

An Architektur
 Geography of the Fürth
 Departure Center, 2004

This map was produced by Progressive Media for A2R, 2006.

A2R is a public, social experiment in which people are invited to use Progressive Media's portable air monitoring device to explore their neighborhoods and urban environments for pollution and fossil fuel burning hotspots. While A2R is designed to be a tool for individuals and groups to self-identify pollution sources, it also serves as a platform to discuss energy politics and their impact on environment, health and social justice in specific regions.

For more information, visit: <http://www.p-a2r.net>.

A2R was made possible with support from Redburn and Lower Manhattan Cultural Council's 2005 Social Sculpture Commission.

oil

Incoming Crude Oil to the US: 10,056,000 barrels/day ; US Crude Oil Production: 5,121,000 barrels/day
(billion of oil per barrel: 42)



The Fossil Fuel Fix

brought to US from

gas

Top US Suppliers of Natural Gas: Texas, Gulf of Mexico, Oklahoma, New Mexico, Wyoming
Domestic Natural Gas Production = 81% of Total US Consumption (22.3 trillion cubic feet)
Top Importers of Natural Gas to US: Canada, Mexico, Algeria, Trinidad, Egypt, Nigeria
Top Natural Gas-Producing Countries: Russia, USA, UK, Canada, UK, Indonesia
Top Natural Gas-Consuming Countries: USA, Russia, UK, Germany, Canada, Japan
Top Uses of Natural Gas in US: Industrial, Residential, Commercial, Electric Power

coal

US Coal Production: 13.53.5 million tons/year; US Consumption: 13.28.5 million tons/year
Top 5 Coal-Producing States: Wyoming, West Virginia, Kentucky, Pennsylvania, Texas
Top 5 Coal-Consuming Countries: China, USA, India, Russia, Japan
Top 5 Coal-Producing Countries: China, USA, India, Australia, Russia
Top Uses for Coal in US: Electrical Power, Industrial, Making steel, Export
For each unit of energy produced, coal produces more CO2 than oil or gas.
The average American consumes 20 pounds of coal/day.



Top 100 Countries:

1. USA
2. China
3. European Union
4. Russia
5. Japan

In 2000, the World Health Organization (WHO) reported that between 1990 and 2000, the number of deaths from air pollution increased by 1.5 million. This is a significant increase, especially in the developing world. WHO is now working to reduce the health impacts of air pollution.



THE NORTHWEST PASSAGE

or Can a die n in ternal
 Vectors, the a su as of globe I wa
 rning, the p an sage in de
 ar of ice for a sig nificant per lo d
 al ti me, mak ing it possible for the e
 vents al u an of the route for global shipping and
 military al u an of the route for global shipping and
 o is in qu e stion—Canada claims that it is part of its
 coast al shelf and has taken steps to mark it
 s territory but other nations, includin
 g the United States, claim that it transse
 a istens ational waters and should not
 be control ed by Canadian interests. If th
 e Northwest passage was opened, it would pr
 vide a faster ro ute from west to east and would be a
 ble to accommodate larger vessels than the Panama Ca
 nal can currently manage. It would also create potent
 ial environmental problems—what would happen
 if an oil tanker ran aground in these waters?

THE NATURAL FLEET

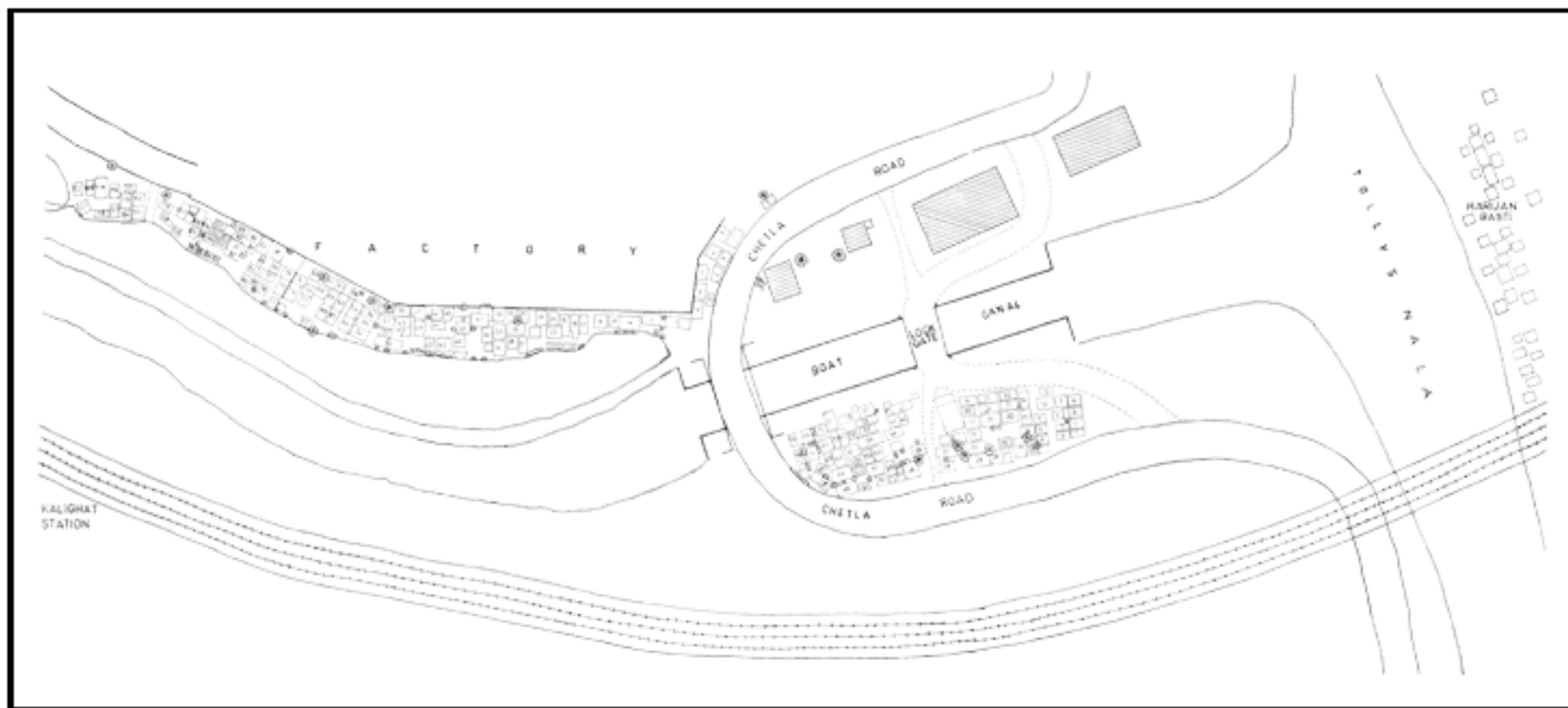
The Bay Reserve Fleet is now situated here
 w on the "ghost fleet" or the "mothball fleet." Ap
 proximately 96 American military ships—battleships, br
 igades, and aircraft carriers dating from World War II or
 the Vietnam War are stored in Ruler Bay, near San Francisco.
 These are part of the National Reserve Defense Fleet, a
 vessel by the U.S. Navy and the Maritime Administration.
 Other NREF ships are located in James River,
 Virginia, and Document, Texas. Some ships are in
 atached in readiness, to be deployed in civil or
 military emergencies. Others seek the scrapyard
 4 in developing countries such as Bangladesh—wh
 ere contractors take advantage of low-wage labor co
 sts, and less enforcement of environmental, lab
 or, health, and safety regulations. Ships a
 re also donated to individuals or at
 to be sunk and raised. The Canal Zo
 ne is a U.S. territory c
 1960 until 19
 1960. It was given to the U.S. after t
 he "bloodless revolution"
 ended French Colum
 bus Canal itself, couple
 times by French inter
 res a typical American
 American Panamanian
 marine flags wer
 e of protest in the 19
 1960s, and the Sino
 there for almost thirty yea
 al Zone were restored
 1999. However, aggre
 ss p p an with t
 f ships an
 out o
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THE CANAL ZONE

Frederick W. Wagoner's 1977 documentary, "Canal Zone," plots
 the location as Central
 re were excluded from most jobs in the Canal Zone, and Pana
 e not permitted to fly (although several were placed in ser
 1960s). American military bases were on n
 of the Americas opened
 re. The Canal and the Can
 to Panamanian control in 1
 vantage must be in ada to ke
 be increasing also o
 d the enormous amo
 f traffic thro
 the Canal.



Pedro Lasch
LATINO/A AMERICA, 2006



Unnayan
Chetla Lock Gate, Marginal Land Settlement
in Calcutta (now Kolkata), 1984

ROUTES OF LEAST SURVEILLANCE

MANHATTAN, USA CIRCA 2001

Based on the iSee project by
the Institute for Applied Autonomy

Camera location data collected by:
• The New York Civil Liberties Union
• The Surveillance Camera Players
• The Institute for Applied Autonomy

Map designed by SITE-R

Key

- Surveillance Camera
- Path of Least Surveillance



Itan is a model Columbia student who estimates a 3.7 average, and is active in student government. However, his mostly blue and military clothing makes him a target for video surveillance - which is especially problematic when he's off to purchase marijuana from the friendly vendors in Thompson Square Park.



The thought of unsupervised male camera operators ogling her on the way home from the gym makes her wince. She knows that the cameras at Chelsea Park give her a wide berth... especially during the winter months when she isn't wearing her full-length parka!



Although he is modest, Rafi's olive complexion and dark hair make him occasionally attractive to surveillance camera operators. He is particularly careful to avoid CCTV on his way to the market from his local mosque after evening prayers.



Ray is an anti-globalization activist organizing an April 19th, 2001 anti-war protest march. Knowing that the New York Police Department increasingly relies on surveillance footage to locate activist protesters, she is planning a route that avoids as many cameras as possible.



It's a 30-second software engineer who spends his free time reading conspiracy novels and posting to his blog, "Where the Hell James is?" He may never be located since it's hard to pick up prescription medication, but when he does, it's known that "they" are watching his every move.

Source: Federal Aviation Administration and Eurocontrol Flight Logs

