



## How it works

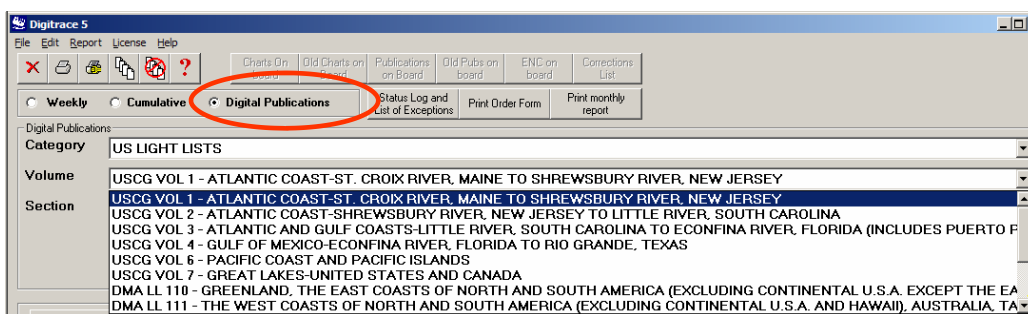
U.S. Digital



Lists of Lights

### Database - Part of Digitrace

A) In Digitrace—in the Digital Publications Mode—you will find the Lists of Lights that you subscribe to.



Easy Updating!

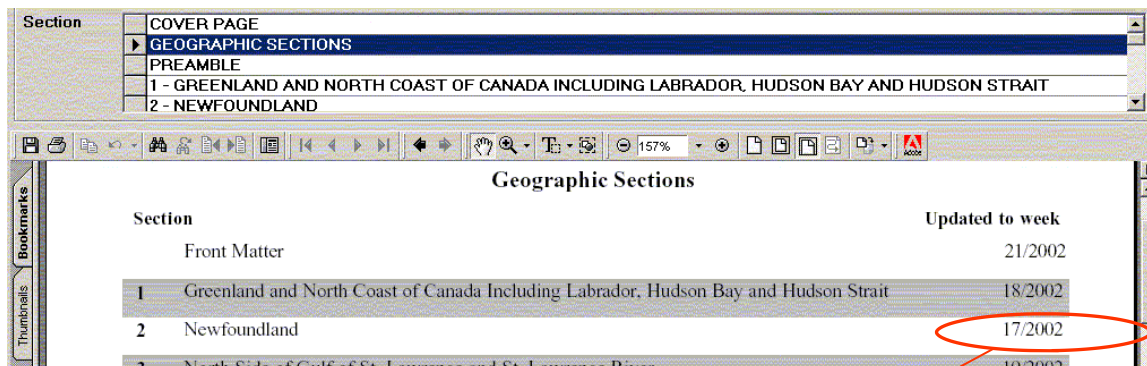
B) You will get the updates via the regular update-CD (in future this may come via e-mail). Once you have followed the normal instructions that come with the CD, your List(s) of Lights within Digitrace will be up-to-date!

### Functions

-> The digital List of Lights is basically the same document as in paper format (to be used similar to the use of paper volumes today), with the difference that it is continuously updated - with no need for manual corrections! There is also a date to indicate the latest correction for each light.

*Using this database is satisfying the carriage requirement according to SOLAS Chapter V, Regulations 2, 9 and 27.*

-> If ever required to make a hard copy of a section, simply select the section of your choice and print the whole section.



View of Geographic Sections

View of individual section

Latest correction for each light !

Section 2 - Page 15  
Updated to week 17/2002

Section	Updated to week
Front Matter	21/2002
1 Greenland and North Coast of Canada Including Labrador, Hudson Bay and Hudson Strait	18/2002
2 Newfoundland	17/2002
3 North Side of Gulf of St. Lawrence and St. Lawrence River	19/2002

Light	Coordinates	Light Characteristics	Latest Correction
2092 H0373	47° 08'0" N 55° 05'0" W	FLG. period 4s fl. 0.5s, ec. 3.5s	49/1992
2095 H0372.4	47° 08'6" N 55° 04'8" W	FLR. period 4s fl. 0.5s, ec. 3.5s	49/1992

# Brief "Cost-Benefit Analysis" Digitrace vs Paper Solution 2007

## Example MV Vessel 1

Number of publications BA - paper	8	
Number of publications BA - digital	6	
Number of publications US - digital	9	Max cost 5 volumes

**Paper Way**

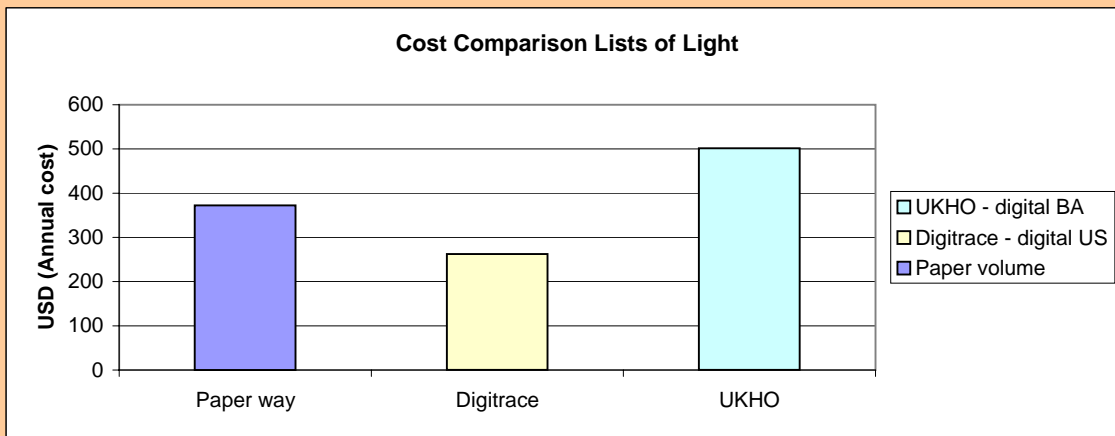
	Unit cost	Annual Cost
* Purchase of publication (24.50 GBP)	46.55	372.40
Annual Cost in USD		372.40

**Digitrace - digital**

	Unit cost	Annual Cost
* Annual Subscription digital US List of Lights "Buy 5 volumes - Get the World!"	52.50	472.5
Annual Cost in USD		262.50

**UKHO - digital**

	Unit cost	Annual Cost
* Annual Subscription digital BA List of Lights (44.00 GBP)	83.60	501.6
Annual Cost in USD		501.6



*The following should also be considered in the total evaluation:*

\* The Paper way implicates that you take the corrections from the Notice to Mariner and cut & glue the corrections in the different publications.  
**X hrs/week = XX USD**

\* Digitrace and UKHO both have their updates on a CD  
 \* The CDs may in future become an e-mail update (when size and costs so permit)  
 \* The digital List of Lights within Digitrace requires that you use the Digitrace service for charts and publications

# Brief "Cost-Benefit Analysis" Digitrace vs Paper Solution 2007

## Example MV Vessel 1

Number of publications BA - paper	11
Number of publications BA - digital	9
Number of publications US - digital	13

### Paper Way

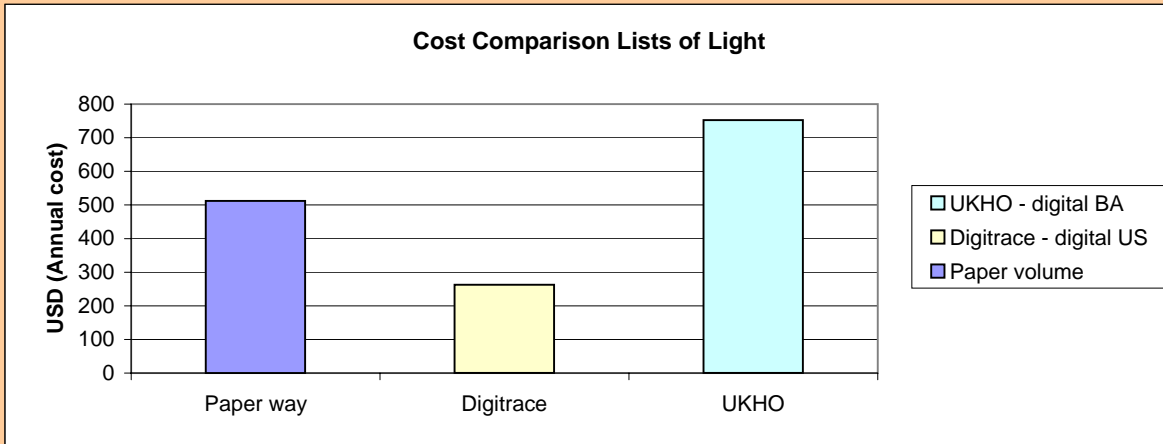
	<i>Unit cost</i>	<i>Annual Cost</i>
* Purchase of publication (24.50 GBP)	46.55	512.05
Annual Cost in USD		
		512.05

### Digitrace - digital

	<i>Unit cost</i>	<i>Annual Cost</i>
* Annual Subscription digital US List of Lights "Buy 5 volumes - Get the World!"	52.50	682.5
		262.5
Annual Cost in USD		
		262.50

### UKHO - digital

	<i>Unit cost</i>	<i>Annual Cost</i>
* Annual Subscription digital BA List of Lights (44.00 GBP)	83.60	752.4
Annual Cost in USD		
		752.4



*The following should also be considered in the total evaluation:*

\* The Paper way implicates that you take the corrections from the Notice to Mariner and cut & glue the corrections in the different publications.  
**X hrs/week = XX USD**

\* Digitrace and UKHO both have their updates on a CD  
 \* The CDs may in future become an e-mail update (when size and costs so permit)  
 \* The digital List of Lights within Digitrace requires that you use the Digitrace service for charts and publications

# Brief "Cost-Benefit Analysis" Digitrace vs Paper Solution 2007

## Example - Trade: JAPAN-PG

Number of publications BA - paper	4
Number of publications BA - digital	2
Number of publications US - digital	1

### Paper Way

	<u>Unit cost</u>	<u>Annual Cost</u>
* Purchase of publication (24.50 GBP)	46.55	186.20

Annual Cost in USD 186.20

### Digitrace - digital

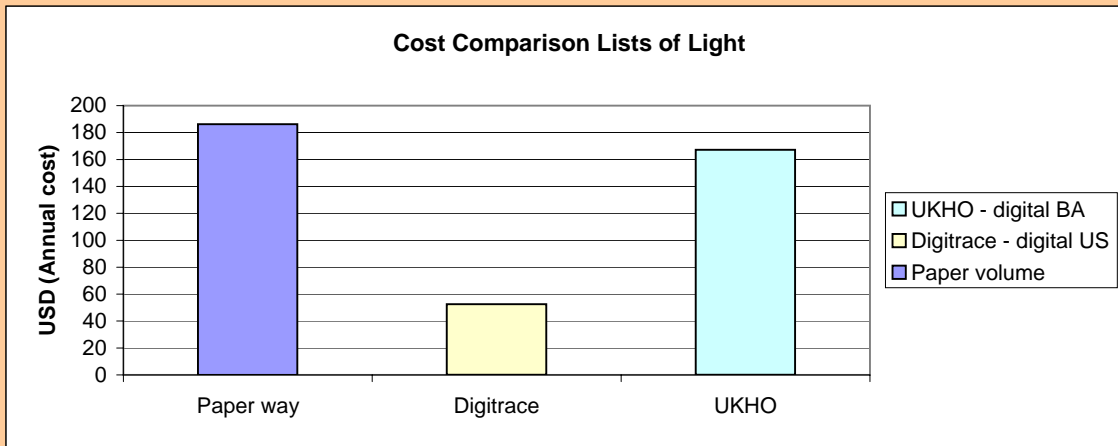
	<u>Unit cost</u>	<u>Annual Cost</u>
* Annual Subscription digital US List of Lights "Buy 5 volumes - Get the World!"	52.50	52.5

Annual Cost in USD 52.5

### UKHO - digital

	<u>Unit cost</u>	<u>Annual Cost</u>
* Annual Subscription digital BA List of Lights (44.00 GBP)	83.60	167.2

Annual Cost in USD 167.2



*The following should also be considered in the total evaluation:*

\* The Paper way implicates that you take the corrections from the Notice to Mariner and cut & glue the corrections in the different publications.

**X hrs/week = XX USD**

\* Digitrace and UKHO both have their updates on a CD

\* The CDs may in future become an e-mail update (when size and costs so permit)

\* The digital List of Lights within Digitrace requires that you use the Digitrace service for charts and publications