

# IMO DATA COLLECTION SYSTEM (DCS)

Whether you have an existing EU MRV plan in place or are starting from a blank slate, ABS offers compliance tools and solutions that help you meet IMO DCS requirements.

As of January 1, 2019, owners must have a documented plan in place to monitor CO<sub>2</sub> emissions. IMO DCS regulations require companies to update their existing Ship Energy Efficiency Management Plan (SEEMP) to document the methodology that will be used to collect the required data and the processes that will be used to report the data to the ship's Administration. Data that must be collected and reported annually includes fuel consumption, hours underway and distance travelled.

## ABS SUPPORT

For those who have an existing EU MRV plan in place, necessary data is likely already collected for EU compliance. ABS offers an easy-to-use template to help owners fill in the gaps between EU MRV and IMO DCS compliance.



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EU MRV	IMO DCS
Monitoring starting on January 1, 2018	Monitoring starting on January 1, 2019
Monitoring plans and emission reports using EC electronic templates	SEEMP amendments to include the data collection and reporting methodology
Reporting of additional information, such as cargo carried, emissions while at berth, total transport work and average energy efficiency	Reporting of fuel consumption, hours underway and distance travelled
Data verification by Verifiers accredited by the European national accreditation bodies	Data verification by the Administration or Recognized Organization
Detailed verification activities based on ISO 14064 part 3 principles, similar to the one applied in the EU Emissions Trading System (ETS)	Verification activities as defined by the Administrations, taking under consideration the IMO Guidelines
Data will be transferred and stored into the THETIS-MRV automated Union information system	Data will be transferred and stored into an IMO database for further analysis in support of ongoing IMO decisions
By June 30th each year, the EC shall make publicly available the information of ships' CO <sub>2</sub> emissions and other relevant information	Identification of a specific ship and Administration will not be possible. Parties shall have access to the anonymized data strictly for their analysis and consideration.

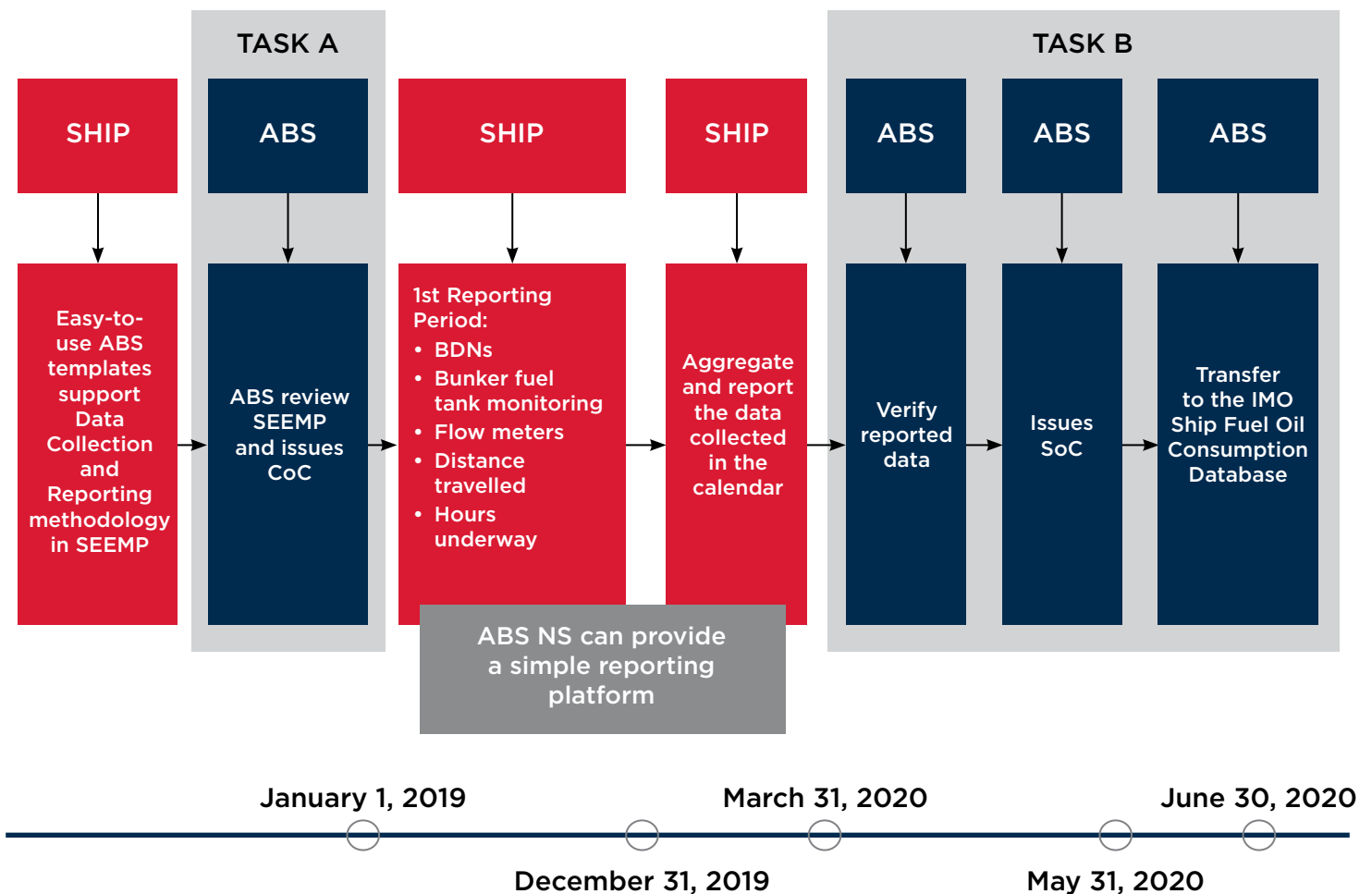
For those without an existing EU MRV plan, ABS offers a simple template to support a compliant SEEMP. Once the SEEMP has been updated, ABS can assess the SEEMP for inclusion of the methodology and the processes that will be used to collect and report the required data and issue a Confirmation of Compliance.

To support the collection and reporting of data, ABS offers additional support through its Nautical Systems® (NS) Voyage Manager system module, which captures all required data through Noon Reports or automatically through the NS Autologger function.

At the end of each calendar year, the collected data is required to be aggregated into annual values and reported by the company to the ship's Flag Administration or Recognized Organization for verification and subsequent transmission to a central database managed by the IMO. After the required data has been submitted to, and verified by, the Administration or the Recognized Organization, a Statement of Compliance is issued.

## ABS EMISSIONS REPORTER™

The ABS Emissions Reporter™ is a smart digital tool that allows owners and operators to input annual reports and monitor the status of their IMO Data Collection System (DCS) and EU Monitoring Reporting and Verification (MRV) review process. Learn more at [www.eagle.org/emissionsreporter](http://www.eagle.org/emissionsreporter).



For additional assistance with meeting IMO DCS requirements, please contact [environmentalperformance@eagle.org](mailto:environmentalperformance@eagle.org)



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