



Comparison of Satellite Email Programs

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Email for the Maritime Industry is a serious business. The total amount paid by all the vessels each month is probably in the range of millions of dollars. Information however about the characteristics of the Email programs which move the messages across the oceans, is scarce. So scarce, that most IT managers can only name a few of them.

We spend a lot of money and valuable time managing Satellite Email messages, so it is important to have an answer to the following questions:

- **Is the program performing as promised?**
 - What is the real throughput?
 - What is the compression rate?
 - What is the batch size?
- **The messages exchanged are business messages or personal ?**
- **How do I know if the vessel received my message?**

In this review, I managed to collect data on 9 Email programs.

This presentation is an attempt to de-mystify some of the parameters involved, and encourage software makers to add more features (e.g.: It is desirable for the Email Providers to supply a **"Message Identifier"**, so that the Pos/Negative Delivery Notification, can be easily **matched** to the original msg.

Negative Delivery Notification

- One of the most valuable parameters
- Makes Email trustworthy as an INM-C telex
- When is it issued ?

Alarms

- **“Mailbox Full” Alarm:** set up an alarm to be triggered off to a pre-set address or addresses within your organisation once your vessel’s mailbox has reached a particular limit.
- This limit is changeable

- **“Count of Connections” Alarm:** Set up an alarm to be triggered off to a pre-set address or addresses within your organisation, once your ship has connected to the server more than a prearranged number of times in one 24 hour period.
- This prearranged number of connections per day is changeable

Alerts

The “Alert” is a facility, which will notify the vessel that there is mail in the mailbox which has been there for more than X hours (X set by customer)

The “Alert” will also inform the remote user there is an "Important/Priority" message in the mailbox.

Full Duplex

The speed is the same upstream as in downstream, and data is moved simultaneously in both directions, reducing the cost by 50% .

Benefits of Online Mailbox Management

Office staff can:

- Check Mailbox Accounts Online
- Check Contents of vessel's Mailbox
- Delete Mail from vessel's Mailbox
- Forward Messages from vessel's Mailbox
- View, Change, Add & Modify the Filters for Messages sent to the Mailbox
- View & Print off Mailbox Details
- View Airtime Used
- Check Frequency of vessel's Connections
- Check Quality of vessel's Connections

Tasos Makris 18/10/05	Amos Connect	Globe Wireless	GTMAIL	InfoConnect	RYDEX	SkyFile	STRATOS ONE	TELAURUS	@SEAMAIL
<i>Contact</i>	Xantic	GLOBE	MBA	<i>DANAOS</i>	OTESAT	ARCOM	MBA	OTESAT	MBA
INTERFACE									
Use of Outlook	N	Y	Y	N	Y	N	Y	N	Y
Web interface	Y	Y	Y	Y	Y	Y	Y	N	Y
VARIOUS									
Destination Analysis Report	Y	Y	Y	Y	Y	Y	N	Y	Y
Volume Charged	N	N	N	N	Y	Y	N	Y	N

Tasos Makris 18/10/05	Amos Connect	Globe Wireless	GTMAIL	InfoConnect	RYDEX	SkyFile	STRATOS ONE	TELAURUS	@SEA MAIL
<i>Contact</i>	Falidouris	GLOBE	MBA	<i>DANAOS</i>	OTESAT	ARCOM	MBA	OTESAT	MBA
<i>APPLICATIONS</i>									
Forms Support	Y	Y	Y	N	Y	Y*	N	Y	
WorkFlow		Y							
GPS Position	Y	Y				N		Y	
Weather Report	Y	Y				Y*		Y	
Archive		Y				Y			
News		Y				Y*			
Remote Computer Management		Y				N			
eNOA/D Management	Y	Y	Y	N				Y	

