



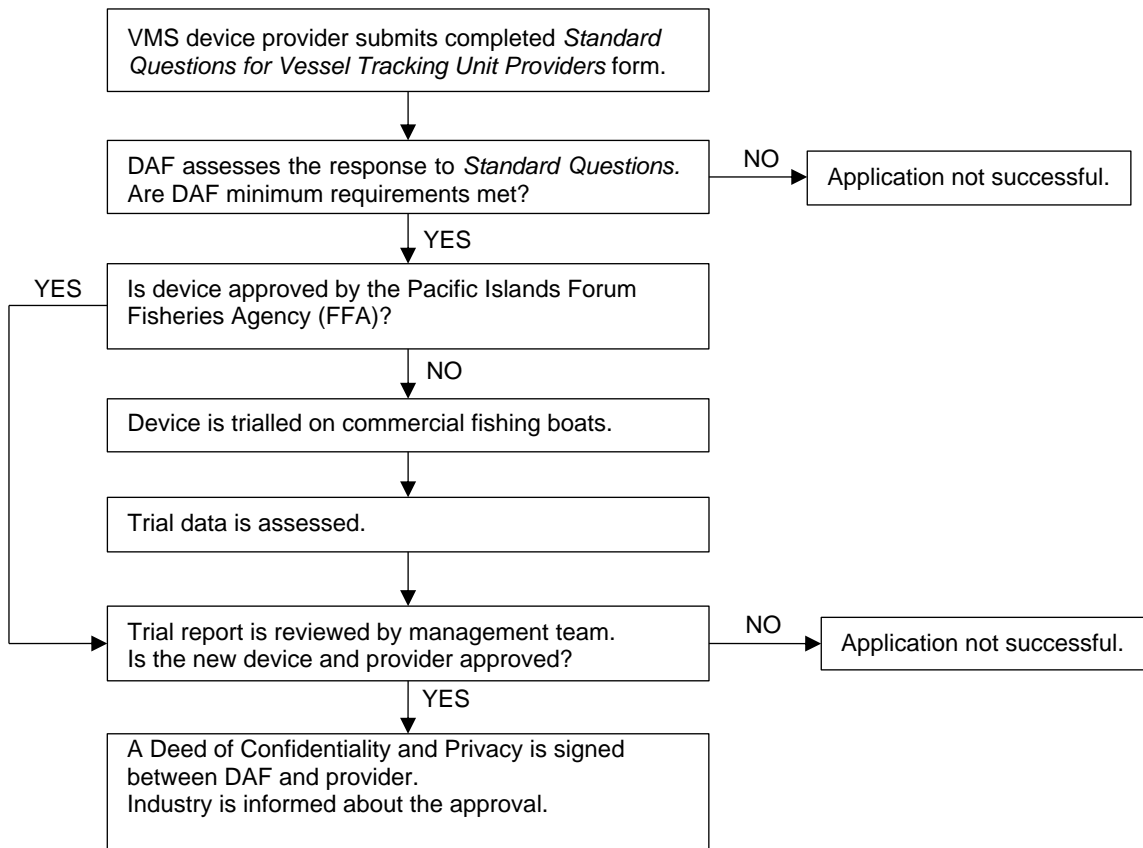
Standard Questions for Vessel Tracking Unit Providers

The Queensland Department of Agriculture and Fisheries (DAF) mandated the use of vessel tracking for most commercial fishing operations. Vessel tracking, also known as a Vessel Monitoring System (VMS), is currently a requirement in all major fisheries in Queensland for approximately 1500 commercial fishing licences.

The licence holders and fishers can choose an approved device and provider specified on the [department's webpage](#) then purchase the device and airtime directly from the provider. Vessel tracking data is then sent directly from the provider to DAF.

To provide more option and flexibility to industry, DAF periodically assesses the market for new devices and providers, and unit providers are also invited to apply to DAF to be considered for approval for use in Queensland's fisheries. The initial assessment of a new device and/or provider requires the completion of the form below which includes an assessment of whether the unit and/or provider meets the minimum list of requirements at Appendix 1.

Vessel tracking device and provider approval process



1 Provider details

Company Name	
Company Address	
ABN	
Company representative name	
Email address	
Phone number	
Website	
Provider operating hours (AEST)	

2 Device details

Model name	
Brand name	
Manufacturer	
FFA approved	<input type="checkbox"/> Yes <input type="checkbox"/> No
Satellite network (e.g. Iridium, Inmarsat)	<input type="checkbox"/> Yes <input type="checkbox"/> No Provider Name:
Cellular network	<input type="checkbox"/> Yes <input type="checkbox"/> No
Two-way communication	<input type="checkbox"/> Yes <input type="checkbox"/> No
Water resistant rating	
Size	
Operating temperatures	
Weight	
Line power	<input type="checkbox"/> Yes <input type="checkbox"/> No
Line power voltage	
Internal battery	<input type="checkbox"/> Yes <input type="checkbox"/> No

3 Contract

3.1 Are you able to work directly with the individual fishers to bill them for the airtime?

☐ Yes

☐ No

Notes

3.2 Are you able to provide airtime contracts for 5- and 15-minute polling intervals (no packet reporting)?

☐ Yes

☐ No

3.3 What is the minimum contract period per device for the fisher?

3.4 Is the fisher able to suspend or deactivate their account if they are not fishing?

☐ Yes

☐ No

Notes

3.5 How long is the device warranty and what is the warranty process?

4 Cost

4.1 What is the cost of the device (\$AUD)?

4.2 What is included in the device cost and do additional fees apply?

(e.g. mounting bracket, wiring, installation)

4.3 What is the monthly airtime cost of transmitting all data over satellite at 5- and 15-minute reporting intervals (no packet reporting)?

5-min reporting (\$AUD)

15-min reporting (\$AUD)

Additional information

4.4 Does your platform have the facility for a fisher to access their own VMS data? If so, is there an additional cost?

☐ Yes

☐ No

Cost (\$AUD)

4.5 Are there any additional fees and what are they?

(e.g. Access to view own device data, activation and deactivation fee, accessories, billing fees)

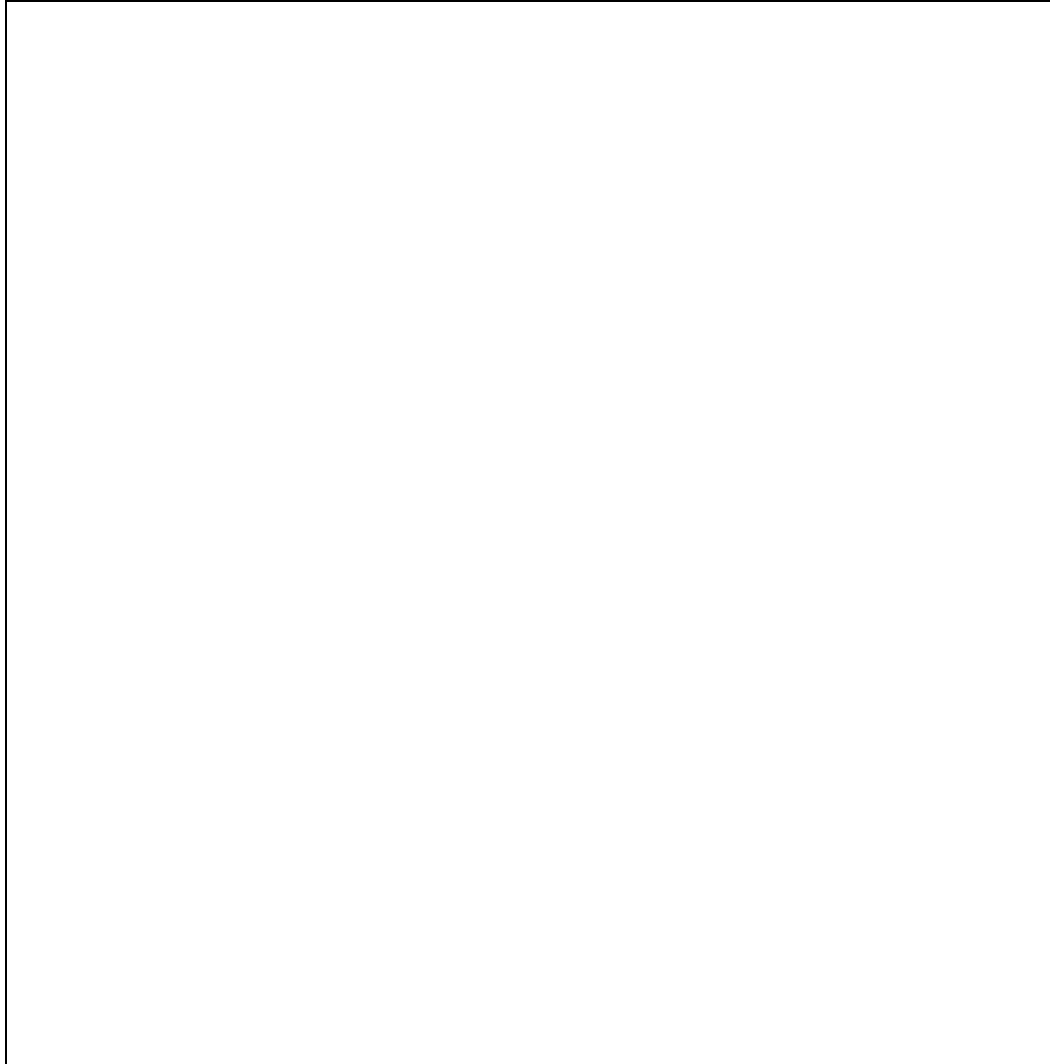
5 Integrating into DAF vessel tracking platform (TrackWell)

5.1 What interfaces do you have from your existing gateway to integrate the data into another vessel tracking platform?

6 Additional information

Please attach product specification form and additional documentation to demonstrate the product is fit for purpose, safe and meets relevant Australian and/or International Standards.

Additional information can be provided here or in an attachment.



Please send the completed form to vesseltracking@daf.qld.gov.au or to *Vessel Tracking Unit, Fisheries Queensland, 41 George Street, Brisbane QLD 4000*. The initial assessment can take up to 60 days and additional information might be required.

7 Appendix 1

Table A1: Unit minimum mandatory requirements

Fit for purpose	<p>Units and peripherals (including cabling) must be fit for purpose for use in a marine environment and be reliable in all locations and weather situations.</p> <p>Units must be compliant with relevant international or Australian Standards for water and dust ingress protection (minimum IP67), radio-communications (electromagnetic radiation) and temperature and electrical safety.</p>
Satellite provider	Satellite provider, not cellular, with complete coverage in all Queensland waters
Power source	External power supply
Polling rate	Polling intervals of 5 and/or 15 minutes
Polling data transmission latency	Live data is required (near-real-time transmission of polling data to TrackWell when a position is fixed)
Unit cost	Reasonable. Preferably < \$1000
Airtime cost	Reasonable monthly costs and contract options. Preferably < \$60 a month

Table A2: Unit additional preferred features

Size	Suitable for smaller and open vessels
Mobility	Ability to move easily between vessels
Installation	Quick and easy installation
Usability	Easy to use and set up
Status	Status indicator (e.g. lights, sound, interface) to check the unit is on and working
Tamper-evident features	Tamper-proof hardware

Table A3: Provider minimum mandatory requirements

Billing	Ability to invoice fishers directly
Compatible with DAF systems	Ability to integrate with TrackWell
Protection of data confidentiality	Have systems in place to ensure protection of confidential personal and vessel tracking data
Provider background check outcome	Successful background check to assess suitability and risk level of providers

Table A4: Provider preferred features

Provider contact time	Ability to contact provider 24/7 by telephone
Provider origin	Queensland based company
Unit availability	Available in large quantity
Customer service	<ul style="list-style-type: none"> • Contactable via phone and email • After hours technical support • Ability to respond to general enquiries within the same working day (e.g. ordering a unit, troubleshooting units, billing, initiating process to replace faulty units/warranty process, initiating action for complex matters etc.) • Ability to resolve complex matters at a mutually agreeable timeframe • Have a warranty pool of units
Contract features	Ability to halt airtime plan for a period of time
Personal vessel tracking form	Available to fishers to view own vessel tracking data
Protection of data confidentiality	Have independent assurance on protection of confidential personal and vessel tracking data