

POLE STAR VMS PROVIDER FOR QLD FISHERIES PROGRAMME

Pole Star is widely recognised as a leading provider of fisheries Vessel Monitoring System (VMS), Vessel Tracking Unit (VTU), and satellite airtime (VMS reporting services) to the regulatory and commercial fisheries sector. Since 1998 we have continued to serve multiple government agencies, RFMOs, fishing companies, and fishermen worldwide.

A part of Queensland's Sustainable Fisheries Strategy 2017-2027 is a policy mandate requiring VTUs to be fitted by operators of trawl, net, crab, and line boats (including tenders) by 1st January 2019 (and all other commercial fishing boats by 1 January 2020). In support, Pole Star provides dual AFMA type approved / Queensland authorised VTUs inc. Orbcomm / Skywave ST6100 and also the Ground Control RockFleet unit, along with associated VMS reporting services. Permanent holders of commercial fishing boat licences can apply for a rebate for the cost of vessel tracking unit(s) and professional installation up to the stipulated amount from the Queensland Rural and Industry Development Authority (QRIDA)¹.

Vessels with pre-existing VTUs on board, if compatible, may nominate this equipment as a secondary VTU to be used in case of failure of the primary unit. Pole Star will integrate and place the back-up unit in cold standby mode at no cost to the operator if using a Pole Star sourced primary VTU, or at \$10.00 AUD / month if using a 3rd party supplied VTU². Use of a back-up VTU will ensure continued compliant fishing operations in the event of a primary VTU failure until the unit is repaired or replaced.

Conscious of the operator's investment, Pole Star can also provide the operator with web-access to their own "private-VMS" system providing for the tracking, monitoring, and activity analysis, as well as additional safety³ (last known position). Our customer services and technical support operations teams are available 24/7 to support this activity.

¹ Visit the QRIDA webpage for further details on the vessel tracking rebate scheme: <http://www.qrida.qld.gov.au/current-programs/vts>

² Orbcomm/Skywave IDP & ST and any other MTUs purchased from a Non-Pole Star Agent, will require appropriate scripting prior to activation, which will incur costs.

³ This service is not a replacement to any applicable SOLAS or "AMSA" regulated emergency equipment.

Pole Star VMS Hardware and Service Cost information:

All charges mentioned exclude GST

Table 1: Hardware Equipment Costs			
Description	Qty	AUD \$ Rate	Total AUD \$
ST6100 MTU	1	\$931.00	\$931.00
ST6100-Installation Kit 5mtr Includes: bracket, 5mtr cable and connector	1	\$238.00	\$238.00
ST6100-Installation Kit 15 mtr Includes: bracket, 15mtr cable and connector	1	\$255.00	\$255.00
Rock7-RockFLEET-5mtr Includes: 5mtr cable and connector	1	\$1342.00	\$1342.00
Rock7-RockFLEET-10mtr Includes: 10mtr cable and connector	1	\$1365.00	\$1365.00
Rock7-RockFLEET-15mtr Includes: 15mtr cable and connector	1	\$1388.00	\$1388.00
Rock7-RockFLEETDeckMount	1	\$55.00	\$55.00

Table 2: On Demand ASP Costs

Description	Qty	Mths.	AUD \$ Rate	Total AUD \$
MTU terminal activation / changes				
IDP/ST6100 / Iridium MTU Activation	Per MTU		\$40.00	\$40.00
Owner / Operator Additional Charges				
Shipping*	-		-	-
Online Web tracking log in			included	included
RockFLEET – Standby Fee per month**	1	1	\$10.00	\$10.00

*Calculated at the time of order processing with the price depending on method of shipping and location shipped to.

**Stand by fee levied if the operator wishes to stop tracking for a period. Re-activation cost charged when unit comes out of standby mode (No standby mode levied for Orbcomm VMS, but re-activation fee charged)

Table 3: Monthly Recurring CSP Costs

Description	Qty	Mths.	AUD \$ Rate	Total AUD \$
CSP - IDP/ST6100 - 1 hour reporting	1	12	\$40.00	*\$480.00
CSP - IDP/ST6100 – 30 min reporting	1	12	\$50.00	*\$600.00
CSP - IDP/ST6100 – 15 min reporting	1	12	\$60.00	*\$720.00
CSP - IDP/ST6100 – 5 min reporting	1	12	\$67.00	*\$804.00
CSP – Rock7 RockFLEET – 5/15 min reporting	1	12	\$65.00	**\$780.00

*Minimum term = 12 months **Minimum term = 36 months

Annex 1: Hardware Specification

To answer all your questions or for more information please contact Pole Star to discuss your Queensland Fisheries VMS implementation requirements.



Specification for ST6100 vessel tracking unit

Note: All ST units have bottom connectors. Not side, as shown in the example

Unit and airtime provider	Pole Star
Satellite provider	Inmarsat
Approved for fishery types	Trawl, line, net and crab
Approved reporting rates	15 minutes for trawl. 5 minutes for net, line and crab.
Internal powersource	No
External powersource	Yes
Line charging	Yes
Battery life	Not applicable
Line power voltage	9V to 32V
Size	101mm x 126mm x 126mm
Weight	460g
Water resistant rating	IP67
Power light	Yes
Two-way communication	Yes
Operating temperature	-40°C to +85°C
Self-installation	Technician or self-installed if approval granted by provider

Can unit be moved between boats?	Subject to commercial license arrangements
Unit cost	See Table 1
Installation cost	Not applicable
Accessories costs	See Table 1
Package cost	See Table 1
Other fees	See Table 2
Airtime monthly fee	See Table 3
Airtime plan term	12 months
Warranty	24 months
Provider operating hours	All hours
Maintenance	Technician – pay as needed
Contact	www.polestarglobal.com
Contact	Mon - Fri Ph: 02 4254 1055 (24/7 Support: +44 20 7313 7400 or +852 2520 0951)



Specification for RockFLEET vessel tracking unit

Unit and airtime provider	Pole Star
Satellite provider	Iridium
Approved for fishery types	Trawl, line, net and crab
Approved reporting rates	15 minutes for trawl. 5 minutes for net, line and crab.
Internal powersource	Yes, rechargeable

External powersource	Yes
Line charging	Yes
Battery life	3 days at 5 minutes, or ~9 days at 15 minutes
Line power voltage	9V to 30V
Size	120mm x 50mm
Weight	135g
Water resistant rating	IP68
Power light	Yes
Two-way communication	Yes
Operating temperature	-30°C to +75°C
Self-installation	Technician or self-installed if approval granted by provider
Can unit be moved between boats?	Subject to commercial license arrangements
Unit cost	See Table 1
Installation cost	Not applicable
Accessories costs	See Table 1
Package cost	See Table 1
Other fees	See Table 2
Airtime monthly fee	See Table 3
Airtime plan term	3 years*
Warranty	24 months
Provider operating hours	All hours
Maintenance	Technician – pay as needed
Contact	www.polestarglobal.com
Contact	Mon - Fri Ph: 02 4254 1055 (24/7 Support: +44 20 7313 7400 or +852 2520 0951)

* Iridium RockFleet minimum contract period is 3 years, and the maximum suspension period (within those 3 years) is 6 months. If a unit is suspended for longer than 6 months, or if it is deactivated early, then a fine of \$395 excl GST will be levied. Upon signing this customer order form, owners commit to this period, however a transfer of ownership can be applied for, allowing the new owner to take up the remaining contact period.