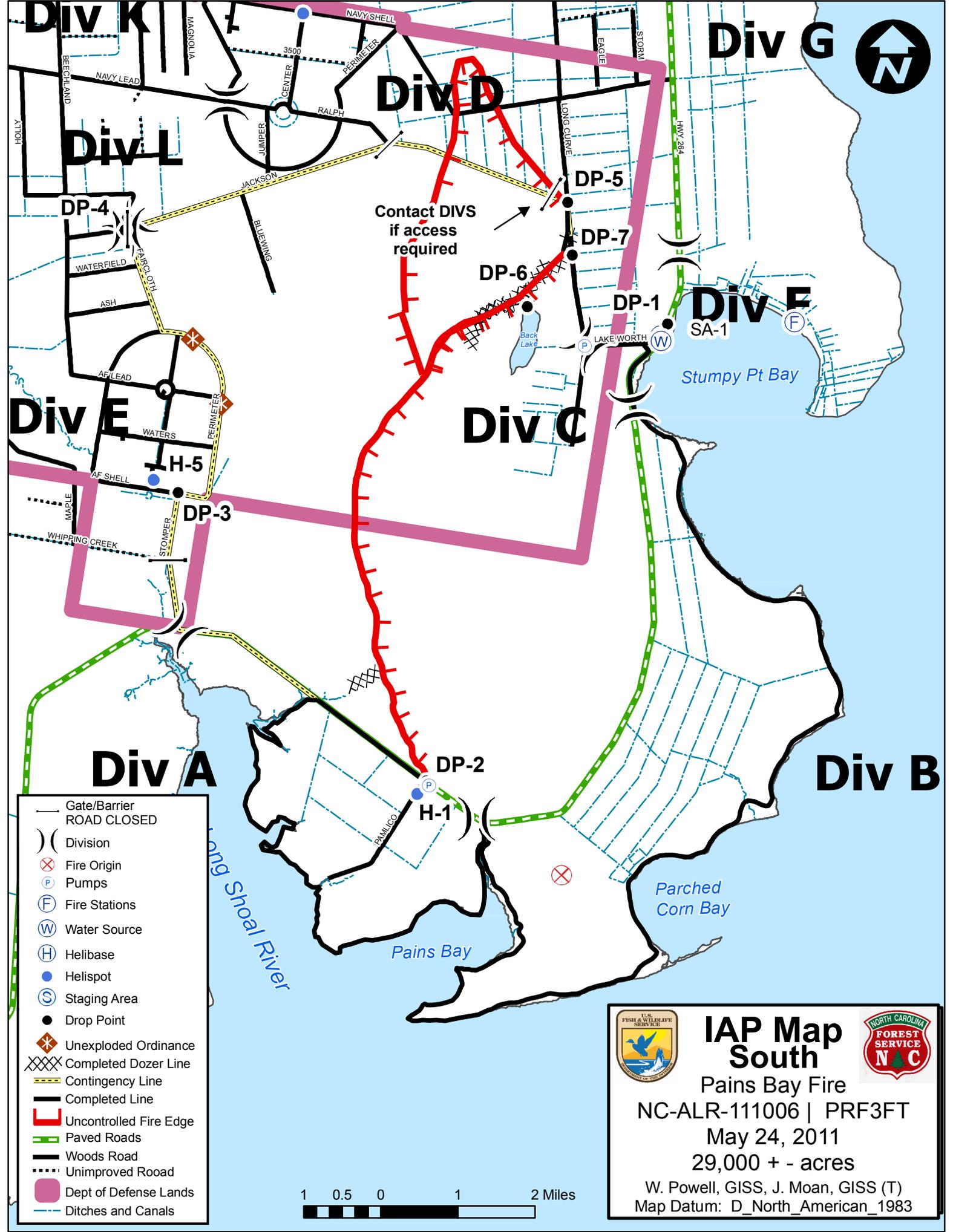
## IAP Map North

Pains Bay Fire  
NC-ALR-111006 | PRF3FT  
May 24, 2011  
29,000 + - acres

W. Powell, GISS, J. Moan, GISS (T)  
Map Datum: D\_North\_American\_1983







- Gate/Barrier  
ROAD CLOSED
- ) ( Division
- ⊗ Fire Origin
- Ⓟ Pumps
- Ⓡ Fire Stations
- Ⓜ Water Source
- Ⓜ Helibase
- Helispot
- Ⓢ Staging Area
- Drop Point
- ⊛ Unexploded Ordinance
- XXXX Completed Dozer Line
- Contingency Line
- Completed Line
- ┌ Uncontrolled Fire Edge
- Paved Roads
- Woods Road
- ⋯ Unimproved Road
- Dept of Defense Lands
- Ditches and Canals





## IAP Map South

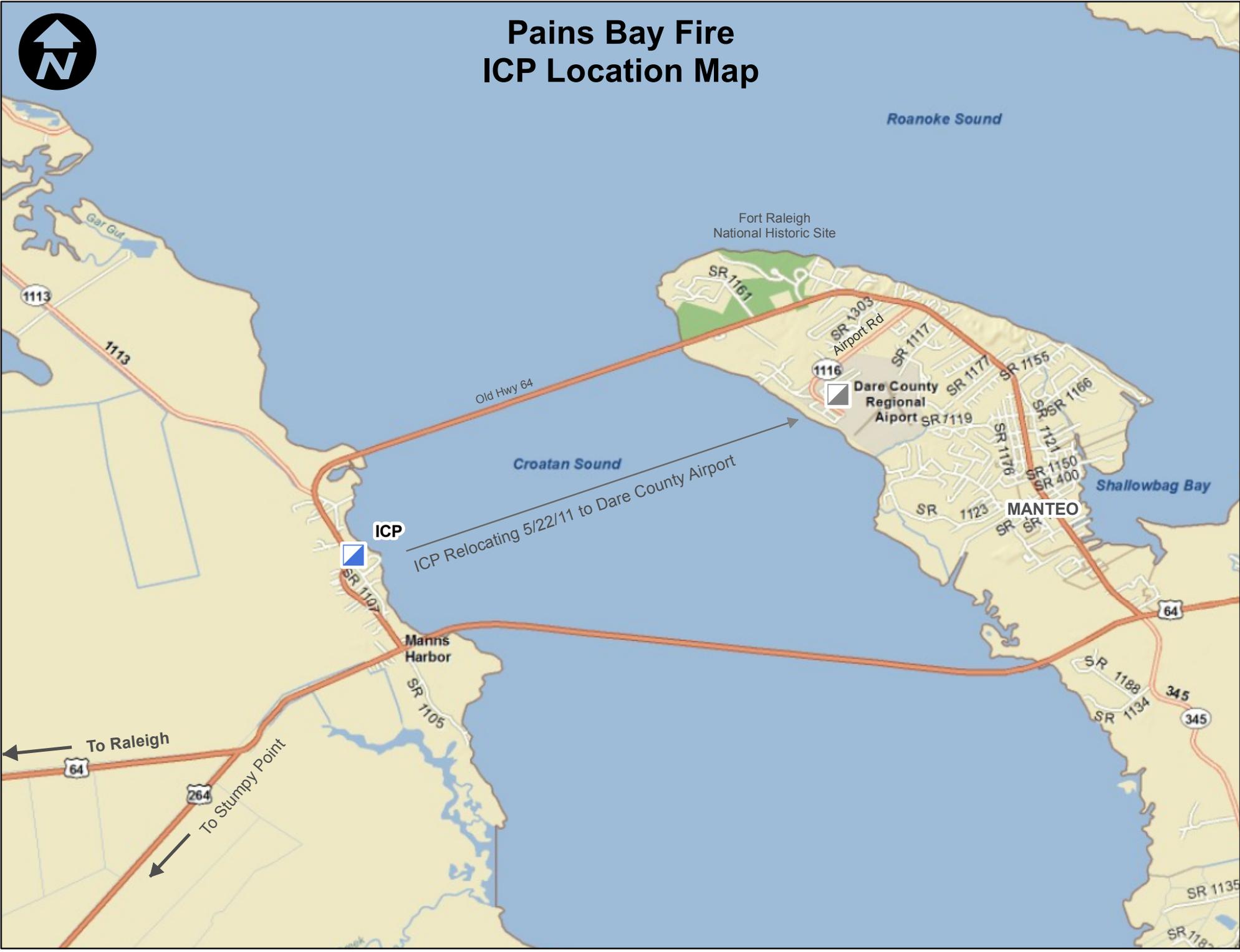
Pains Bay Fire  
NC-ALR-111006 | PRF3FT  
May 24, 2011  
29,000 + - acres

W. Powell, GISS, J. Moan, GISS (T)  
Map Datum: D\_North\_American\_1983





# Pains Bay Fire ICP Location Map



**WEATHER FORECAST – Tuesday 5/24/2011**

.TUESDAY...

SKY/WEATHER.....MOSTLY SUNNY. A SLIGHT CHANCE OF SHOWERS AND THUNDERSTORMS EARLY IN THE MORNING. A SLIGHT CHANCE OF SHOWERS AND THUNDERSTORMS EARLY IN THE AFTERNOON.

MAX TEMPERATURE.....AROUND 88.

MIN HUMIDITY.....55 PERCENT.

20-FOOT WINDS.....SOUTHWEST WINDS 11 TO 13 MPH WITH GUSTS UP TO 25 MPH. GUSTY AND ERRATIC WINDS EXPECTED NEAR THUNDERSTORMS EARLY IN THE MORNING. GUSTY AND ERRATIC WINDS EXPECTED NEAR THUNDERSTORMS EARLY IN THE AFTERNOON.

HAINES INDEX.....3 TO 4 OR OR VERY LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH TO OR LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

MIXING HEIGHT.....600-1800 FT AGL...INCREASING TO 2600-4500 FT AGL IN THE LATE MORNING AND AFTERNOON.

TRANSPORT WINDS.....SOUTHWEST 16 TO 22 MPH.

LVORI.....3.

TIME (EDT)	6 AM	9 AM	NOON	3 PM	6 PM	9 PM	MIDNGT	3 AM
SKY (%)	44	42	29	28	41	43	50	41
WEATHER COV.	S CHC			S CHC	S CHC	S CHC	S CHC	
WEATHER TYPE	TSTORM	NONE	NONE	TSTORM	TSTORM	TSTORM	TSTORM	NONE
TEMP	72	82	88	88	84	78	75	72
RH	90	67	55	55	65	79	87	97
20 FT WIND (MPH)	SW 10G20	SW 11G20	SW 12G25	SW 12G25	SW 12G25	SW 12G20	SW 10G15	SW 8G15
LVORI	4	3	1	1	3	3	4	5
HAINES INDEX	4	3	3	4	4	4	5	4

**FIRE BEHAVIOR- Tuesday 5/24/2011**

Scott Ludlum – FBAN 252-903-8007

**Previous Fire Behavior-** The fire escaped control on Division Delta at approximately 1600hrs. Weather observations at this time were winds SSW 16 gusting to 30, temperature 82F and RH 72%. Rates of spread estimated at 30-60 chains and flame lengths of 50 ft. Crown fire was observed for limited runs at the head with torching observed on all flanks. Short range spotting was also observed.

**Predicted Fire Behavior-** The risk for reburning is still a threat on Division Alpha. Fuels remain dry and are readily available to burn. Watch for torching that could loft embers across control lines. During peak wind gust expect torching and rapid rates of spread, especially after the fire grows much larger than an acre. Be aware of the local sea breeze influence and thunderstorm outflows, this will increase rates of spread and can change the fire direction very suddenly.

**Fuels/Fuel Model-** Pocosin (Tall Brush) - FM sh9

Rates of Spread-	Flame Lengths-	Probability of Ignition-	Spotting-
50 ch/hr <i>10 ch. lower (24 hr trend)</i>	18 ft. <i>2 ft. lower (24 hr trend)</i>	38% <i>6% lower (24 hr trend)</i>	0.2 Miles <i>No Change (24 hr trend)</i>

**Fuel Moisture-** (\* indicates new maximum indices may be set for this day)

1 HR (1/4" or less)	10 HR (1/4"-1")	100 HR (1-3")	1000 HR (3-8")	Live Woody
9% <i>1% higher (24 hr trend)</i>	12% <i>3% higher (24 hr trend)</i>	16% <i>No Change (24 hr trend)</i>	18% <i>No Change (24 hr trend)</i>	70% <i>No Change (24 hr trend)</i>

**Predicted Fire Danger Readings- Dare Bomb Range** (\* indicates new maximum indices may be set for this day)

Ignition Component	Spread Component	Energy Release Component	Burning Index	KBDI
20 <i>6 higher (24 hr trend)</i>	10 <i>5 lower (24 hr trend)</i>	24 <i>5 lower (24 hr trend)</i>	38 <i>12 lower (24 hr trend)</i>	*463 <i>10 higher (24 hr trend)</i>

**Controllability-** Indirect attack should be used if fires become established. Use of aircraft should always be utilized. Safety of firefighters is of a critical concern.

# SAFETY MESSAGE

TAILGATE BRIEFING SHEET

DATE: 5/24/11

Signature/Date

## Standard Firefighting Orders

1. Keep informed on fire weather conditions and forecasts.
2. Know what your fire is doing at all times.
3. Base all actions on current and expected behavior of the fire.
4. Identify escape routes and safety zones and make them known.
5. Post lookouts when there is possible danger.
6. Be alert. Keep calm. Think clearly. Act decisively.
7. Maintain prompt communications with your forces, your supervisor, and adjoining forces.
8. Give clear instructions and insure they are understood.
9. Maintain control of your forces at all times.
10. Fight fire aggressively, having provided for safety first.

## 18 Watchouts Situations

1. Fire not scouted and sized up.
2. In country not seen in daylight.
3. Safety zones and escape routes not identified.
4. Unfamiliar with weather and local factors influencing fire behavior.
5. Uninformed on strategy, tactics, and hazards.
6. Instructions and assignments not clear.
7. No communication link with crewmembers/supervisors.
8. Constructing line without safe anchor point.
9. Building fireline downhill with fire below.
10. Attempting frontal assault on fire.
11. Unburned fuel between you and the fire.
12. Cannot see main fire, not in contact with anyone who can.
13. On a hillside where rolling material can ignite fuel below.
14. Weather is getting hotter and drier.
15. Wind increases and/or changes direction.
16. Getting frequent spot fires across line.
17. Terrain and fuels make escape to safety zones difficult.
18. Taking a nap near the fire line.

**SAFETY OFFICERS:** Mike Kretschmar, Tom White

**LINE SAFETY OFFICERS:** Dan Brassard, Keith Jenkins

