

marine management organisation

## How to validate a signature on a digitally signed document

You will be receiving PDF licences and letters through the MMO Licensing System which will be digitally signed. The **first one** you receive will probably have the following image where you would normally expect to see a signature.

Validity			
Digitally signed Date: 2011.05.3 Reason: On ber Location: Marine Organisation	by Marin 51 1 <mark>0:49</mark> nalt of th e Maria	e Licensing :39 BST e Secretary of gement	f State

In order to validate the signature, you should **press the right hand mouse button whilst** you are hovering over the image and select the 'Validate signature' option.

<u>V</u> alidate Signature	
View Signed Ve <u>r</u> sion	
Show Signature Properties	

Click on the 'Signature Properties' button.

Signature	Validation Status
L	Signature validity is UNKNOWN. - The Document has not been modified since this signature was applied. - The signer's identity is unknown because it has not been included in your list of trusted identities and none of its parent certificates are trusted identities.
	Legal Notice Signature Properties

Signature Properties		
Signature validity is UNKNOWN.		
Summary Document Signer Date/Time Legal		
Signed by: ensing <marine.consents@marinemanagement.org.uk> Show Certificate</marine.consents@marinemanagement.org.uk>		
Reason: On behalf of the Secretary of State		
Date: 2011/05/31 10:49:39 +01'00' Location: Marine Management Org		
Validity Summary		
The Document has not been modified since this signature was applied.		
The signer's identity is unknown because it has not been included in your list of trusted identities and none of its parent certificates are trusted identities.		
⚠️ Signature date/time are from the clock on the signer's computer.		
Signature was created using Adobe Acrobat.		
Validate Signature Close		

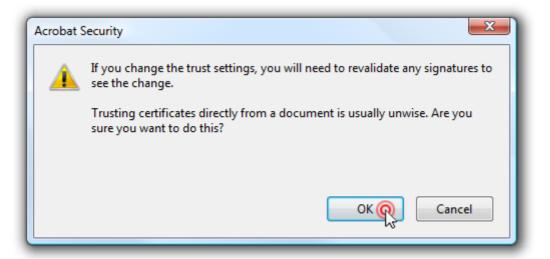
Click on 'Show Certificate'.

Certificate Viewer		X
	ry. Multiple issuance	icate and its entire issuance chain. The details chains are being displayed because none of the
Show all certification paths fo	und	
<ul> <li>Trustis Limited</li> <li>Trustis Limited</li> <li>Marine Licensing</li> </ul>	Summary Details	Revocation Truston Policies Legal Notice
		Marine Management Organisation
	Issued by:	Trustis Limited
	Valid from:	2011/02/14 18:12:05 +01'00'
	Valid to: Intended usage:	2013/02/14 18:12:05 +01'00' Sign transaction, Encrypt keys, Encrypt
		document, Key Agreement, Client Authentication, Email Protection
		Export
4		
The selected certificate participation in the selected certificate pa	ath is valid.	
The path validation check Validation Model: Shell	s were done at 2011/	05/31 10:49:39 +01'00'
		ОК

Then click on the 'Trust' tab.

tificate Viewer This dialog allows you to view t	the details of a certificate and its entire issuance chain. The details
correspond to the selected ent chains were issued by a trust a	try. Multiple issuance chains are being displayed because none of the nchor.
✓ Show all certification paths for	bund
<ul> <li>Trustis Limited</li> <li>Trustis Limited</li> <li>Marine Licensing</li> </ul>	Summary         Details         Revocation         Trust         Policies         Legal Notice           This certificate is not trusted.         Trust Settings         Trust Settings         Trust Settings
	<ul> <li>Sign documents or data</li> <li>Certify documents</li> </ul>
	Execute dynamic content that is embedded in a certified document
	<ul> <li>Execute high privilege JavaScripts that are embedded in a certified document</li> <li>Perform privileged system operations (networking, printing, file access, etc.)</li> </ul>
	Add to Trusted Identities
4	
The selected certificate p The path validation check Validation Model: Shell	ath is valid. ks were done at 2011/05/31 10:49:39 +01'00'
	ОК

Next click the 'Add to Trusted Identities...' button.



Click the '**OK**' button on this dialog.

Import Contact Settings		
Certificate Details		
Subject: Marine Licensing < marine.consents@marinemanagement.org.uk>		
Issuer: Trustis Limited		
Usage: Sign transaction, Encrypt keys, Encrypt document, Key Agreement		
Expiration: 14/02/2013 17:12:05		
Trust		
A certificate used to sign a document must be a trusted root or be issued by a trusted root in order for signature validation to succeed. Revocation checking is not performed on or above a trusted root.		
✓ Use this certificate as a trusted root		
If signature validation succeeds, trust this certificate for:		
☑ Signed documents or data		
Certified documents		
Dynamic content		
Embedded high privilege JavaScript		
Privileged system operations (networking, printing, file access, etc.)		
Help OK Q Cancel		

Click '**OK**' again on this window, then you will be back at the '**Trust Settings**' screen where you should click '**OK**' again.

Signature Properties		
Signature validity is UNKNOWN.		
Summary Document Signer Date/Time Legal		
Signed by: ensing <marine.consents@marinemanagement.org.uk> Show Certificate</marine.consents@marinemanagement.org.uk>		
Reason: On behalf of the Secretary of State		
Date: 2011/05/31 10:49:39 +01'00' Location: Marine Management Org		
Validity Summary		
The Document has not been modified since this signature was applied.		
The signer's identity is unknown because it has not been included in your list of trusted identities and none of its parent certificates are trusted identities.		
⚠️ Signature date/time are from the clock on the signer's computer.		
Signature was created using Adobe Acrobat.		
Validate Signatu		

Once you have done that, click on 'Validate Signature' and then click on 'Close'.

When you look again at your PDF document, you should see the following image where you would normally expect to see a signature:

## Signature valid Digitally signed by Marine Licensing Date: 2011.05.31 10:49:09 BST Reason: On behalf of the Secretary of State Location: Marine Management Organisation