

Airtime Agreement – for Certus 200 Maritime Services

Please fill in ALL sections and email ALL pages back to your dealer

Section 1: Pricing C144 - All prices in USD(\$)



INTEGRA
The smartest way to
manage your data



AST Services - Please refer to www.ast-networks.com/terms-and-conditions for full terms and conditions

AST Service Fee

AST's Standard Care Package - Includes 24x7 manned Global Customer Support, Extranet and Self-Service Portal, INTEGRA Global IP Network including Resilient and Optimised traffic, firewalling, web filtering, INTERGA See and INTEGRA CyberShield for Intrusion prevention and protection from abnormal connections, Anti-virus and Anti-malware protection.

Monthly Fee	\$2.25 per month
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INTEGRA See

Real-time visibility of data usage, by service, by data volume across 12 data categories and top 10 Applications and Protocols.

Monthly Fee	Included with AST Service
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INTEGRA See+ - Minimum Contract Term – 1 month	Tick if required
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Includes Category expansion to show usage by all Applications with 3 months history.

INTEGRA See+ includes all INTEGRA See features.

Monthly Fee	\$5.00 per month
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INTEGRA Control Lite - Minimum Contract Term – 1 month	Tick if required
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Includes real-time, automatic data usage threshold alerting (via e-mail) and subsequent blocking at Category level.

INTEGRA Control Lite includes all INTEGRA See+ features.

Monthly Fee - Automatically included with some data plans Δ	\$10.00 per month
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INTEGRA Control - Minimum Contract Term – 1 month	Tick if required
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Complete real-time Monitoring, Control and Management of IP traffic including data bandwidth sizing, all at both Category and Application levels.

INTEGRA Control includes all See+ and Control Lite features.

Monthly Fee	\$30.00 per month
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Static Public IP - Minimum Contract Term – 1 month	Tick if required
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An IP address to allow a terminal to be reached from the internet

Monthly Fee	\$30.00 per month
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onsatmail - Minimum Contract Term – 1 month	Tick if required
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onsatmail is an email service for use over satellite connections. Using a specialised data transfer protocol designed for data transmission over low bandwidth, it reduces connection time and uses compression to provide a fast and reliable solution. The software is free of charge, but there is a monthly service access fee.

Monthly Fee	\$15.00 per month
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IRIS: Location Based Services (LBS) – Minimum Contract Term – 1 month (Thales Terminals only)					Tick if required	
Delivers secure, flexible and accurate asset (terminal) tracking.						
The monthly fee includes one user license by default; additional user licenses are available on request via your Account Manager. The following are mandatory for activation:						
IRIS requires a valid email address: <div></div>						
Device Name (Friendly name): <div></div>						
User Name (Friendly name): <div></div>						
IMEI (International Mobile Equipment Identity):						
The Username and Password for IRIS will be sent to the above email address, together with a user guide. IRIS device and delivery address preferences can be configured via the IRIS portal.						
Monthly Fee					\$10.00 per month	
Certus 200 Maritime Plans						
Please connect me to the following package (options in tables below):						
Data Plan						

Data Plans - Monthly				OMB	10MB	25MB
Activation				\$0.00	\$0.00	\$0.00
Monthly Inclusive Allowance (MB) (including IMT)				0	10	25
Monthly Subscription				\$75	\$97	\$190
Out of Allowance per MB (including IMT)				\$16.51	\$9.33	\$8.61
Minimum Contract Period (Months)				1	1	1
Early Termination Fee				\$0	\$0	\$0
DSG (Dynamic Shared Group) Pooling				No	Yes	Yes
DSG Surcharge - applies to monthly subscription and out of allowance usage				n/a	10%	10%

Data Plans - Monthly		50MB	200MB	500MB	2 GB	5 GB	10 GB
Activation		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Monthly Inclusive Allowance (MB) (including IMT)		50	200	500	2,000	5,000	10,000
Monthly Subscription - includes INTEGRA Control Lite Δ		\$333	\$585	\$879	\$1,285	\$1,590	\$2,307
Out of Allowance per MB (including IMT)		\$7.18	\$5.74	\$3.73	\$1.08	\$0.79	\$0.50
Minimum Contract Period (Months)		3	3	3	3	3	3
Early Termination Fee		\$502	\$861	\$1,292	\$1,938	\$2,297	\$2,297
DSG (Dynamic Shared Group) Pooling		Yes	Yes	Yes	Yes	Yes	Yes
DSG Surcharge - applies to monthly subscription and out of allowance usage		10%	10%	10%	10%	10%	10%
SSG (Static Shared Group) Dual SIM		Yes	Yes	Yes	Yes	Yes	Yes
SSG Surcharge - applies to monthly subscription and out of allowance usage		10%	10%	10%	10%	10%	10%

Data Plans - Annual (No DSG or SSG options for Annual Plans)			600MB	1.2 GB	6 GB	24 GB	60 GB
Annual Inclusive Allowance (MB) (including IMT)			600	1,200	6,000	24,000	60,000
Annual Subscription - includes INTEGRA Control Lite Δ			\$3,996	\$7,020	\$10,548	\$15,420	\$19,080
Out of Allowance per MB (including IMT)			\$7.18	\$5.74	\$3.73	\$1.72	\$0.79
Minimum Contract Period (Annual = 12 Months)			12 Months (See note below)				
Early Termination Fee			\$0	\$0	\$0	\$0	\$0

Companion Data Plans - Monthly				300 MB	1 GB
Activation				\$0.00	\$0.00
Monthly Inclusive Allowance (MB) (including IMT)				300	1,000
Monthly Subscription - includes INTEGRA Control Lite Δ				\$369	\$585
Out of Allowance per MB (including IMT)				\$1.44	\$0.57
Minimum Contract Period (Months)				3	3
Early Termination Fee				\$2,756	\$2,756
DSG (Dynamic Shared Group) Pooling				Yes	Yes
DSG Surcharge - applies to monthly subscription and out of allowance usage				10%	10%

Voice per Minute – Voice lines are added at activation if required, they are not a default service

Fixed (PSTN/Cellular)	\$0.43
Iridium (includes call forward to an Iridium)	\$0.30
Other Satellite Networks	\$12.92
Voicemail	\$0.30
+1 Access	\$0.52
2-Stage Dialling	\$0.52
Voicemail	\$0.00
AST Global Customer Services	\$0.00

Additional Services**Monthly Sub**

+1 Access (Optional extra) – This provides a US (+1) phone number that is linked directly to your satellite phone, allowing the PSTN caller to be charged at International Call rates rather than the high charges for calling the 8816 Iridium code direct. The caller pays for the standard international call to the +1 number, the Iridium account holder pays for the satellite portion, charged at the rates on this agreement.

\$7.98

- Voice lines, maximum number of 3, can be activated as Standard with/without voice mail/local number/2-Stage dialling or the default option of Prepay. If voice is selected please complete the options for as many lines are required (maximum of 3). Please tick your selection for each line.

Line 1		Tick One
	Standard	
	Voicemail	
	Local Number	
	2-Stage	
	Prepay	

Line 2		Tick One
	Standard	
	Voicemail	
	Local Number	
	2-Stage	
	Prepay	

Line 3		Tick One
	Standard	
	Voicemail	
	Local Number	
	2-Stage	
	Prepay	

Prepay lines can only be used with Certus Chat Scratch Card (voice only) in a virtual format (no physical cards) with varying denominations.

- Iridium to Iridium and Iridium to PSTN only, the usage decrements in blocks of 20 units (seconds).
- The service is restricted from making any other calls.
- The balance of a card is not decremented until the called party picks up (call connected).

Notes: Commercial in Confidence

- Activation will require both the IMEI of the equipment and the ICCID of the SIM card. SIMs cannot be moved between terminals.
- For Maritime connections, as part of the activation the IMEI and ICCID are linked to a specific vessel the Certus has been installed.
- The day of activation is the first day of the minimum contract period.
- The service can be activated with up to a maximum of 3 voice lines dependent on equipment type. The lines can be activated as standard postpay or prepay lines. For information on the equipment types please contact your Account Manager.
- Monthly subscription charges are prorated in the month of activation, are charged in advance and will be charged a full billing month on deactivation regardless of what date in the month the service is deactivated
- For plans that have a 1 month minimum contract term, a full 1 month charge/allowance will only apply if activated on the 1st of the month.
- If an activation is made in the middle of a calendar month both the subscription fee and allowance are prorated.
- All monthly subscriptions will be billed during periods of suspension.
- A service can be upgraded at any time or in line with the next billing period. A new minimum period will apply once upgraded. For mid-month upgrades, the initial package will remain chargeable and the new subscription and allowance will be prorated.
- An Early Termination Fee (ETF) will apply if the service is deactivated or downgraded before completing the Minimum Contract Period. This is a flat fee, it is not prorated based on the deactivation date.
- Any changes to plans (including moving SIMs into a DSG) will result in a new minimum term. SIMs can only be moved into a DSG in line with the billing period. Any remaining allowance will not be carried forward into the new package rate plan of the SIM.
- Iridium will re-rate the pricing for any Maritime based terminals used with Land-mobile packages and vice versa. AST will flow this down to the terminal owner.
- There is no rollover of unused data.
- **2-Stage Dialling** – This service avoids high direct PSTN charges to the Iridium phone and offers a lower cost to the Iridium user. The caller first dials +1 480 768 2500 and follows the voice prompts to connect to the Iridium phone. The caller pays for this standard international rate call. The Iridium account holder pays for the satellite portion at a cost as stated above.
- **Δ INTEGRA Control Lite is included free of charge on all plans that are 50MB and above. As INTEGRA Control Lite is included in these service packages, unsubscribing from INTEGRA Control Lite will not result in a change to the price of the monthly/annual subscription.**

Annual Plans

- The day of activation is the first day of the contract period, this first contract period will be 11 months plus a prorate of days in the month the service is activated, the annual subscription charge and allowance will be prorated. Thereafter renewals will be periods of 12-months, based on the 1st of the month of the original month of activation.
- Pay one fee and have access to all the data which can be used at any time during the contract period. Any unused data at the end of the contract period is lost. If the connection is not required it must be deactivated before the renewal date.
- If all the data is consumed before the end of the contract period the contact can be renewed early. A new contract period/charge and data allowance would apply from the renewal date.
- Currently annual plans can only be monitored on a month basis

IMT - Iridium Messaging Transport

- Provides small- to moderate-sized IoT messaging through Iridium CloudConnect and offers industry standard protocols, programming, message topics and Pub/Sub capabilities through a wide range of Iridium Certus™ modules
- Ideal for data that does not require a persistent connection, such as machine-to-machine, and over-the-top (OTT) applications like email, group communications, weather forecasts, and other transactions.

Billing Minimum/Increments

Plan size	Minimum Duration
Data 0MB/10MB/25MB	5,000 Bytes
Data All other plans	1,000 Bytes
IMT	500 Byte
Voice	20 Seconds

Each data session over the minimum session charge will be rounded up to the next 100 Byte increment, and all charges are rounded up to the next \$0.01.

Companion Plan

- The Companion Plan is to be used only as a secondary/complementary service and only when integrated with an associated VSAT/VSAT type service (the use of this service needs to be preauthorised by AST/Iridium, please allow time for this).
- The Companion Plan is to be used only when the VSAT/VSAT type service is not available for data services.
- Iridium reserves the right to immediately temporarily throttle/suspend or deactivate any service that it determines is not being used as above and/or, in Iridium's sole judgement, if it determines that such service constitutes a threat to the integrity of the Iridium Network including its ability to serve other

The Companion Plan is subject to Iridium's Fair Access Policy, please click this link and read carefully.

Dynamic Shared Group (DSG) - Not applicable for Annual Plans

- Some plans are able to be included in a Dynamic Shared Group (DSG)(see above) and can be shared between Certus 200 and 700 terminal types. The exceptions to this are the OMB plan and Certus 200 10MB and 25MB plans.
- Data Allowance for a Dynamic Shared Group (DSG) = Monthly Allowance per SIM multiplied by Number of SIMs in the DSG.
- A 10% premium applies to the monthly subscription and data overage charges.
- A DSG has to be approved by Iridium, please contact your Account Manager for more details. Please allow 5 days to complete the process.
- All SIMs in the DSG need to be on the same Plan.
- SSG/Dual SIMs (both SIM cards must be on the same vessel) they share the subscription and allowance cannot be included in a DSG.
- A minimum of 5 SIMs is required for a DSG. 3 billing periods (months) are allowed to achieve the 5 minimum SIMs. After this, and if the number of SIMs drops below 5 at any time, the monthly charge will be for the equivalent of the minimum (5 SIMs). However the Allowance will be based on the actual number of SIMs multiplied by the Monthly Allowance per SIM. Overage will apply once the allowance has been consumed.
- Addition and removal of SIMs in a DSG can only take place at the start of a billing period (month).
- Services activated mid month will be billed as a standard plan and will be added to the DSG in line with the bill run. No ETF or new minimum period will apply.
- There is no rollover of unused data.
- The minimum term for a DSG is 12 months, the Early Termination Fee is equal to the Monthly Subscription multiplied by 5 (Minimum number of SIMs in the DSG).
- Each SIM card then has the standard ETF SIM card rules, as per the Minimum Contract Period above. After the Minimum Contract Period is completed they can be moved out of the DSG with no penalty.
- A DSG can be upgraded. No ETF will apply for upgrading a DSG but a new Minimum Contract Period starts.
- DSG's can be used for single organisations such as a Fleet, a Government body or a Corporation. Not to be used across multiple end users or organisations, except for Companion DSG's which can be used.

Note: when activating a 10MB or 25MB DSG, the DSG is only allowed for Primary use. It cannot be used on vessels that have a Companion installed.

Please create a DSG based on the above data selection

DSG Name: _____

Please add to my existing DSG

DSG Name: _____

Section 2: Mandatory Requirements for Activation

SIM ID No.:

IMEI No.:

Vessel Name: _____

Vessel Type: _____

IMO No.:

MMSI:

Section 3: Monitor/Suspend

- AST offers 5 monitoring alerts per calendar month billing period with an option to suspend.
- AST can not facilitate the monitoring of Annual Periods/Plans where customers pay and has access to all the data from the date of activation.
- This service is offered to assist with usage control, however, if because of system failure or any other reason outside of our control a report is not generated, all usage will be invoiced and due for payment as per our general Terms and Conditions.
- We recommend that a suspension limit is set to stop further usage once the service reaches the set limit in any given period; **500MB has been set as a default please amend as appropriate.**
- Spend \$US alerts exclude subscriptions and are triggered once the entire monthly bundle has been consumed. CDRs within the bundle are zero-rated.
- For a DSG, these options can be applied at the DSG level and individual SIM level.
- **AST also automatically issues an email alert once 80% then 100% of the allowance linked to the package selected for connection has been consumed.**

In the case that automatic suspension of the service takes place, please contact AST to have the service unsuspended - This will NOT automatically unsuspend at the start of the next billing period.

Data/Voice suspend is based on raw CDR's which AST retrieves every 15 minutes

US\$ monitoring/suspend is based on billable CDRs received from Iridium daily (the CDRs could be up to 24 hours in arrears).

Alert Levels - Up to five notification alerts can be set per period:

1	Data (MB) _____	Voice (Mins) _____	Spend \$US _____
2	Data (MB) _____	Voice (Mins) _____	Spend \$US _____
3	Data (MB) _____	Voice (Mins) _____	Spend \$US _____
4	Data (MB) _____	Voice (Mins) _____	Spend \$US _____
5	Data (MB) _____	Voice (Mins) _____	Spend \$US _____

Suspend Options –Voice/data will suspend the service type only, \$US spend will suspend the SIM card:

Data (MB) _____	Voice (Mins) _____	Spend \$US _____
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Please nominate an email address for notification: _____

Section 4: Market Sector

Please advise which market sector the service is going to be associated to, mandatory for activation:

Agriculture	Aid and NGOs	Financial Services - Banking	Cable Layer	Civil Government
Construction	Cruise	Dredger	Education	Environmental Monitoring
Fishing	Government Health or Education	Healthcare	Financial Services - Insurance	Leisure
Limited Ground Test	Local Government	Manufacturing	Media	Merchant
Military Government	Mining	National Government	Offshore Supply Vessels	Oil and Gas
Passenger or Ferry	Retail and Wholesale Trade	Super-Yachting	Transportation and Logistics	Travel and Tourism
Tug Boat	Utilities	If the market sector for this connection is not listed, please select nearest alternative		

Section 5: Personal Details: Invoice Address / Credit Card registered address

By completing this section, I acknowledge that this information may be used to make a search with a Credit Reference Agency, we will keep a record of that search.

Title:	_____	PO or Ref No:	_____
Forename(s):	_____	Surname:	_____
Company:	_____	Co Reg No:	_____
VAT Number:	_____	Telephone:	_____
Address:	_____	Town/City	_____
Country:	_____	Postcode:	_____

VAT-registered applicants: Must provide a valid VAT number. If this is not provided VAT will be charged and proof of address will be required in the format of a copy of a bank statement or utility bill.

Private individuals / non-VAT registered applicants: Must provide proof of address: **Bank Statement** **Utility Bill**

Section 6: Payment Method

Consolidated/Group Invoice: If more than one service is registered by the above company/individual, AST will create one consolidated/group invoice. If you would prefer not to have this new service added to the group invoice, please tick here.

Payment of invoices: Invoices will be raised in US Dollars, if you would prefer to pay the total in Euro or Sterling please tick box as appropriate. AST's Exchange Rate Policy will apply as per our standard terms and conditions. € £

UK Customers paying in £ Sterling: If your preferred method of payment is by Direct Debit please tick here for an application form.

Customers who wish to pay by Credit Card: If you preferred method of payment is by Credit Card through AST's secure payment system please provide a contact telephone number to enable us to call you: _____

If you have previously provided Credit Card details for another connection and wish to use these again for this connection, please confirm the following:

Last 4 digits of card no: _____ **Expiry Date:** ____/____

If you require a credit account, please contact your Account Manager.

Section 7: Communication Delivery Addresses

AST require email addresses to enable efficient communications. All email addresses will be treated in strictest confidence and held only in secure systems fully compliant with latest Data Protection legislation: **One of each address is mandatory to create an account.**

Billing email address

Accounts Payable email address

Notification email address

Billing address is used to provide you with your bill (invoice).

Accounts Payable address is used for credit control communications.

Notification address is used to provide you with important information regarding any changes that may affect your account such as, but not limited to, contractual communication, dispute resolution and legal matters. This email address will be used as the default to create your account on MY AST Portal.

The notification email address will also be used to create an account on the AST Extranet. The AST Extranet gives you access to a complete information sharing platform that provides you with product and service related information, as well as the latest news.

The email address is used to send important information such as service/portal outage notifications, network changes etc. You can unsubscribe to the AST Extranet but please consider this as you will stop receiving important notifications which may be business critical.

The notification email address will be used to provide you with product and service information, promotions, AST sponsored events and new technologies which we feel will benefit your business. If you wish to receive these communications, please tick here.

Section 8: AST INTEGRA Network & Firewall Rules

The AST INTEGRA network provides several benefits to help manage your traffic (stated below). Customer preferences (rules) can be applied to block all or certain types of traffic, or to/from specific destinations. If your requirement is not covered by the options below, please contact our Global Customer Support team at globalcustomersupport@ast-networks.com or call on +44 (0) 1493 441485.

- INTEGRA See, INTEGRA See+, INTEGRA Control Lite & INTEGRA Control.
- Public dynamic and static IP addressing.
- Optimised internet routing using multiple Tier 1 providers.
- Advanced firewalling – Inbound/outbound/IP address/port rules and pre-built templates.
- Intrusion prevention – Inspection of all IP traffic for malware, vulnerabilities, etc.
- Web filtering, security, and optimisation – Category blocking, deep inspection of web traffic and optimisation.
- High bandwidth content blocking.
- Major update sites filtered/blocked.
- Usage reporting and alerting.
- Fully resilient infrastructure, monitored 24 x 7 x 365.
- X3 Points of presence – London, New York & Sydney in world-class data centres.
- Various inter-connect options via global telco's.

Home POP

Selecting your Home POP dictates where your IP traffic breaks out of the Integra network and onto the internet. Your traffic will appear on the internet with a public IP address specific to the region. Internet services will be able to detect the region and may display different content based on this selection. The default option is London, selecting any other option could add additional latency (up to approx. 150ms).

Select POP

London

New York

Sydney

Firewall Rules

Mobile to Fixed – Outbound rules (E.g. Terminal to the internet) – Default is 'Open'

If no outbound firewall rules exist then the firewall will not restrict any outbound traffic, but standard web filtering policies (Blocking advertisements and software updates, etc) will still be in place.

Please select one option per protocol required for each IP destination

Example of IP address format 10.20.30.40 OR

Example of Network address 10.20.30.0/24

This will be the terminal IP address (default)

Source IP Address

Destination IP

Destination IP

Destination IP Address

Network Address

Network Address

Network Address

Open – Allows all traffic

Closed – Blocks all traffic

Internet only

Email only

onsatmail only

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

Open – Allows all traffic

Closed – Blocks all traffic

Internet only

Email only

onsatmail only

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

Open – Allows all traffic

Closed – Blocks all traffic

Internet only

Email only

onsatmail only

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

Fixed to Mobile – (requires Static IP) (e.g. Internet to terminal) - Default is 'Blocked'

Inbound rules to allow traffic from the internet are only applicable to terminals with Public Static IP addresses.

Inbound rules can be applied as above, if required please contact our Global Customer Support team.

Section 9: Agreement to Terms and Conditions

By signing this document, you will be deemed to have read and accepted:-

AST Networks Master Service Agreement Terms and Conditions: <https://www.ast-networks.com/terms-and-conditions>

Our Global Customer Support team are available 24/7

Telephone: +44 1493 444185

Email: globalcustomersupport@ast-networks.com

The person signing this agreement must be the customer named in the agreement, or in the case of a company, must be authorised by the company to sign contractual documents.

Signed: _____ Name: _____ Date: ____ / ____ / ____

INTERNAL USE:

A/C Number:	_____	A/C Mgr ID:	_____
Dealer:	_____	Commission:	_____
Terms/Deposit: Refundable after 12 months trading	_____	Manager Sign-off:	_____