

7.2.12 Category

The categories of alerts in terms of the expectation placed on the operator receiving the alert; i.e. generically, why has the alert been received and what type of implicit or explicit response is expected.

7.2.12.1 Attribute

Name	Summary
Action	An explicit input to the system is expected as a result of receiving the alert. The alert persists until it is cancelled due to the condition to which it relates no longer being present (due either to explicit operator action relating to the alert or action external to the ALMAS system).
Warning	The receiver may decide to take an explicit action in mitigation to the condition to which the warning relates. The alert does not persist according to the underlying condition that the alert warns about.
Information	The receiver is expected to take account of this information in subsequent decisions. The alert does not persist according to the underlying condition that the alert informs about.
Situation	The receiver is expected to take account of the new state of the situation in subsequent decisions. The alert persists until it is cancelled due to the condition to which it relates no longer being present (due either to explicit operator action relating to the alert or action external to the ALMAS system).

7.2.13 State

The states between which an alert transitions in its lifetime.

7.2.12.1 Attribute

Name	Summary
Raised	The alert has been created by the alert producer.
Routed	The alert has been routed to the receivers, but reception has not been confirmed by sufficient receivers to enter the received state.
Received	The alert has been received by sufficient receivers.
Acknowledged	All necessary acknowledgements have been made.
Handled	The alert ends its lifetime through being handled.
Cancelled	The alert ends its lifetime through being cancelled by the producer.
TimedOut	The alert ends its lifetime through being timed-out.

7.2.14 Status

The status of the entities with regards to the mode of use of ALMAS in comparison to the mode of use of receivers and producers.

7.2.14.1 Attribute

Name	Summary
Actual	Actionable by all targeted recipients.
Exercise	Actionable only by designated exercise participants.
System	For entities that support alert network internal functions.
Test	Technical testing only, all recipients disregard

7.2.15 Scope

This class models the scope of the alert's dissemination.

7.2.15.1 Attribute

Name	Summary
PublicScope	unrestricted dissemination
RestrictedScope	dissemination restricted to known functions
PrivateScope	dissemination restricted to specified addresses

7.2.16 TimeoutAction

This class models the possible behaviors when an alert is timed-out.

7.2.16.1 Attribute

Name	Summary
CancelOnly	The alert is just cancelled (the alert instance's lifetime ends).
NotifyOnly	The alert manager is notified.
CancelWithNotify	The alert is cancelled (the alert instance's lifetime ends) and the alert manager is notified.

7.2.17 AckModel

This class models the conditions upon which an alert state can transition to 'acknowledged'.

7.2.17.1 Attribute

Name	Summary
AckByNone	No acknowledgement is required.
AckByAnyone	Any single acknowledgement is sufficient.
AckByAll	The alert must be acknowledged by all recipients.