

HTTP/Internet Updating:

Jeppesen provides a Real Time Updating (RTU) service that is **included in your subscription**. Jeppesen find the same importance of keeping the electronic charts updated as the paper charts (even though it is not demanded) to ensure safer navigation.

The general procedure for updating by HTTP/Internet is explained below. We do not know how each system work, as 90 different ECDIS/ECS systems use C-MAP inside.

You should check if your ECDIS/ECS system has the service enabled. If you beside our guidance follow the ECDIS/ECS manufacturers user manual, it should be fairly easy.

1. In order to use the HTTP/Internet updating your ECDIS/ECS system should be configured for Internet connection either by dial up connection or by LAN.
2. If you are using dial up connection, you have to connect to Internet before performing the update. Some ECDIS/ECS system enable dial up option from within the program, while others require you to make the connection to Internet before launching the program.
3. To perform the update you need to find the updating menu in your ECDIS. (Keywords: Auto Updating, C-MAP (CM93/3) Updates)
4. Within the updating menu you normally push one button to perform the update. (Keywords: All(Updates), Request(via Internet), Download, Load All, etc.)
5. Now the updates will load directly into your system. Some systems show a status bar when updating, others do not.
6. When the update process is finished, you will get a note if successful.
7. The update log will tell you what is updated. (Keywords: Update Log, Review Updates, etc.)

Jeppesen recommend weekly updates because this is the max frequency of similar NtM for paper charts, this is also the most economical and it is easy to implement in onboard bridge procedures. For vessels with fixed lines and fixed monthly communication cost (Vsat), daily updates are recommended.

By this you have constant access to the most recent chart data additional to the CD/DVD update. However, you should still update the database by CD/DVD, as this is the only way to get access to new charts and new editions of charts. The RTU service only contains NtM.

The global updates are in the range of app. 150-200 kb a week. (Seldom more, seldom less) The service is working very well with nearly 100% successful connection rate.

The only challenge we experience for HTTP/Internet updating is when vessels with low bandwidth communication (2400 baud, Mini-M, Iridium) are downloading very large amount of updates. In some cases e-mail updating is be preferred for such terminals.

If you want further information about RTU you can contact us at: updatesupport@jeppesen.com or look at our web site: www.c-map.no/rtu
We hope you get started with the Real Time Updating and that you find our service satisfying.