

World Trade, Smuggling Nukes, & Homeland Security: The Challenge of Thinking Anew


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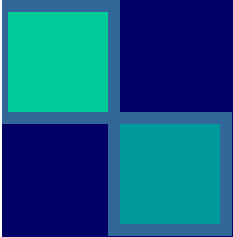



Facing the Nuclear Threat: Five Challenges—Moving From Old Think to a New Strategy.

- Understanding Terror Masters and Terror Servants
 - Elements of New Strategy
 - What is transformation: DOD and DHLS
 - Role of Pre-Emption vs. Law Enforcement
 - Review of Port, Border and Maritime Security
- 




The Terror Masters

- 
- On 9/10, Syria, Iran, Iraq, Afghanistan, Libya, North Korea, Cuba, Sudan, China
 - Libya, Iraq and Afghanistan Eliminated
 - Iran: Sanctions Pending at UN
 - North Korea: Returning to Talks/Demonstrated Nuclear Capability
- 



The Terror Masters Attacks

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- Beirut; Berlin; Salvador, Lockerby, WTC93
 - Kobar, Kenya & Tanzania, SS Cole, Bali
 - 9/11, Madrid, Amman, London, Paris
Intifada, West Bank/Gaza
 - Old Think: Law Enforcement Adequate;
Respond "After the Fact"
- 



The Threat Is Real

Al Qaeda and Radiological Dispersal Devices

October 14, 2001, Israeli security arrested a man linked to Osama bin Laden armed with a radiological backpack bomb, as he attempted to enter Israel from the Palestinian Territories via a border checkpoint at Ramallah. The arrest led to the recovery of a device which held a small explosive core encased in radioactive material. "It would not kill a great many people, but it would contaminate a considerable area with radiation."

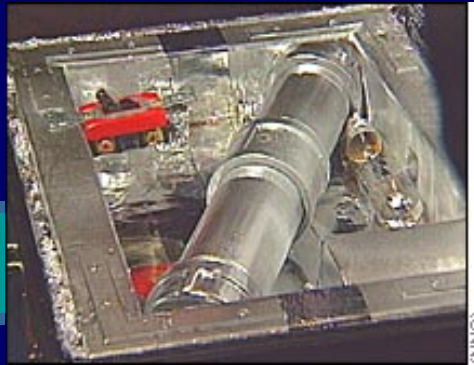




The Threat Is Real



Suitcase Bombs In America



- November 11, 2001: Osama bin Laden may have already shipped weapons of mass destruction to the U.S.
- Pakistan says the Al-Qaeda network has transported nuclear, biological, and chemical weapons there. It claims at least two briefcases containing nuclear weapons may have reached U.S. shores
- The report says Pakistani and U.S. investigators have been able to identify that at least one such weapon has been acquired by Al Qaida from Central Asian groups





The Threat Is Real

"Nuclear Warfare is the Solution for Destroying America"



الحرب النووية في حقن تدمير أمريكا

بسم الله الرحمن الرحيم

لقد لم نخطوا قرابة خمس بضع السنين توجد لكل أكبر عدد ممكن من الأمريكيان وجه الرعب النووي ثنائي لا يقتل الأمريكيان مئة ألفي الحرب العالمية الثانية أسلحتنا أمريكا هذا سلاح موفين خلال ثلاثة أيام بسببها القدرة الهائلة لتدميرنا على يولي حادير هو الآن تقوم الولايات المتحدة الأمريكية بأسلحتها أطفئ الأسلحة ونكدها قطعاً وكطراً في كساف المدنيين الأبرياء في الشرق، والعمدتين الأمريين في أفغانستان ودعم وبنا فخر الحرب الروسية ضد الشيطان جوس حيا في الروس ولكن بدلاً في المسلمين.

لقد كسفت أمريكا الحرب وأسلمة لوثت الأرض والماء والجوية بالإسماح آلاف السنين. إن قد قامت بإنتاج للتقني بالووجوم المستطد لكي ترفع أكبر ضرر في الأرض والإنسان، على تخرج من جزيرة محصه جود حركتها إلى منطقة محرومة فلا يترك أحد بعد تلك في المنجر إليها. إن كان يبدو أن جيوالات البيت الأبيض نسوا أو ناسوا شراً عاماً لتفوية هذا التشر هو وبنا التفكر والأخطار. التعليم القاعدة.

هذا التظلم الذي أثار الرعب في قلب الحرب الكافر جوجين من بلع شباب لا يمشون من الدنيا إلا وجههم لله والترسول تكلاً في إبقاء المؤسسات، بل لقد سخر هؤلاء الشباب روح النبئة في تعظيم ثلثنا. لقد انكم شانيا وأرنا منها إيترون شس أوسوي رجهتهم بما عند الله تعالى. جيا صر السهم لله جود الله كم يجهنم وتلقاه.

أيا فالتين والتمن والسن بالنسب هو إذا كان الأمريكيان يمتلكون القابيل التي تكفل لا حد بها. القاعدة كوي منهم بما تمتلك من القابيل التي تسعي «التفاني القوي» و «القابيل القابروسات القليلة»، التي سئلت من الأمريكيين بالتمرض القابيل للتحول هذا لتسبب «مئات والمئات في الالان تشوب الأخرى» التي تسبب من المدنيين الموهوبين المدنيين للأرض وسببها الأباد القاصمة أن كاحدة الجبهة بإن الله كدش كارة على تحويز أمريكا إلى بحيرة من الإسماح القاتل الذي سببها للامم القرب الهائلة. جوسبيلت أيضاً أن القاعدة ستكون عند حسن ظن العالم الإسلامي بها من كسدها إلى كسده.

لقد سكر أمريكا ومن كاتفب معها، إنهم أسدا أسلحتهم القوة ضد الضعفاء و «الآن قريف لهاتهم على يد شباب التسخرة الذين إن وكوا خولهم كيتلون عليها إلا ملتصون أو شهداء وإن الله جوكنا المدنيين نسو مؤزر.

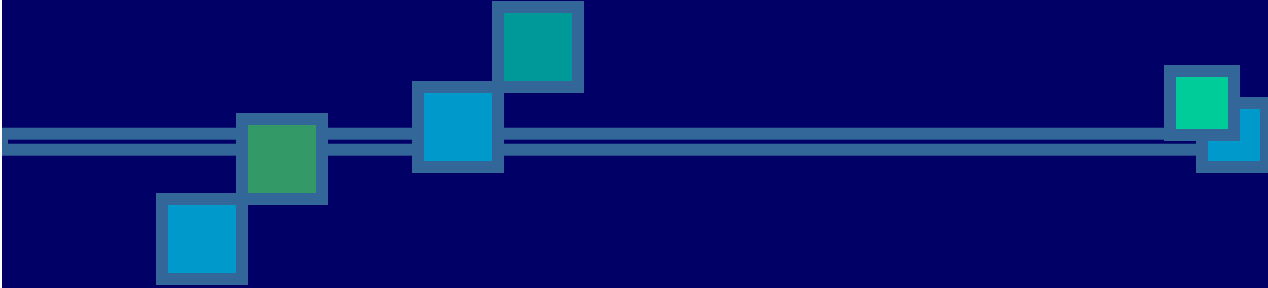
فأفكروا من دعاء إن كوكتم بالتسديد والتسدر والله كافر على كل شئ.

هذا بيان لتلبي تفتحه فيه المؤمنون لفظ لما شادين فإن أسأل الله تعالى أن يهبهم أو إن يمتل في جيش أوهمهم وأما حوكا فله سوجلتا عليه.

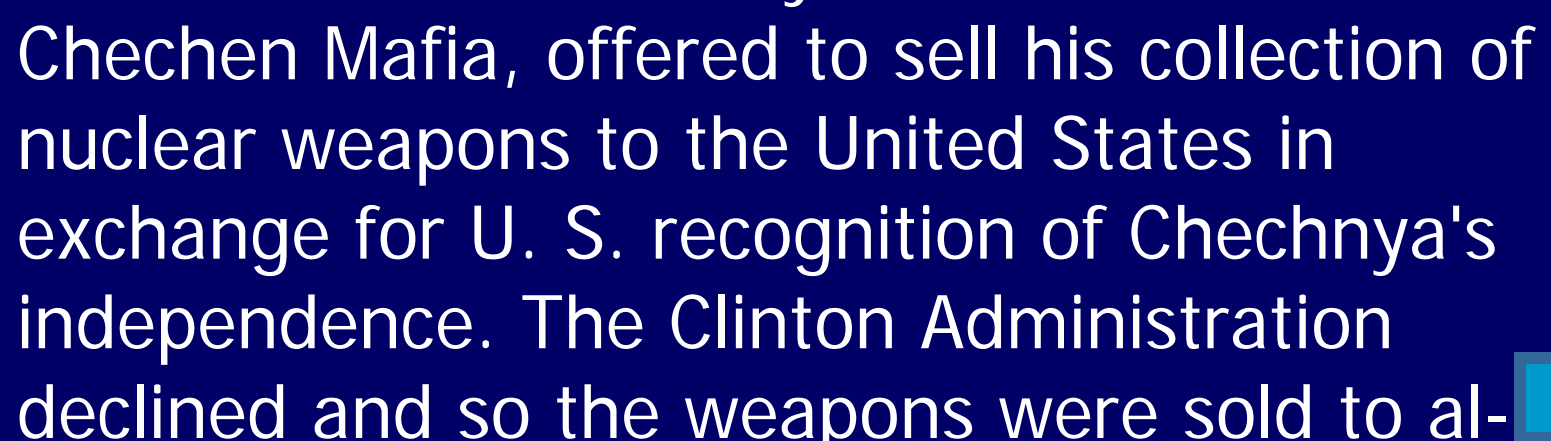
والله من وراء القصد وهو أرحم الراحمين.

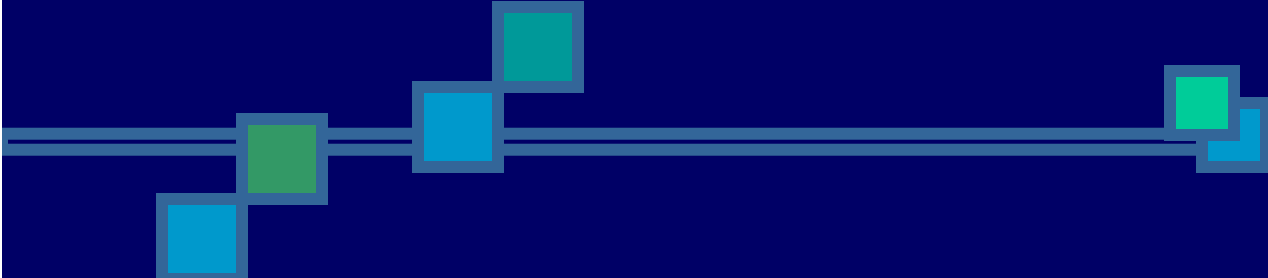
مقول
«ابو شهاب القذافي»

ترجمته: «دعوات القدير» في 02-12-26 عدد 07 AM



In 1996, Dzokhar Dudayev, the leader of the Chechen Mafia, offered to sell his collection of nuclear weapons to the United States in exchange for U. S. recognition of Chechnya's independence. The Clinton Administration declined and so the weapons were sold to al-Qaeda.





"I conclude that some post-Soviet states, mainly Russia, were the main providers of small, tactical nuclear weapons and of nuclear materials to terrorist organizations, often through organized crime contacts. I cannot exclude from this group other states or organizations (like the already broken Dr. Khan's network in Pakistan, like Libya, Iraq or Syria, like North Korea and Iran). Therefore, state-terrorist links are the most dangerous element of the present nuclear threat to the United States, its military forces and institutions abroad, and to Europe and other regions of the world."

David Dastych: A former Polish covert intelligence agent. He monitored illegal nuclear trades for an Israeli organization from 1992-1994.

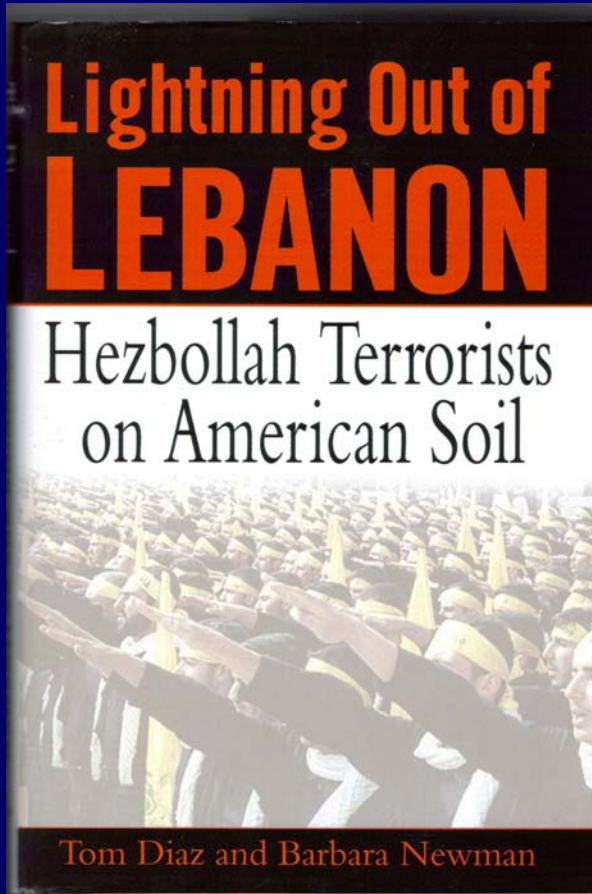


...the Terrorists Are Already Here






Intelligence

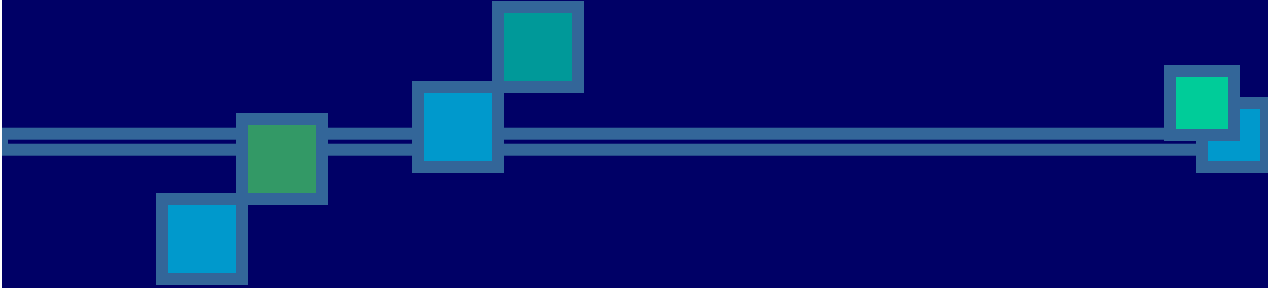


Intelligence Based Policing is the Key




The Strategy to Defeat the Terror Masters

- ANSWER THE FOLLOWING QUESTIONS:
 - Where do they train? Who is their banker? Where do they get their weapons? How do they travel? Where are they given sanctuary?
 - Saddam trained 8000 terrorists between 1998-2002
 - Saddam and AQ agreement to “attack US interests”
 - “If you do not drain the swamps, you cannot find the alligators”, Peter Huessy, NDUF/NCCIA
 - Once you answer these questions, you then need to.....
- 

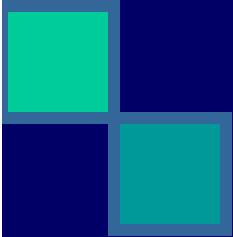



Transformation of US Capability to Fight Nuclear Terror

- Old Think: Deterrence Works w/Nation States. Jihadists/Terror Groups: Arrest Them
 - But: Conventional threats did not end with the Cold War; North Korea, China, Iran
 - Their alliance with terror groups requires new thinking
 - To stop traditional threats we still need nuclear deterrent and strong naval and air power; but
 - Traditional deterrence relied on the US and its allied counting the Soviet "beans"—tanks, bombers, missiles—and having sufficient military capability to deter aggression
 - The new Nuclear states and their terror agents: we cannot "count" the North Korean, Al Qaeda or Iranian "beans", plus we need vastly new intelligence to know where the bad guys are hiding
- 




In this Context.....

- 
- Should we (1)rely on deterrence, (2)arrest the perps after the fact, (3)or stop the attacks before they happen?
 - America's Choice: A combination of all of the above with emphasis on (1) and (3)
- 



What is the US Government doing to stop a nuclear device from being exploded on US soil?

- Traditional Deterrence; Missile Defense; Proliferation Security Initiative; Nunn-Lugar; Arms Control; Regime Change; Port Security; Financial Games
 - These Initiatives Are The Front Line of Our Security Against the Threat of a Nuclear Attack.
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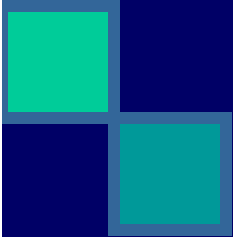



New Strategies...

- Arms Control—US has fewer nukes now than in 1958;
 - Have Demonstrated for the first time, global and layered missile defense—14 consecutive test successes. 800 interceptors by 2012
 - Securing Russian nuclear material to be completed 2010, 4 years earlier than projected in 2004, and a decade earlier than expected in 2000; 90% now secured; \$20 billion/10 years/26 countries
- 




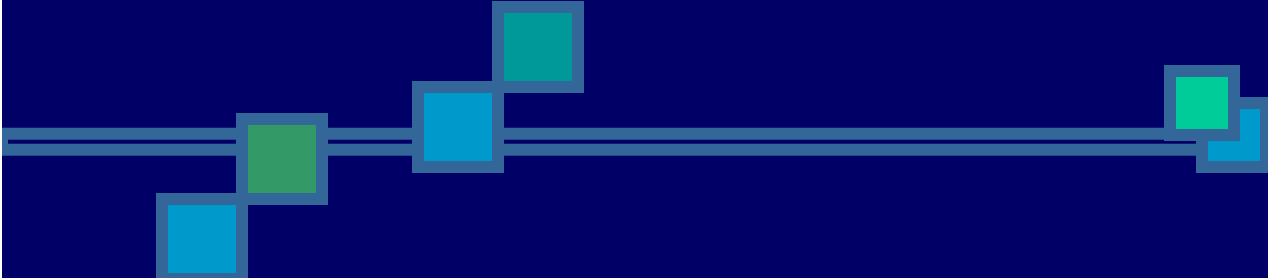
New Strategies...

- 
- 10,000 research sites world-wide—hospitals, research universities-- with nuclear material; 430 sites secured since 9/11 vs. 0 before
 - For the first time we have detectors between the source of nuclear material and the US—mega-ports, FSU, St Petersburg, Russia. 88 crossings out of the FSU have nuclear monitors
 - Rotterdam impressed with nuclear portal monitors; did not hinder trade; developing new generation of technology; transfer to Antwerp
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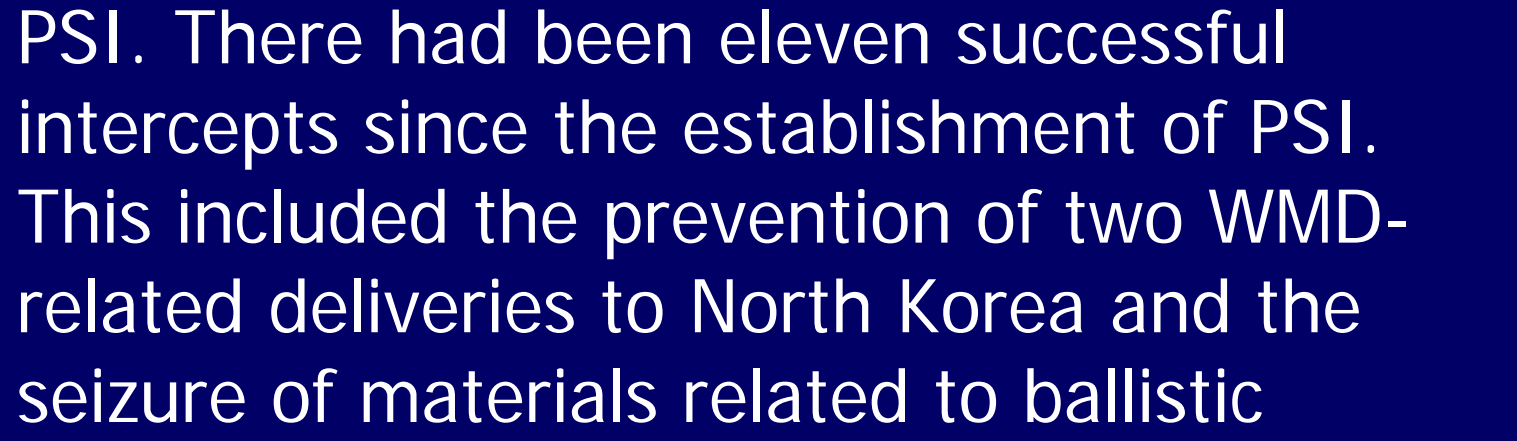



New Strategies...

- 70 Nation's members of the PSI; interdicted 13,000 nuclear centrifuges on Chinese ship run by the AQ Khan, "Nukes 'R Us outfit"; Cut-off terror/nuke financing; NY City/Missouri Retirement Funds "Terror Free"; Stole \$1 billion from NK
- 



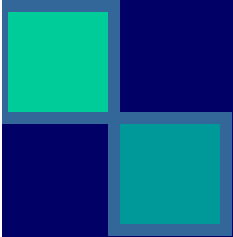
Washington has managed to persuade sixty-five other countries to become involved in PSI. There had been eleven successful intercepts since the establishment of PSI. This included the prevention of two WMD-related deliveries to North Korea and the seizure of materials related to ballistic missiles and nuclear activity en route to Iran.




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- Morocco on Monday, November 30 became the first Arab state to join a global initiative led by Russia and the United States to combat nuclear terrorism,
 - First launched at the Group of 8 summit in Russia in July
 - Participating states included Britain, China and France -- -- plus Australia, Canada, Germany, Italy, Japan, Kazakhstan, Turkey and Morocco
 - Participating states make "a commitment and build capacities to prevent the acquisition of sensitive materials by terrorist groups"



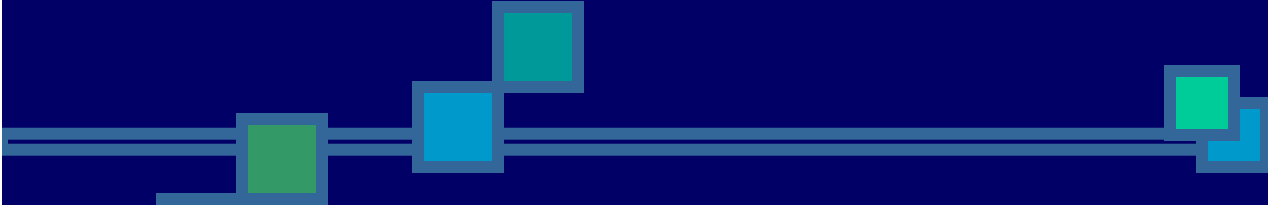
MONEY GAMES:



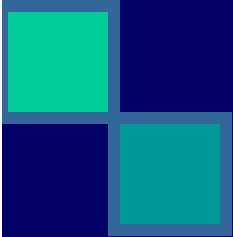
Washington - For three years, the Bush administration has waged a campaign to choke off North Korea's access to the world's financial system, where U.S. officials say the nation launders money from criminal enterprises to fuel its trade in missile technology and its efforts to build a nuclear arsenal.



U.S. pressure forced Macao this year to freeze North Korean assets in one of its banks, then foiled North Korea's panicky attempts to find friendly bankers in Vietnam, Mongolia, Singapore and Europe. And after North Korea's Oct. 9 nuclear test, China ordered some of its major banks to cease financial transactions with the country.



Evidence gathered over the decades by Washington indicates that North Korea has become what some U.S. officials call a "Soprano state." The government in Pyongyang used its embassies to coordinate illegal activities, its ships to move heroin and other contraband, and its factories to make counterfeit \$100 bills and bogus brand-name cigarettes, U.S. officials say.



Kim Jong II, the North Korean leader, used the profits to fund his nuclear program, U.S. officials say, but also to import Mercedes-Benzes, pricey cognacs and other luxury items to buy loyalty.

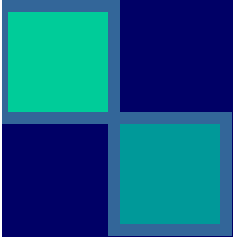

Washington fears that North Korea could decide to use its well-worn trafficking networks to sell Iran or others the hardware or know-how to make weapons of mass destruction.



So administration officials decided in 2003 to attack by unconventional means. They created the Illicit Activities Initiative, a classified, multi-agency effort aimed at curbing North Korea's black-market networks.




New Strategy...

- 
- Deter: Modernizing/Maintaining Nuclear Deterrent
 - --Minuteman III, Trident, B-2/B52's through 2020-30 or beyond
 - Interdict: 500 Portal Monitors in the US—50% of trade with the US inspected through Mega-Ports
 - Custom Trade Partnership Against Terrorism working well (CTPAT)
 - Discover: Integrated Domain Awareness (AirShip, RF Chips, Scan Tech)
- 




New Strategy...

- We need elegant intelligence to determine where the new nuclear threats may emerge
 - We need a precise capability to intercept, interdict and discover nuclear devices and terror groups/states that are building them
 - Deterrence necessary but not sufficient to deal with such threats
 - Arms Control also of Limited Value re: New and Emerging Threats—rogue states and terror groups;
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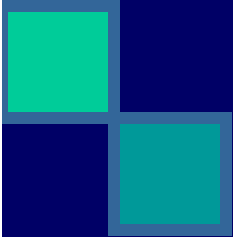


New Think: The Role of Pre-Emption?


- Old Think: Arrest Perps After an Attack—Long Standing Assumption of US culture, politics ad law enforcement
 - If terror states behind attacks: how do you arrest a country?
 - Do you want a “Mutual Assured Destruction” Relationship with North Korea, Iran, Islamic Jihad, Hezbollah or Al Qaeda?
 - General David Jones: “Keep ‘Em on the Phone for 30 Minutes”
 - “We don’t want anything from you. We want to kill you.” Hezbollah
- 

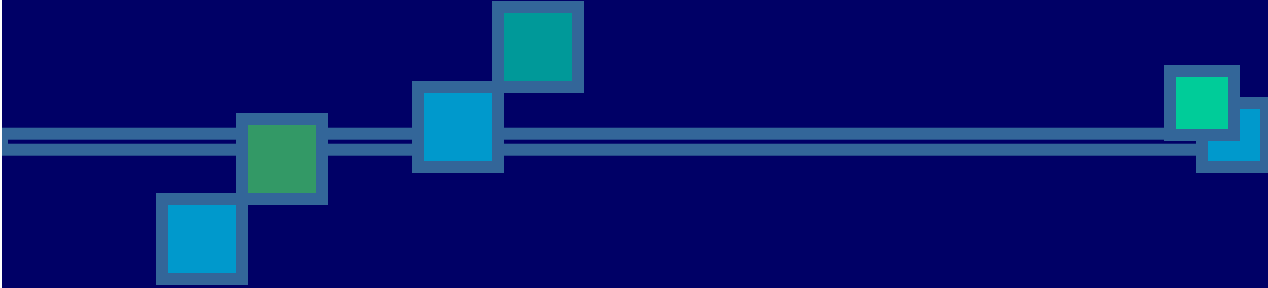


Law Enforcement:




After 12 years of dogged work hindered by corrupt judges and investigators in their own ranks, Argentine prosecutors have finally reached the point of asking a federal judge to order the arrest of senior Iranian and Hezbollah officials for the 1994 car bombing of a Jewish center in Buenos Aires.



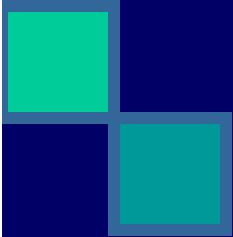


It is also a stark reminder that the reach of terrorist-sponsoring states (Iran) are aided and abetted by non-state actors (Hezbollah) operating from areas of state failure and black holes (the Tri-Border Area, where the attack was planned). This is a pattern that has been often repeated, from Sudan to Afghanistan to Syria, Libya and Iran. But it has been 12 years.....






Nuclear Forensics...




Determining the source of the nuclear bomb or material used in a terrorist attack is vital. An accurate finding “would help in restoring confidence to populations fearful of additional detonations and provide governments with evidence to pursue and find the perpetrators and eliminate further threats.”



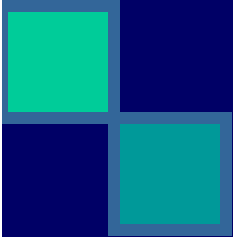



New Practices: The Role of Port and Maritime Security? Its Future Role & Best Practices?

- Is the Job Too Big?
 - 7500 miles of border
 - 95,000 miles of shorelines
 - Can We Detect HEU/Shielded Material?
 - 1000 airfields within 10,000 miles
- 



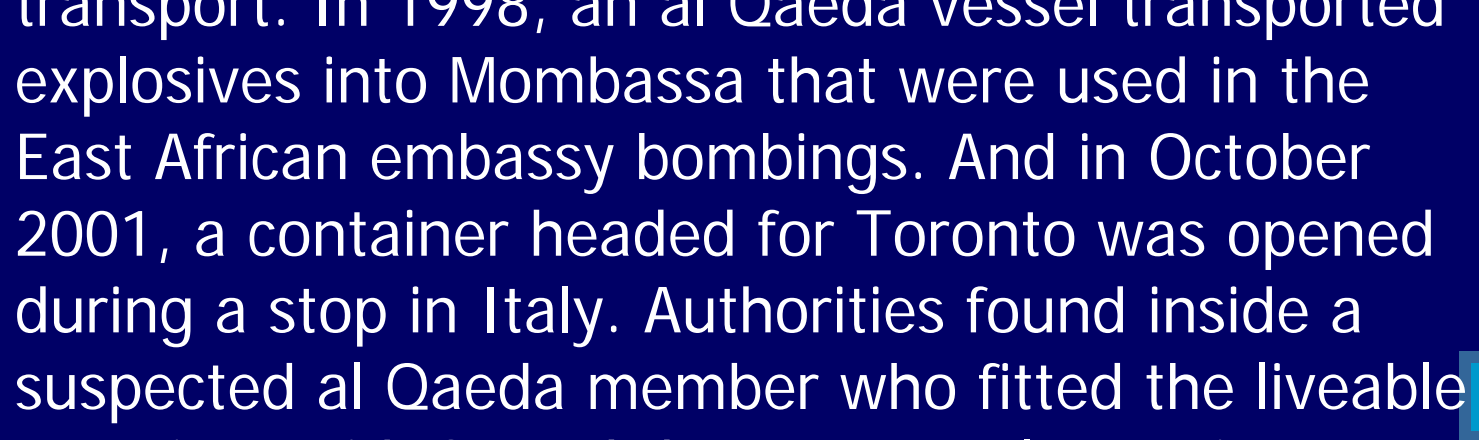
Border Security: New Thinking

- 
- Border Crossings, Visa Applications, Trade and Cargo, Screen “Bad Stuff”, Sea, Land and Air Domain Awareness
 - \$80 billion in US trade in 1960/Now at \$3 trillion
 - New Technology: Rapidscan, Veritainer, RF Mesh, High Altitude Air Ship, GPS
- 




“They won’t use ship containers”?

Terrorists have already used such containers for transport. In 1998, an al Qaeda vessel transported explosives into Mombassa that were used in the East African embassy bombings. And in October 2001, a container headed for Toronto was opened during a stop in Italy. Authorities found inside a suspected al Qaeda member who fitted the liveable container with forged documents, electronics equipment, and blueprints and floor plans of a number of facilities throughout North America.





Project Sea-Hawk: Port and Maritime Security

- Since 9/11, What Have We Been Doing?
 - How Far Are We Toward Achieving our Goals?
 - What is the Proper Role of Port and Maritime Security?
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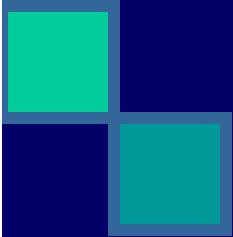



Best Practices

- Set Standards, International and National and Let Industry Adopt Best Practices
 - Assessment of Technology
 - Sharing Best Practices
 - Standards and Protocols Not yet Developed
- 

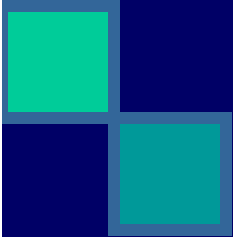



Best Practices

- 
- Information Sharing
 - Authority to Take Action if Material Detected
 - How to Measure Effectiveness? Metrics?
 - Do Practices to Lessen Theft Also Deter Smuggling? Yes!
- 

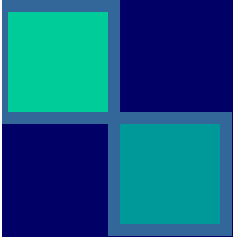



Problems and Potholes

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- The media doesn't understand most of this
 - Some members of Congress pushing for 100% inspection—Hong Kong anecdote
 - Public poorly educated on global supply chain
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Recommendations

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- What Can Technology Do? Let's Find out and share the information
 - Intelligence Sharing Critical to Focus Efforts
 - Media & Public Education Critical
 - Homeland Security Professionals Must Network
 - Public Officials: Education Most Critical-Yes, It's a Thankless Job But I Volunteer to Do It!
- 

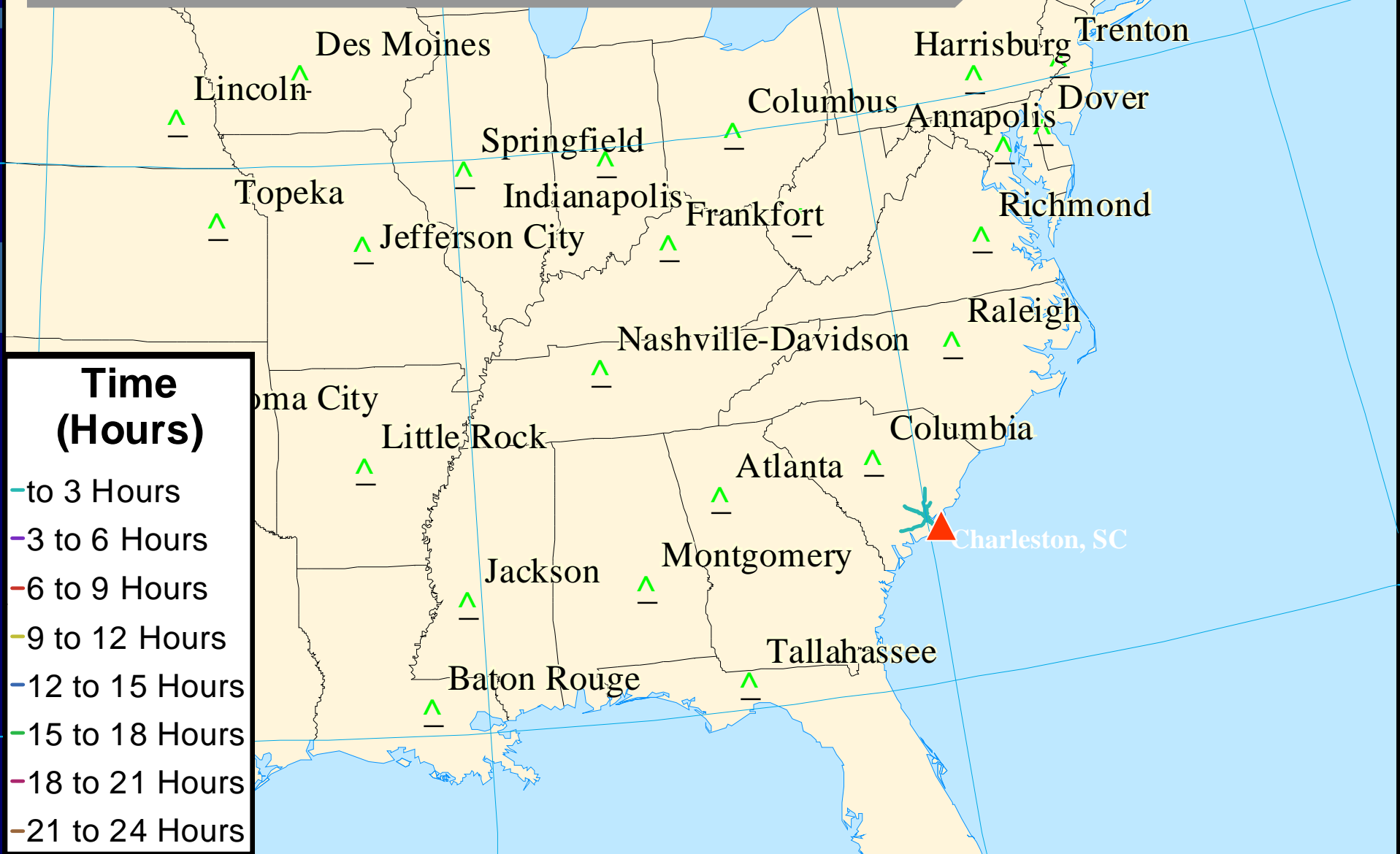


Why We Stop the Stuff Before It gets Here

- By rail, by truck, once it is past our ports, this is where it goes and when.....
- 

Rail Time of Travel Analysis (CSX)

3 Hours



Rail Time of Travel Analysis

3 to 6 Hours



Rail Time of Travel Analysis

6 to 9 Hours



Rail Time of Travel Analysis

9 to 12 Hours



Rail Time of Travel Analysis

12 to 15 Hours



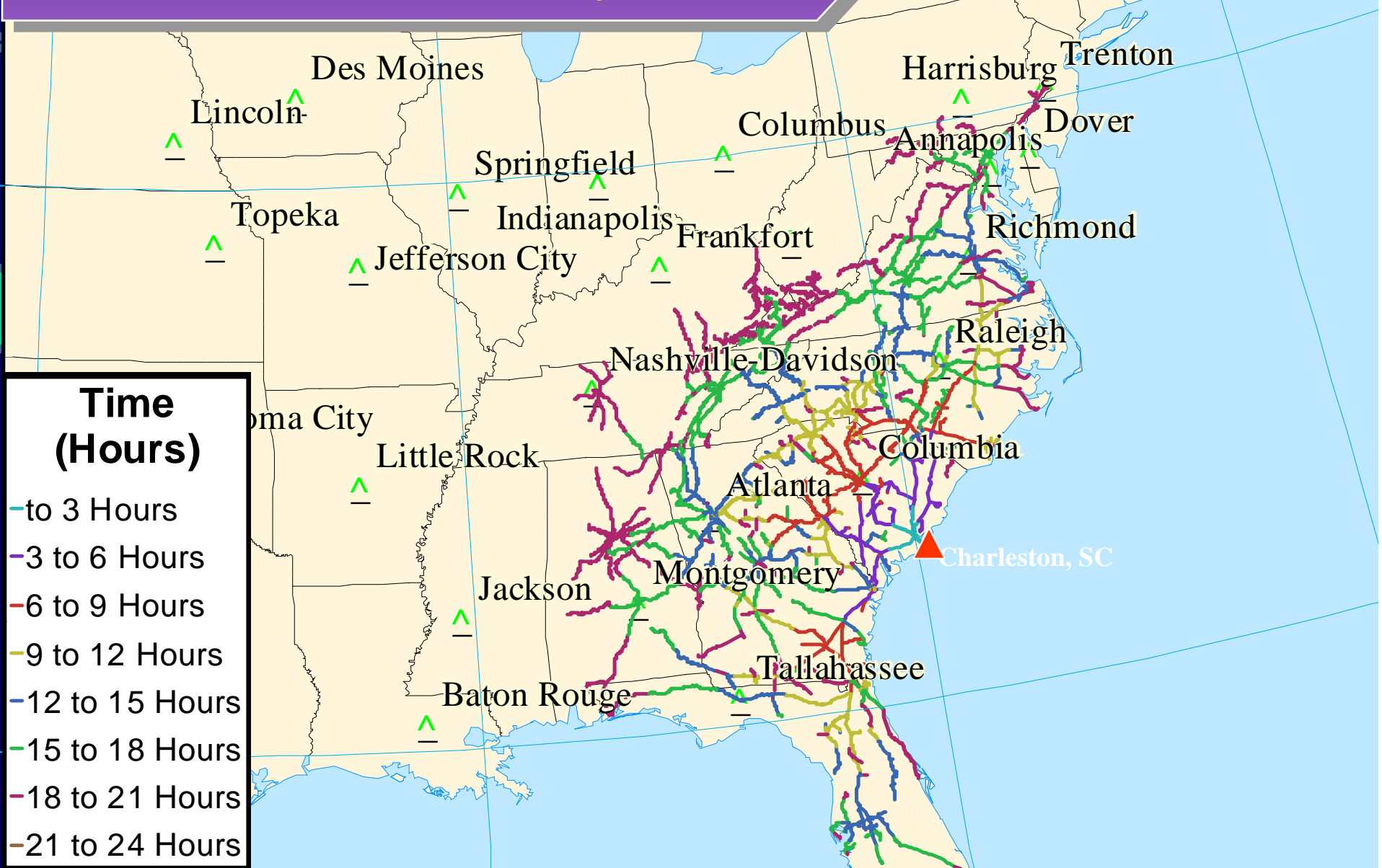
Rail Time of Travel Analysis

15 to 18 Hours



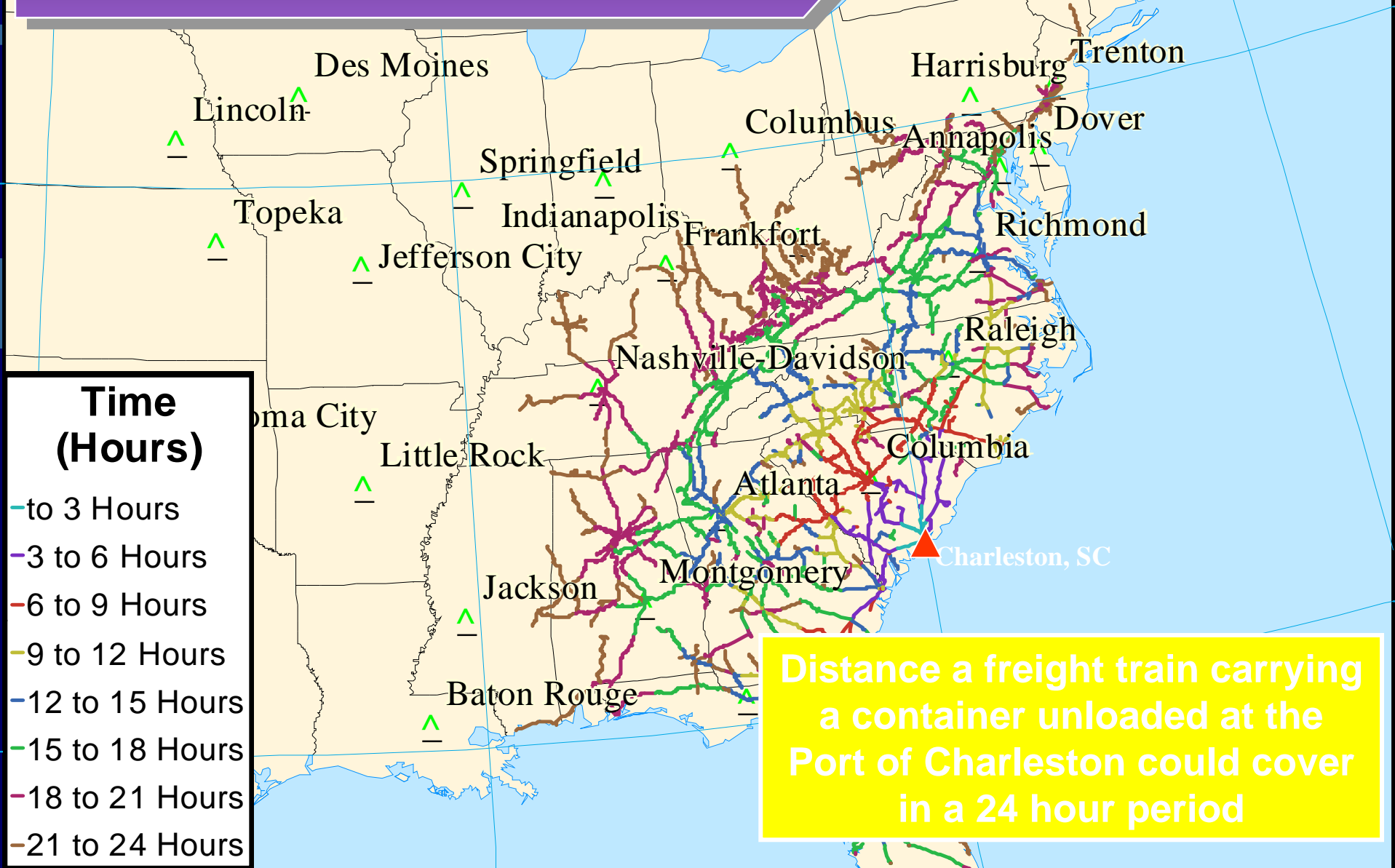
Rail Time of Travel Analysis

18 to 21 Hours



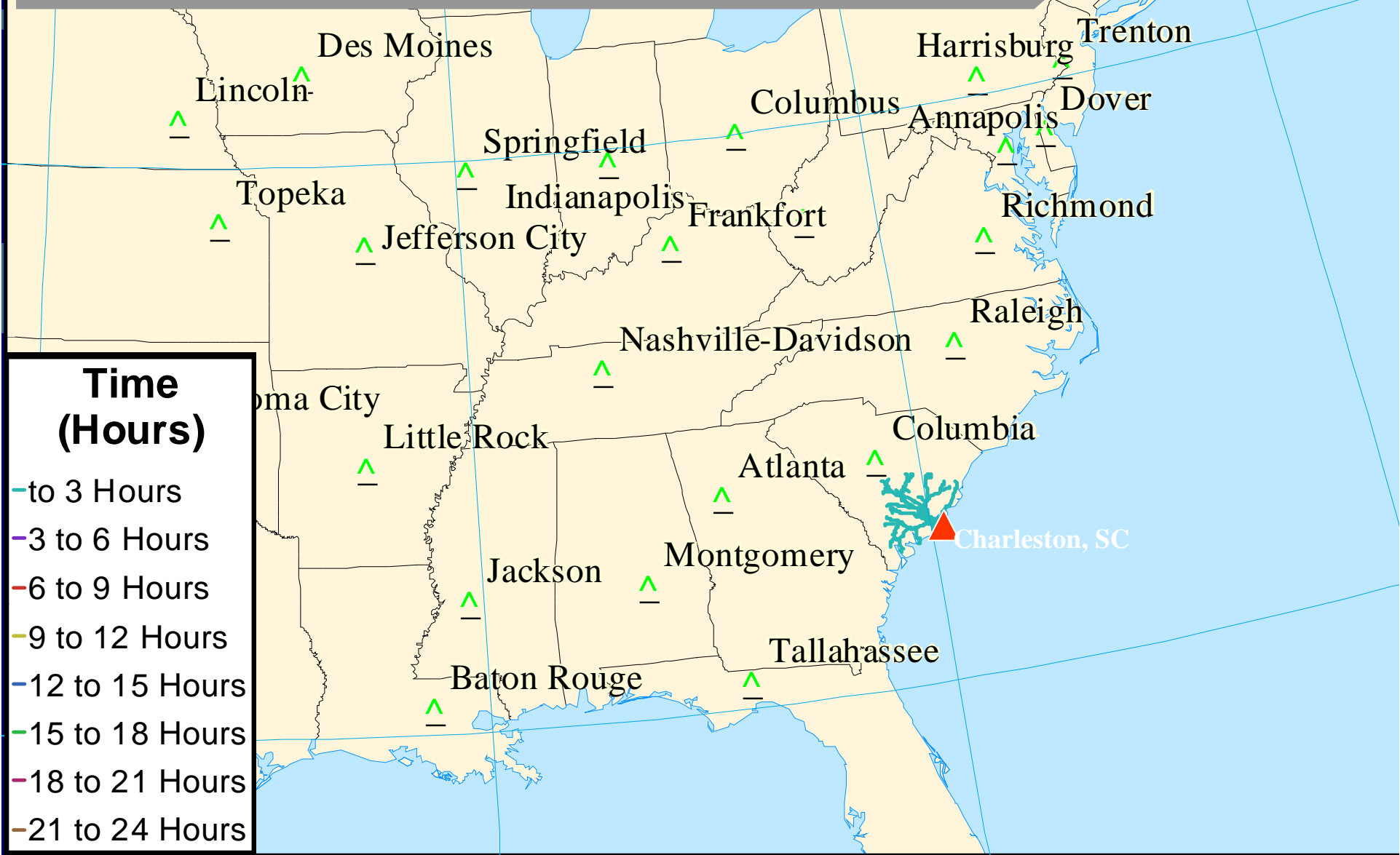
Rail Time of Travel Analysis

21 to 24 Hours



Rapid Intermodal Cargo Movement

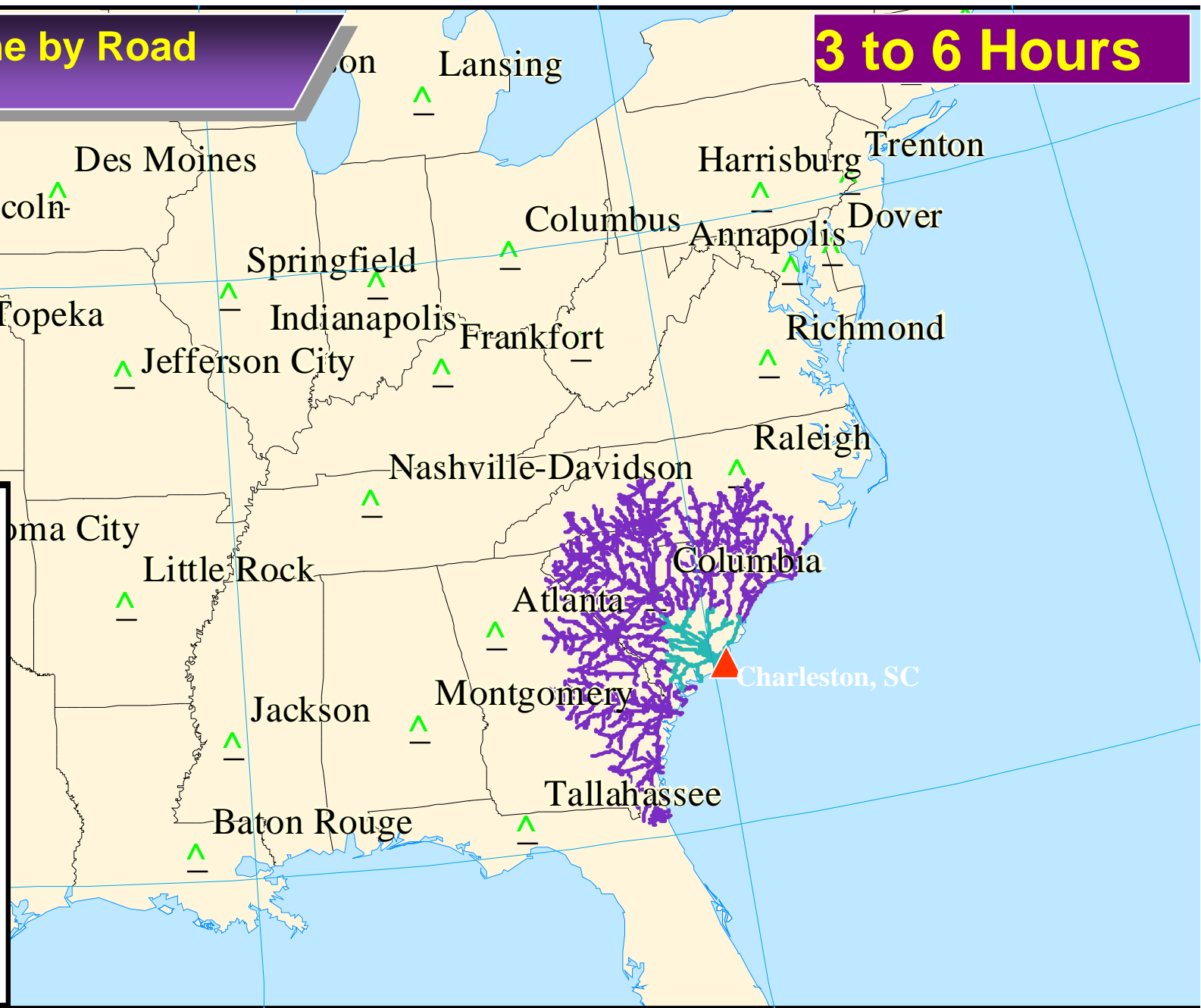
3 Hours



Travel Time by Road

3 to 6 Hours

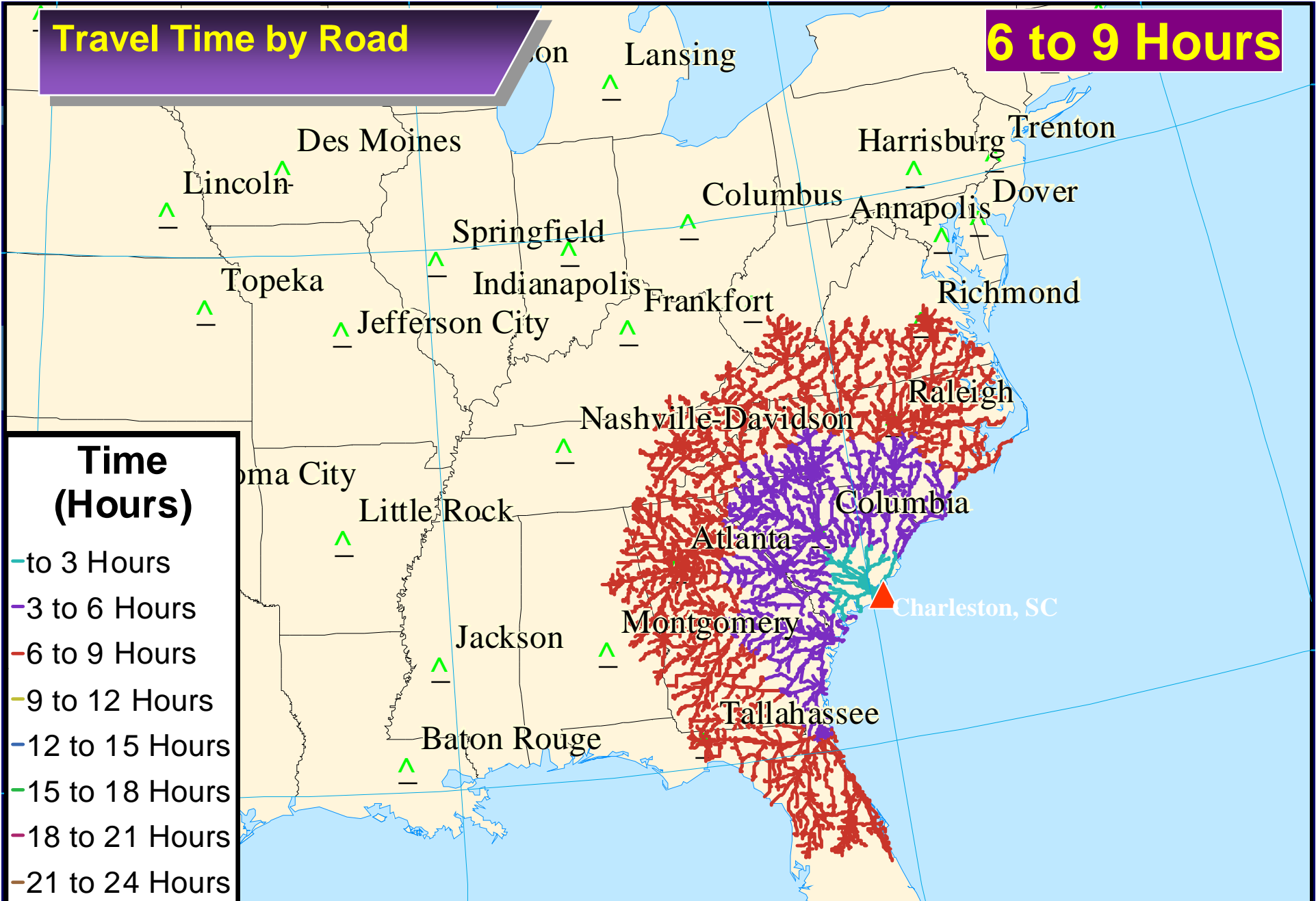
- Time (Hours)**
- to 3 Hours
 - 3 to 6 Hours
 - 6 to 9 Hours
 - 9 to 12 Hours
 - 12 to 15 Hours
 - 15 to 18 Hours
 - 18 to 21 Hours
 - 21 to 24 Hours



Travel Time by Road

6 to 9 Hours

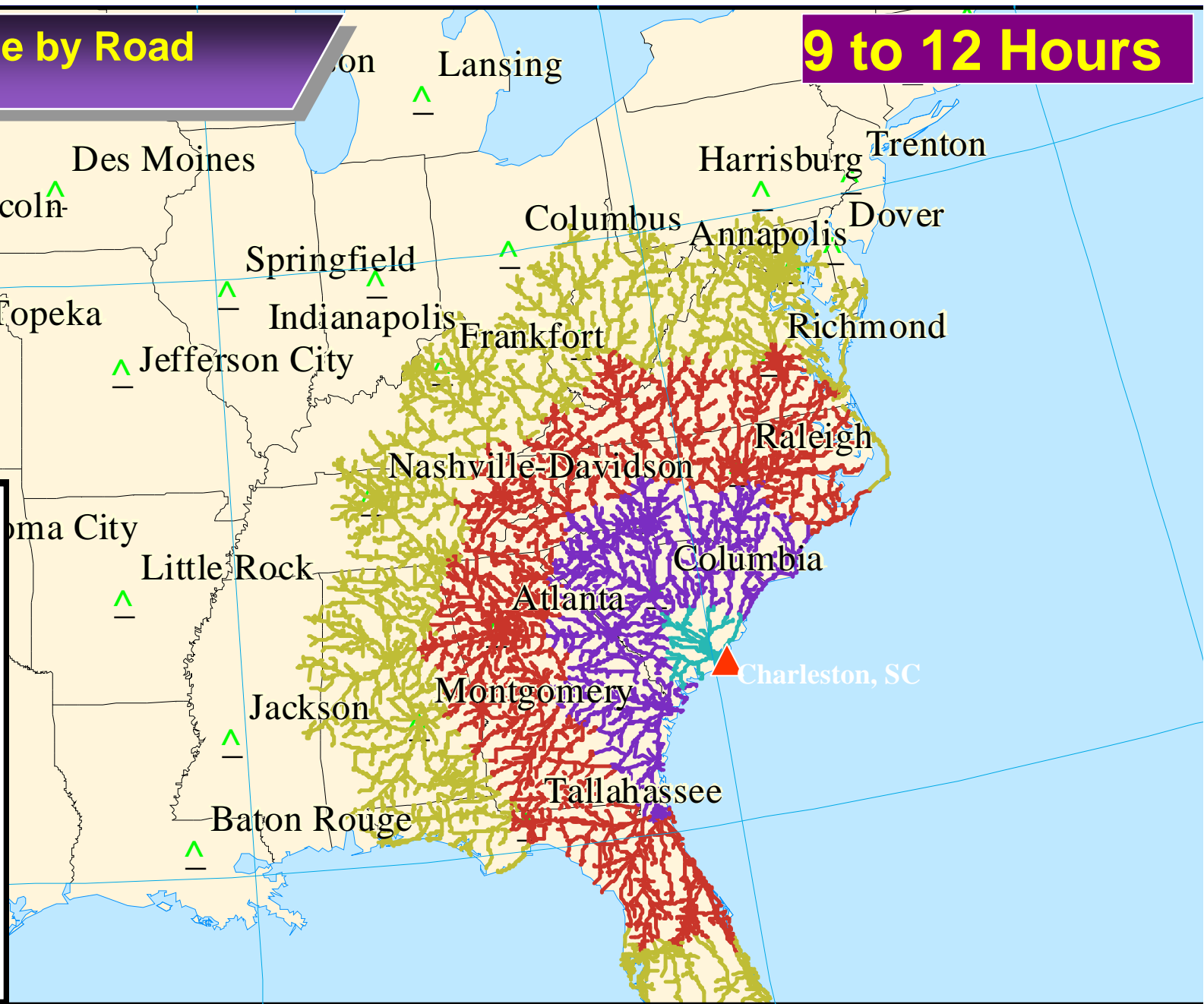
- Time (Hours)**
- to 3 Hours
 - 3 to 6 Hours
 - 6 to 9 Hours
 - 9 to 12 Hours
 - 12 to 15 Hours
 - 15 to 18 Hours
 - 18 to 21 Hours
 - 21 to 24 Hours



Travel Time by Road

9 to 12 Hours

Time (Hours)
to 3 Hours
3 to 6 Hours
6 to 9 Hours
9 to 12 Hours
12 to 15 Hours
15 to 18 Hours
18 to 21 Hours
21 to 24 Hours



Travel Time by Road

12 to 15 Hours

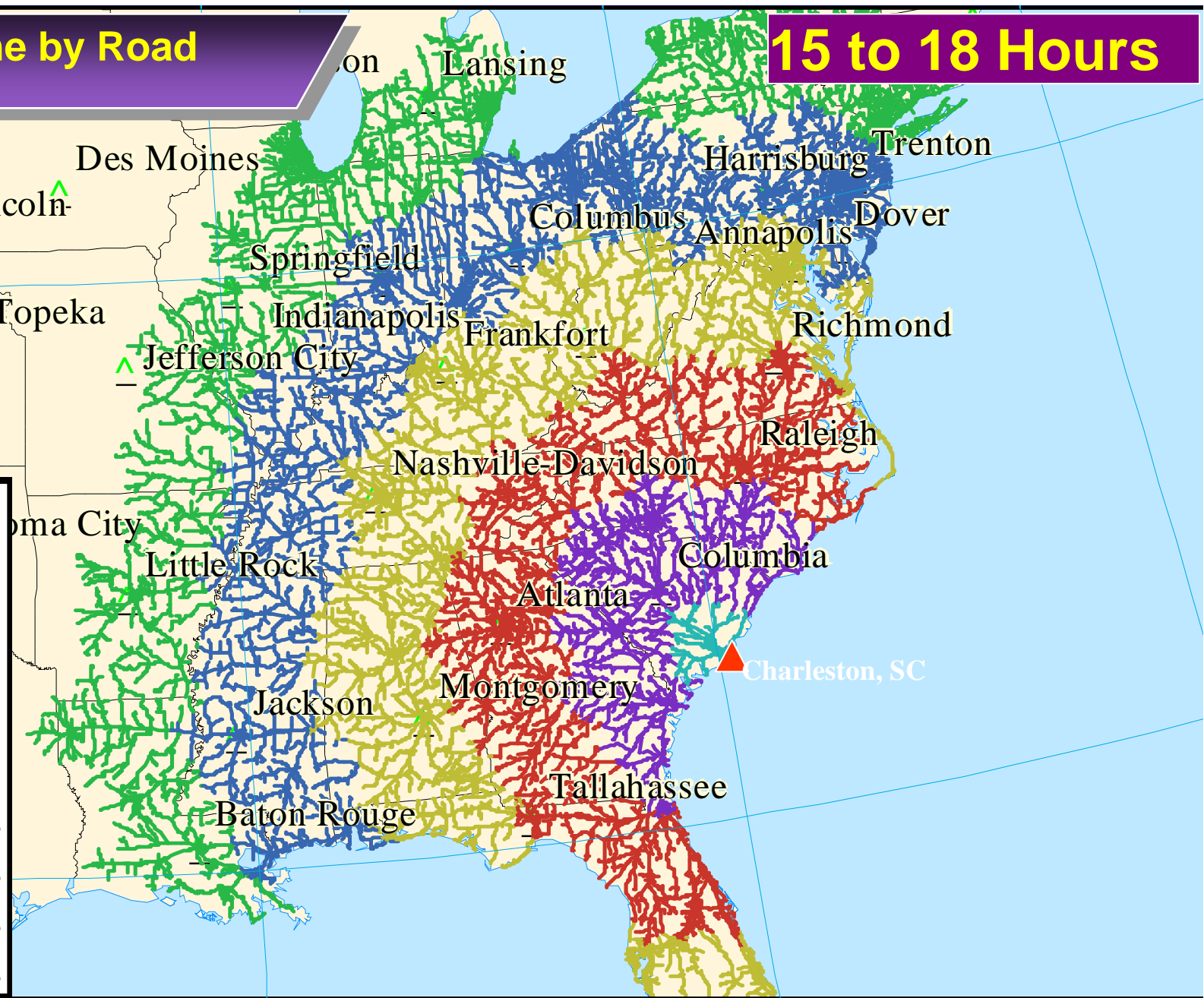
- Time (Hours)**
- to 3 Hours
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 - 15 to 18 Hours
 - 18 to 21 Hours
 - 21 to 24 Hours



Travel Time by Road

15 to 18 Hours

- Time (Hours)**
- to 3 Hours
 - 3 to 6 Hours
 - 6 to 9 Hours
 - 9 to 12 Hours
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 - 18 to 21 Hours
 - 21 to 24 Hours



Travel Time by Road

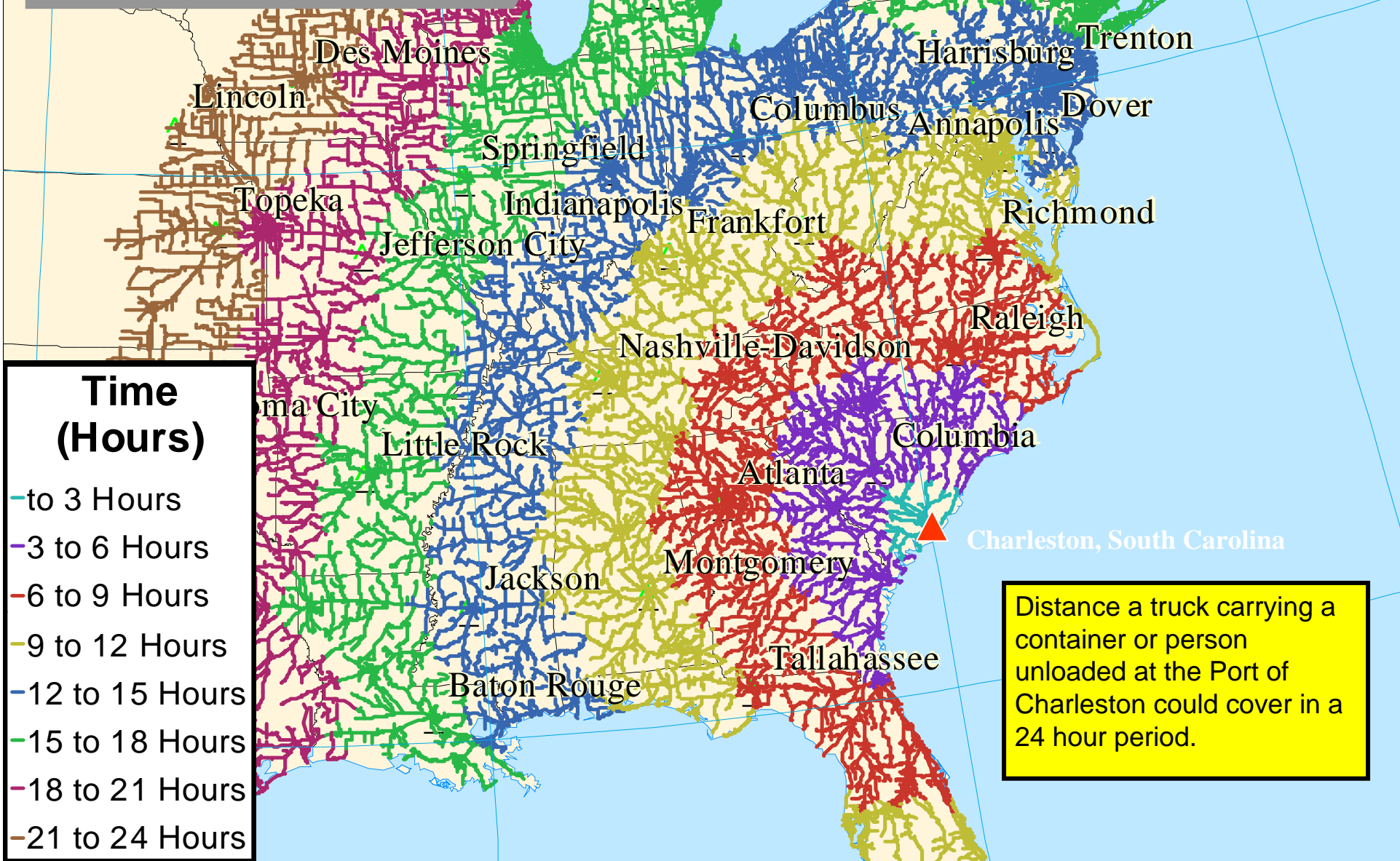
18 to 21 Hours

- Time (Hours)**
- to 3 Hours
 - 3 to 6 Hours
 - 6 to 9 Hours
 - 9 to 12 Hours
 - 12 to 15 Hours
 - 15 to 18 Hours
 - 18 to 21 Hours
 - 21 to 24 Hours



Travel Time by Road

At 24 Hours





Project SeaHawk. Predicated on the idea that port and intermodal transportation security can only be achieved by interagency cooperation, joint operations, unity of command, and the sharing of information and intelligence.





DOJ Has Jurisdictional Responsibility

Creation of a U.S. Attorney's Office Anti-Terrorism Task Force in Each District



Department of Justice

WEDNESDAY, MAY 29, 2002
WWW.USDOJ.GOV

(202) 514-2008
TDD (202) 514-1888

FACT SHEET
**SHIFTING FROM PROSECUTION TO PREVENTION,
REDESIGNING THE JUSTICE DEPARTMENT TO
PREVENT
FUTURE ACTS OF TERRORISM**

"When terrorism threatens our future, we cannot afford to live in the past. We must focus on our core mission and responsibilities, understanding that the department will not be all things to all people. We cannot do everything we once did because lives now depend on us doing a few things very well." -- Attorney General John Ashcroft

Crafting an Overall Blueprint for Change,



Law Enforcement Has a Crime Fighting Mission

Prevention Is The First Priority

"This new terrorism threat on our soil is a turning point in America's history. It is a new challenge for law enforcement. Our fight against terrorism is not merely or primarily a criminal justice endeavor. We cannot wait for terrorists to strike to begin our work. The death tolls are too high, the consequences too great."

"We must prevent first, prosecute second."

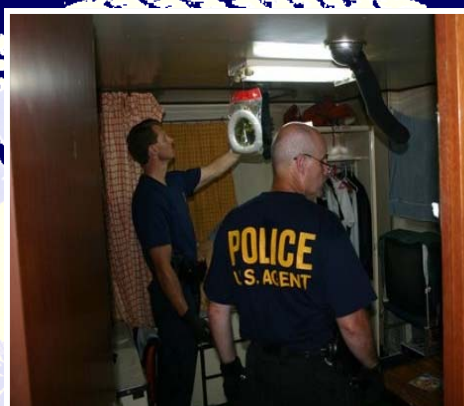
Attorney General John Ashcroft
September 24, 2001
Senate Committee on the Judiciary



Project SeaHawk Task Force



Gate Strikes



Customs Searches



Vessel boardings



Marine Escorts



**Pre-Incident
Indicator Data
Collection**



Radiological Detector Checks



SeaHawk as a National Model



National Maritime Strategy Announced on Sept 20, 2005



- The **Departments of Homeland Security, Defense, and Justice ... will lead the United States' efforts to integrate and align all U.S. Government maritime security programs and initiatives** into a comprehensive, cohesive national effort of scalable, layered security. This includes full alignment and coordination with appropriate state and local agencies, the private sector, and other nations.
- Additionally, the **Departments of Homeland Security, Defense, and Justice** will oversee the **implementation of a shared situational awareness capability that integrates intelligence, surveillance, reconnaissance, navigation systems, and other operational information inputs**, combined with access at multiple levels throughout the United States Government.
- Wherever feasible and operationally effective, **agencies should co-locate in multi-agency centers** to facilitate direct interaction and efficient use of limited resources.



Project SeaHawk



Seahawk's reassuring readiness

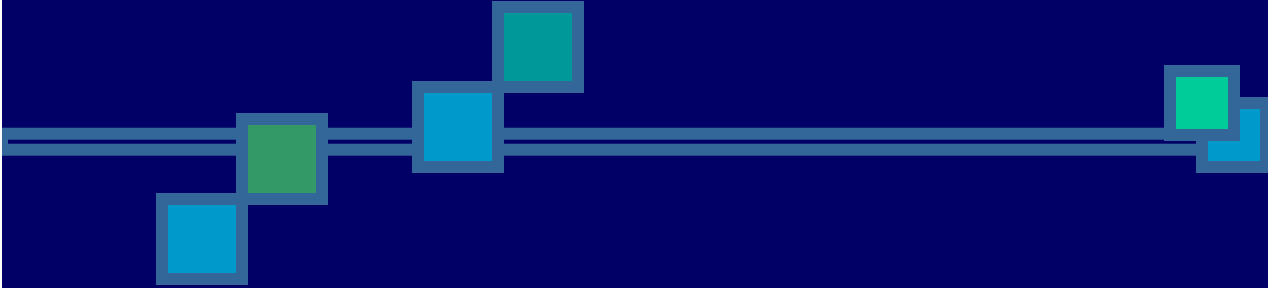
In the more than four years since the 9/11 attacks gave a chilling new gravity to the term "homeland security," persisting deficiencies in communications between government agencies have raised justified concerns about a key element in the nation's counterterrorism capabilities. But South Carolina Sen. Lindsey Graham offered a positive assessment of the progress made on that front by Project Seahawk Tuesday after an on-site review of the Charleston-based maritime-security initiative.

And with the U.S. Department of Homeland Security scheduled to conduct a drill testing the official response to a terror-attack "radiological incident" — possibly a so-called "dirty bomb" — in Charleston Harbor Monday, it's reassuring that with Seahawk, at least, plans are in place to allow security personnel to share what they know in a timely manner.


More than 50 government agencies and private contractors work together on Seahawk, which stays in operation 24 hours a day. Sen. Graham told our reporter that he was impressed by the project's capacity to minimize bureaucratic delays in conveying critical information. As he put it, members of the collaborative task force based here "could literally turn around and talk to each other without a phone."

Saving time could save lots of lives if terrorists attempt to strike against a U.S. port, including Charleston. The menace of a devastating weapon hidden in one of approximately 5,000 shipping containers that come through this port each day demands heightened defenses of what Sen. Graham accurately called "a high-value target."

Project Seahawk apparently is a high-value investment of taxpayer money. Other Homeland Security initiatives should learn from and emulate this successful model.



Congressman Brown has worked tirelessly in the House to advocate SeaHawk, and noted in a letter signed by the House Port Security Caucus that "Project SeaHawk has made the Port of Charleston the only port facility in the U.S. that utilizes a revolutionary integrated law enforcement approach, which far outpaces the effectiveness of other systems against today's sophisticated threats." The highest level officials at DHS and DOD have praised the project and the full partnership between these agencies and DOJ









1993: TERRORISTS ATTACK THE WORLD TRADE CENTER, KILLING 6 AND INJURING MORE THAN 1000.



1995: TERRORISTS BOMB U.S. HEADQUARTERS IN RIYADH, SAUDI ARABIA, KILLING 5 AMERICANS.



1996: TERRORISTS BOMB AL-KHOBAR TOWERS, KILLING 19 U.S. SERVICEMEN AND WOUNDING 300.



1998: TERRORISTS BOMB UNITED STATES EMBASSIES IN KENYA AND TANZANIA, KILLING 24.



2000: TERRORISTS ATTACK THE USS COLE, KILLING 17 SAILORS AND INJURING 39.



2006: ABC NRS 9/11 MINI-SERIES.

THE PATH TO 9/11

www.thefox.com/cartoons