





















LD Manager Signal Identification Guide





HEADINGS	
Model	Type of device under operation.
Id	Identity number of the device.
Status	Operational state of the device, see below.
Power	Battery state of charge, see below.
RC	Connections still available through GPRS.
EC	Estimated rate of GPRS connections used per hour (based on the recent history of transmissions)
CED	Expiration date of available GPRS connections.
ARC	Connections still available through Iridium in this month.
AEC	Estimated rate of Iridium connections used per day (based on the recent history of transmissions)
ACRD	Renewal date of available Iridium connections
Actions	User actions to configure the device or to retrieve data.





STATUS		
Symbol	Message	Meaning
	Offline	<ul style="list-style-type: none"> The Nomad has not been switched on. The Nomad has been switched on but there is no GPRS or Iridium coverage.
	Started	<ul style="list-style-type: none"> The Nomad has been switched on and it has been able to connect successfully with the server.
	Started with warning	<ul style="list-style-type: none"> The Nomad has been switched on and it has been able to connect successfully with the server but unable to find a valid GPS position.
	Startup error	<ul style="list-style-type: none"> The Nomad has been switched on and it has been able to connect successfully with the server but unable to pass all the elements of its internal tests.
	Online	<ul style="list-style-type: none"> The Nomad is operating with adequate GPRS coverage and GPS positioning.
	Lapsed	<ul style="list-style-type: none"> The Nomad tried to send data at the configured time but it was unable due to lack of GPRS coverage at that precise time. Data are not lost but stored for later transmission.
	Online with warnings	<ul style="list-style-type: none"> The Nomad is operating with adequate GPRS coverage but unable to fix a GPS position.
	Online	<ul style="list-style-type: none"> The Nomad is operating with adequate Iridium coverage and GPS positioning.
	Lapsed	<ul style="list-style-type: none"> The Nomad tried to send data through Iridium at the configured time but it was unable due to inadequate coverage at that precise time. Data are not lost but stored for later transmission.
	Online with warnings	<ul style="list-style-type: none"> The Nomad is operating with adequate Iridium coverage but unable to fix a GPS position.






BATTERY POWER		
Symbol	Message	Meaning
	Full battery	<ul style="list-style-type: none"> The battery is between 76% and 100% of full capacity.
	Medium battery	<ul style="list-style-type: none"> The battery is between 51% and 75% of full capacity.
	Low battery	<ul style="list-style-type: none"> The battery is between 26% and 50% of full capacity.
	Very low battery	<ul style="list-style-type: none"> The battery is between 0% and 25% of full capacity.

ACTIONS: Configurations		
Symbol	Message	Meaning
	Configure device	<ul style="list-style-type: none"> Click to change sampling and/or transmission frequency.
	Configuration change in process	<ul style="list-style-type: none"> The gears rotate when a change of configuration has been demanded and this is being executed. The server is waiting to the next connection of the Nomad to send an order. The order has been sent and the server is waiting acknowledgment of receipt from the Nomad.
	Error changing configuration	<ul style="list-style-type: none"> The Nomad has received a request to change the configuration but a problem occurred while transmitting the new settings.

ACTIONS: Alarms		
Symbol	Message	Meaning
	Enable	<ul style="list-style-type: none"> No alarm to be aware of.
	Disabled	<ul style="list-style-type: none"> No alarm has been configured by the user.
	Alarms notified	<ul style="list-style-type: none"> Some alarms has been notified to the user.

ACTIONS: Search mode		
Symbol	Message	Meaning
	Search Mode	<ul style="list-style-type: none"> Click to activate the SEARCH MODE. The search mode allows increasing the frequency of sampling and transmission to recover the device. Note that SEARCH MODE only comes into action after the device has made a connection according to the previously configured frequency . SEARCH MODE transmits the drifter position via email every few minutes (default) or other user-defined interval. SEARCH MODE can be activated (✔), denied to return to the previous configuration (⊖) or canceled (✖). See more of the SEARCH MODE at the Nomad quick start guide.
	Search Mode on	<ul style="list-style-type: none"> The Nomad has received and successfully implemented the request for SEARCH MODE.
	Search Mode in process	<ul style="list-style-type: none"> The server is waiting to the next connection of the Nomad to send a SEARCH MODE order. The SEARCH MODE order has been sent and the server is waiting acknowledgment of receipt from the Nomad.
	Error activating search mode	<ul style="list-style-type: none"> The Nomad has received the SEARCH MODE order but a problem occurred while transmitting the new settings.

ACTIONS: Firmware		
Symbol	Message	Meaning
	Software version OK	<ul style="list-style-type: none"> The device is operating with the latest firmware version available.
	Software version available (static)	<ul style="list-style-type: none"> A new version of firmware is available.
	Software version update in progress (with motion)	<ul style="list-style-type: none"> The server is waiting to the next connection of the Nomad to send the new version of the firmware. The order to update the firmware has been sent and the server is waiting acknowledgment of receipt from the Nomad.
	Error updating software version	<ul style="list-style-type: none"> The Nomad has received the order to update the firmware but a problem occurred while transmitting it.

ACTIONS: Data		
Symbol	Message	Meaning
	Data available	<ul style="list-style-type: none"> Click to get a table showing the dates when the device has been operating.
	No data	<ul style="list-style-type: none"> The device has not yet been under operation and there is no data archived in LD Manager server.
	Export data	<ul style="list-style-type: none"> Click to recover a file with the data stored at LD Manager for this device. Available formats are Excel (.xls), Plain Text (.txt), 3D Position (.kmz) and MatLab (.mat).
	No data	<ul style="list-style-type: none"> The device has not yet been under operation and there is no data archived in LD Manager server.
	Description	<ul style="list-style-type: none"> Click to go to SouthTEK page with a technical description of the device.