

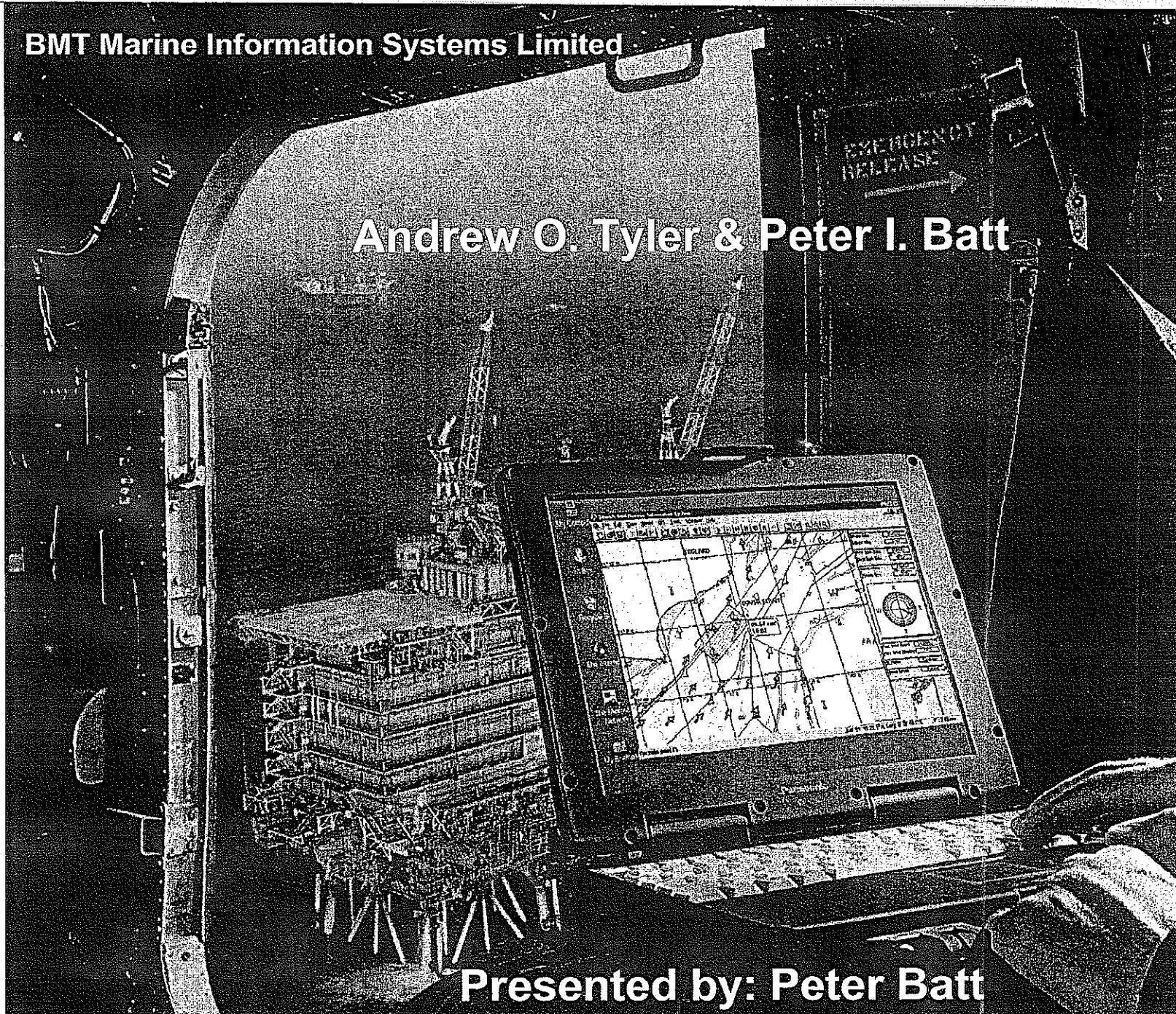


Oil Spill in a Wired World

BMT Marine Information Systems Limited

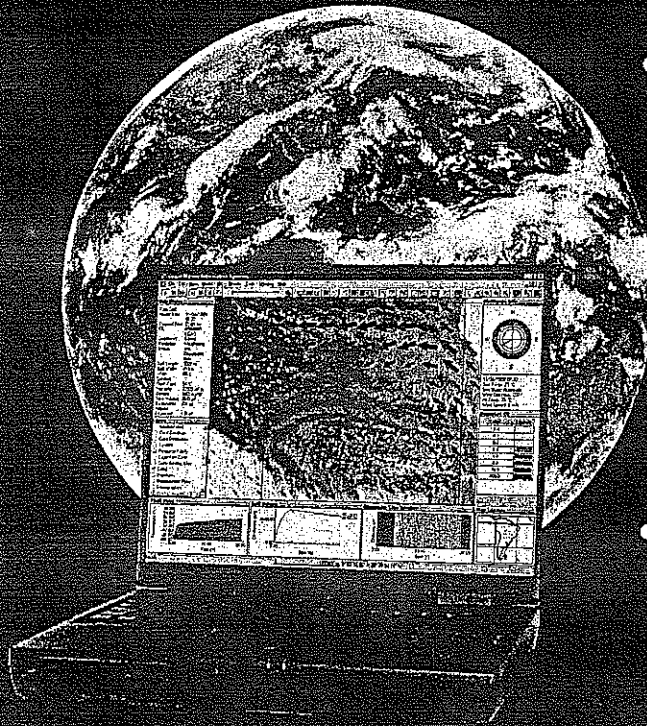
Andrew O. Tyler & Peter I. Batt

Presented by: Peter Batt



New Technology

Buying into Options for the Future



- Enabling Technologies
- Information Dissemination & Filtering
- Communications

Summary

- **Wide Range of Emerging and New Technology in the internet/communications field**
- **Unclear how and to what extent this will affect our working practices**
- **Generally Much More User Driven**
- **Innovation and Market Education Still Very Important**
- **The Internet is currently considered by the authors to be an alternative delivery mechanism to be offered alongside traditional delivery methods**

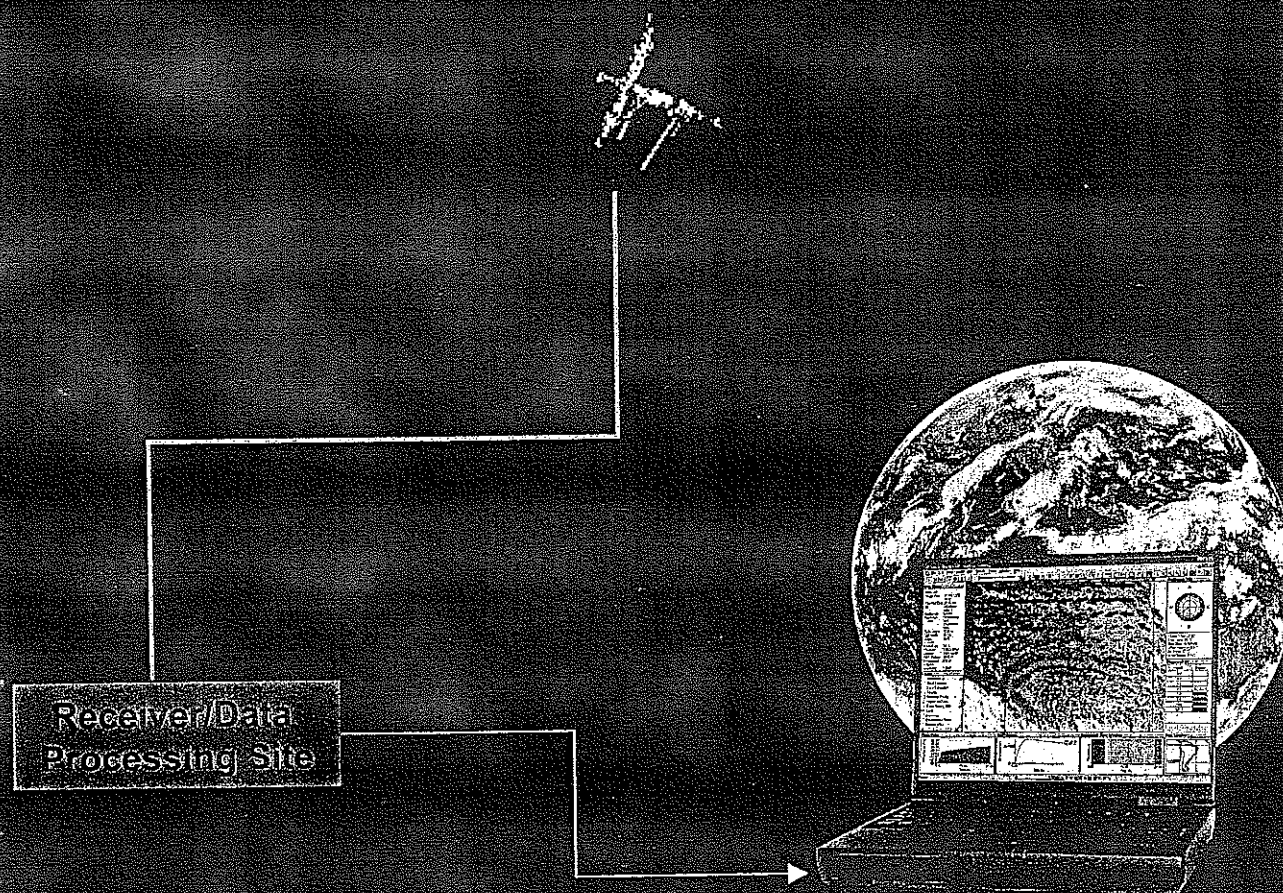
Other Technologies

Other Examples

- **Oil Slick Tracking Buoys
Positions by e-mail**
- **Automatic Identification of Ships
(UAIS)**
- **Oil Spill Information Systems
Web Enabled**
- **WAP Based Information Systems**

Other Technologies

Application of EO/Remote Sensing to Oil Spill



Data Providers

marinedatabroker
01000010101.com
01010101010000

User Receive



Environmental Data

Enabling Technology - Internet Data Broker

Overall Objective:

Development of a seamless, minimum intervention link (Data Broker) to allow end users working in the marine environmental emergency application domain to access and use large distributed datasets of environmental parameters.

Primary Data Consumers/Providers Objective:

Development of a major virtual shopping centre for environmental data providers and users providing near real-time user access to major international datasets.

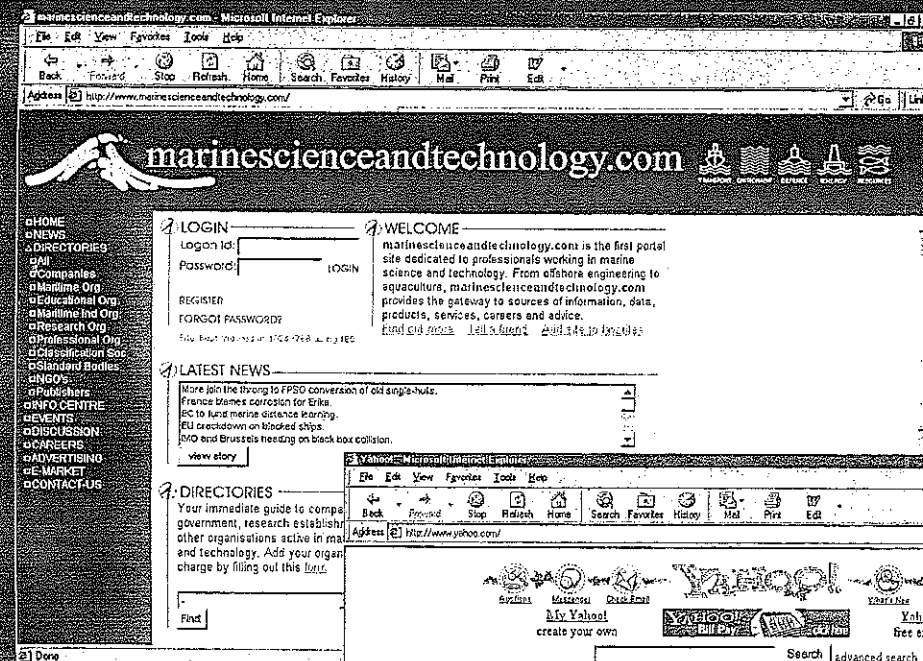
Key Technology Objectives:

Development of the enabling technology including web interface, search, compression, extraction and formatting of environmental datasets.

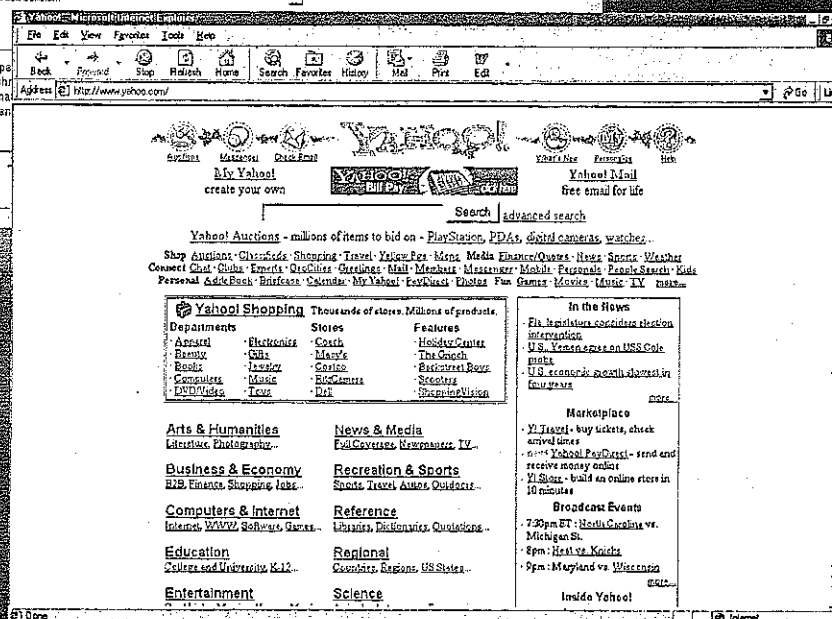
marinedatabroker
010001110101
011010110010000
com

Portal Sites

Emergence of Internet Portal Sites

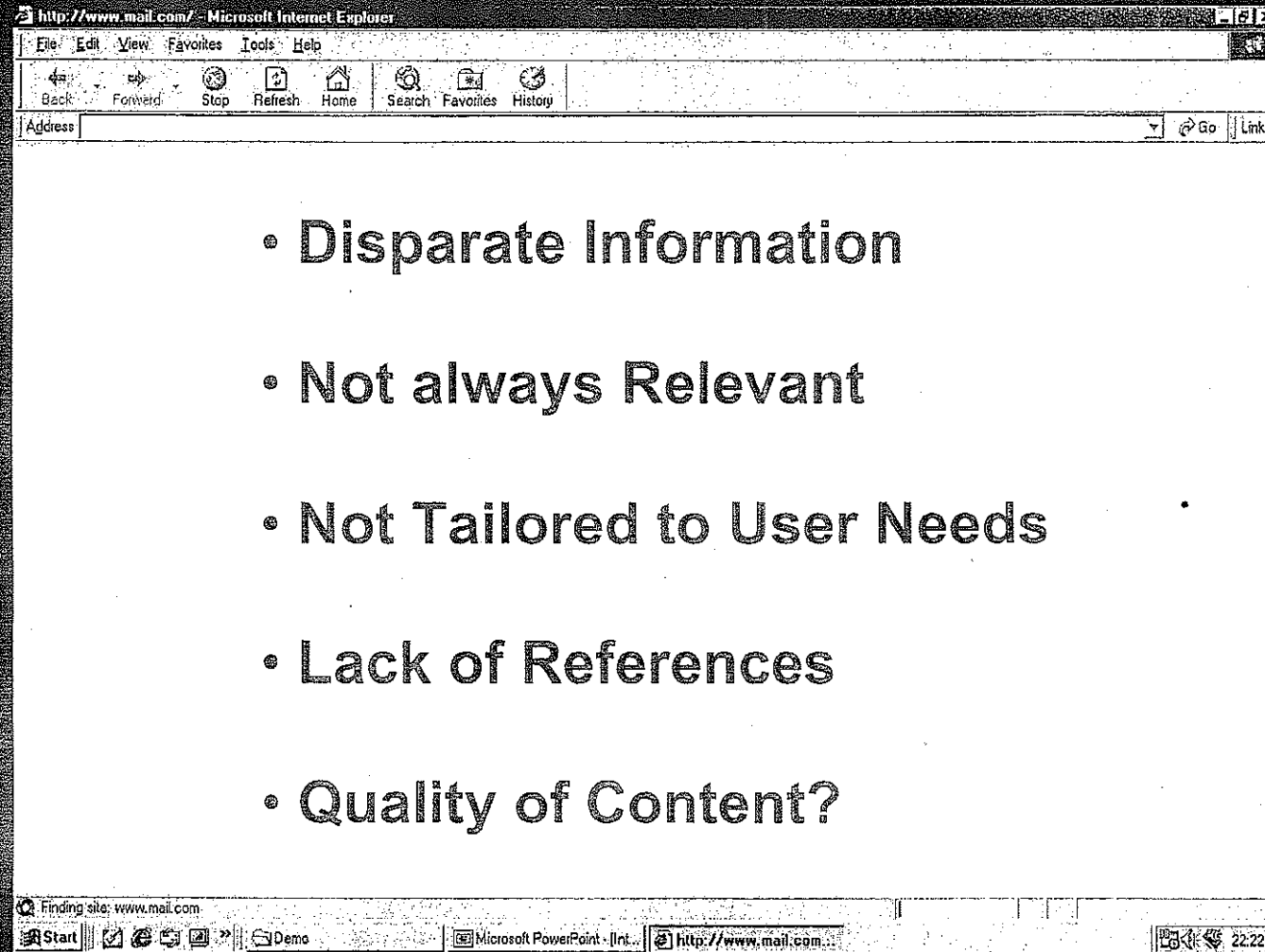


- Single Point Information Source
- Seamless Integration
- Links to Other Sites
- Functional Styling
- Allow User to Tailor Site to Suit Requirements



The Internet

The Over-Information Age!



The screenshot shows a Microsoft Internet Explorer browser window with the address bar set to <http://www.mail.com/>. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The toolbar contains buttons for Back, Forward, Stop, Refresh, Home, Search, Favorites, and History. The address bar has a "Go" button and a "Links" button. The main content area displays a list of five bullet points:

- Disparate Information
- Not always Relevant
- Not Tailored to User Needs
- Lack of References
- Quality of Content?

The status bar at the bottom shows the text "Finding site: www.mail.com" and the taskbar includes the Start button, a clock showing 22:22, and the text "Microsoft PowerPoint - [Int...]" and "http://www.mail.com..."