

AIN Message Library

Statement of Compliance

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1 Introduction

1.1 Purpose

The purpose of this document is to describe how the AIN message library complies with the AIN protocol specification GR-1299-CORE.

1.2 History

Table 1 Revision History

Revision	Date	Author	Comment
A	2008-03-05	XTSDANI	First approved revision.

1.3 Terms

AIN	Advanced Intelligent Network
LNP	Local Number Portability
SCP	Service Control Point
SS7	Signaling System Number 7
SSP	Service Switching Point



2 Compliance

2.1 Concepts

The following abbreviations are used throughout this document:

C (=Compliant) The implementation fully complies with the protocol specification.

N (=Not Compliant) The feature described in the protocol specification is not implemented or is implemented in a completely different way. A comment is added in the latter case.

P (=Partially Compliant) The implementation complies functionally with the protocol specification with some variations. A comment is added describing the deviation.

- There is nothing to implement in the referred section of the protocol specification (always placed in column C).

N/A The requirements in the referred section of the protocol specification are outside the scope of AIN Message Library (always placed in column C). The requirements *may* be of interest to an application that is using AIN Message Library.

2.2 GR-1299-CORE, Issue 10, November 2004

Following is a table where it is stated to what degree AIN Message Library complies with the requirements in each section of GR-1299-CORE (Reference [1]). GR-1299-CORE frequently refers to GR-1298-CORE, Reference [2].

Table 2 Compliance with GR-1299-CORE

References	C	N	P	Comments
1. Introduction	-			
1.1 Purpose and Scope	-			
1.2 Relationship to Other Telcordia AIN GRs and IN Standards	-			
1.3 Definitions	-			
1.4 Conventions	-			



References	C	N	P	Comments
1.5 Requirements Terminology	-			
1.6 Requirement Labeling Conventions	-			
1.6.1 Numbering of Requirement and Related Objects	-			
1.6.2 Requirement, Conditional Requirement, and Objective Object Identification	-			
1.7 Document Organization	-			
1.8 Major Changes from GR-1299-CORE, Issue 9	-			
2. Notation and Protocol Description	-			
2.1 Abstract Syntax and Transfer Syntax Notation	X			
2.2 TCAP	-			
2.2.1 General TCAP Package Structure	-			
2.2.2 Package Type and Transaction ID Requirements	N/A			
2.2.3 Component Type and Component ID Requirements	N/A			
2.2.4 Description of TCAP in ASN.1			X	Missing Mandatory Parameter is detected, but reported with Problem Code Badly Structured Component Portion.
3. Normal Procedures	-			
3.1 Definitions	-			
3.1.1 Switch Call Related Message	-			
3.1.1.1 Switch Request Message	-			



References	C	N	P	Comments
3.1.1.2 Switch Response Message	-			
3.1.1.3 Switch Notification Message	-			
3.1.2 SCP/Adjunct Call Related Message	-			
3.1.2.1 SCP/Adjunct Response Message	-			
3.1.2.2 SCP/Adjunct Event Message	-			
3.1.3 SCP/Adjunct Non-Call Related Message	-			
3.1.4 Switch Non-Call Related Message	-			
3.1.5 Multiple-Component Package	-			
3.1.6 Transactions	-			
3.1.6.1 Transaction Already Exists	-			
3.1.6.2 Transaction Does Not Already Exist	-			
3.1.6.3 Call Related Transaction	-			
3.1.6.4 Non-Call Related Transaction	-			
3.2 SCP/Adjunct-to-SSP Messages	-			
3.2.1 SCP/Adjunct Call Related Messages	-			
3.2.1.1 Transaction Level Procedures	N/A			
3.2.1.2 Component Level Procedures	N/A			
3.2.2 SCP/Adjunct Non-Call Related Messages	-			
3.2.2.1 Transaction Level Procedures	N/A			
3.2.2.2 Component Level Procedures	N/A			



References	C	N	P	Comments
3.3 SSP-to-SCP/Adjunct Messages	-			
3.3.1 Switch Call Related Messages	-			
3.3.1.1 Transaction Level Procedures	N/A			
3.3.1.2 Component Level Procedures	N/A			
3.3.2 Switch Non-Call Related Messages	-			
3.3.2.1 Transaction Level Procedures	N/A			
3.3.2.2 Component Level Procedures	N/A			
3.4 Dialogue Portion Requirements	N/A			
3.4.1 Switch-Initiated Transactions	-			
3.4.1.1 Switch Establishes the Transaction	N/A			
3.4.1.2 SCP/Adjunct Responds to the Query	N/A			
3.4.1.3 Switch Reaction to SCP/Adjunct Reply	N/A			
3.4.2 Switch Unidirectional Packages	-			
3.4.2.1 Switch Sends Unidirectional Package	N/A			
3.4.2.2 SCP/Adjunct Receives Unidirectional Package	N/A			
3.4.3 SCP/Adjunct Initiated Transactions	-			
3.4.3.1 SCP/Adjunct Establishes the Transaction	N/A			
3.4.3.2 Switch Responds to Query	N/A			
3.4.4 SCP/Adjunct Unidirectional Packages	-			



References	C	N	P	Comments
3.4.4.1 SCP/Adjunct Sends Unidirectional Package	N/A			
3.4.4.2 Switch Receives Unidirectional Package	N/A			
3.5 Summary Information	-			
4. Abnormal Procedures	-			
4.1 Definitions	-			
4.2 Protocol Errors	-			
4.2.1 Detectable Protocol Errors	N/A			
4.2.1.1 Fatal Transaction Portion Protocol Errors	N/A			
4.2.1.2 Fatal Component Portion Protocol Errors			X	<p>The following protocol errors are detected in some cases:</p> <ul style="list-style-type: none"> • Incorrect Component Portion • Badly Structured Component Portion <p>Missing Mandatory Parameter is detected, but reported with Problem Code Badly Structured Component Portion.</p> <p>The rest of the protocol errors are outside the scope of AIN Message Library, and should be handled by the application.</p>
4.2.1.3 Fatal Dialogue Portion Protocol Errors	N/A			



References	C	N	P	Comments
4.2.1.4 Non-Fatal Protocol Errors			X	<p>The Unrecognized Identifier non-fatal protocol error are handled according to Alternative 2 (CR4-9, CR4-10 and CR4-11).</p> <p>During decoding of parameters, all unrecognized identifiers are ignored and the decoding continues with the next parameter or field.</p> <p>Missing Mandatory Field conditions are not handled.</p>
4.2.2 Reporting Protocol Errors at the Transaction Level	-			
4.2.2.1 Fatal Transaction Portion Protocol Errors	N/A			
4.2.2.2 Fatal Component Portion Protocol Errors	N/A			
4.2.2.3 Fatal Dialogue Portion Protocol Errors	N/A			
4.2.3 Reporting Protocol Errors at the Component Level	-			
4.2.3.1 Fatal Protocol Errors	N/A			
4.2.3.2 Non-Fatal Protocol Errors	N/A			
4.3 Application Errors	-			
4.3.1 Description of Application Errors	-			
4.3.2 Detectable Application Errors	-			



References	C	N	P	Comments
4.3.2.1 Fatal Application Errors			X	<p>Erroneous Data Value is detected in decoding of ChargePartyStationType, Carrier, AlternateCarrier, SecondAlternateCarrier and TranslationType. This type of application error should be handled by the application as well.</p> <p>Unexpected Parameter Sequence is not detected.</p> <p>The rest of the application errors are outside the scope of AIN Message Library, and should be handled by the application.</p>
4.3.2.2 Non-Fatal Application Errors			X	<p>Erroneous Data Value is detected in decoding of ChargePartyStationType, Carrier, AlternateCarrier, SecondAlternateCarrier and TranslationType. This type of application error should be handled by the application as well.</p> <p>The rest of the application errors are outside the scope of AIN Message Library, and should be handled by the application.</p>
4.3.3 Reporting Application Errors	-			
4.3.3.1 Fatal Application Errors Without Fatal Dialogue Portion Application Error	N/A			
4.3.3.2 Fatal Dialogue Portion Application Errors	N/A			



References	C	N	P	Comments
4.3.3.3 Non-Fatal Application Errors	N/A			
4.4 Failures	-			
4.4.1 Detectable Failures	N/A			
4.4.2 Reporting Failures	-			
4.4.2.1 Transaction Level Procedures	N/A			
4.4.2.2 Component Level Procedures	N/A			
4.5 Caller Abandon	N/A			
4.6 Summary Information	-			
5. Messages			X	<p>The ExtensionParameter is not supported, it is ignored if present in a decoded message.</p> <p>There are some requirements in this section that are outside the scope of AIN Message Library, and should be handled by the application.</p>
5.1 Message Cross-Reference List	-			
5.2 Call Related Messages	-			
5.2.1 Switch Call Related Messages	-			
5.2.1.1 Call_Info_From_Resource		X		
5.2.1.2 Close			X	<p>Partly supported for SSP.</p> <p>An invoke component containing the CloseCause parameter can be encoded.</p>
5.2.1.3 CTR_Clear		X		
5.2.1.4 Failure_Outcome		X		



References	C	N	P	Comments
5.2.1.5 Info_Analyzed			X	<p>Partly supported for SSP.</p> <p>An invoke component containing the following parameters can be encoded:</p> <ul style="list-style-type: none"> • UserID • BearerCapability • CalledPartyID • Lata • TriggerCriteriaType (some values, see 6.147) • ChargeNumber • CallingPartyID • ChargePartyStationType • Carrier • ACGEncountered • JurisdictionInformation
5.2.1.6 Info_Collected		X		
5.2.1.7 Network_Busy		X		
5.2.1.8 O_Abandon		X		
5.2.1.9 O_Answer		X		
5.2.1.10 O_Called_Party_Busy		X		
5.2.1.11 O_Disconnect		X		
5.2.1.12 O_DTMF_Entered		X		
5.2.1.13 O_Mid_Call		X		
5.2.1.14 O_No_Answer		X		
5.2.1.15 O_Suspended		X		
5.2.1.16 O_Term_Seized		X		



References	C	N	P	Comments
5.2.1.17 Origination_Attempt		X		
5.2.1.18 Resource_Clear		X		
5.2.1.19 Set_Timer_Reply		X		
5.2.1.20 Success_Outcome		X		
5.2.1.21 T_Answer		X		
5.2.1.22 T_Busy		X		
5.2.1.23 T_Disconnect		X		
5.2.1.24 T_DTMF_Entered		X		
5.2.1.25 T_Mid_Call		X		
5.2.1.26 T_No_Answer		X		
5.2.1.27 Termination_Attempt		X		
5.2.1.28 Term_Resource_Available		X		
5.2.1.29 Timeout		X		
5.2.2 SCP/Adjunct Call Related Messages	-			
5.2.2.1 Acknowledge		X		



References	C	N	P	Comments
5.2.2.2 Analyze_Route			X	<p>Partly supported for SSP.</p> <p>An invoke component can be decoded, the following parameters can be extracted:</p> <ul style="list-style-type: none"> • ChargePartyStationType • CalledPartyID • PrimaryTrunkGroup • AlternateTrunkGroup • SecondAlternateTrunkGroup • Carrier • AlternateCarrier • SecondAlternateCarrier • AMAAlternateBillingNumber • AMABusinessCustomerID • SEQUENCE OF AMALineNumber • AMAslpID • SEQUENCE OF AMADigitsDialedWC • AMASequenceNumber • AMAServiceProviderID
5.2.2.3 Authorize_Termination		X		
5.2.2.4 Call_Info_To_Resource		X		



References	C	N	P	Comments
5.2.2.5 Cancel_Resource_Event		X		
5.2.2.6 Collect_Information			X	Partly supported for SSP. The operation code can be decoded. No parameters can be decoded.
5.2.2.7 Connect_To_Resource		X		
5.2.2.8 Continue			X	Partly supported for SSP. The operation code can be decoded. No parameters can be decoded.
5.2.2.9 Create_Call		X		
5.2.2.10 Disconnect			X	Partly supported for SSP. The operation code can be decoded. No parameters can be decoded.
5.2.2.11 Disconnect_Leg		X		
5.2.2.12 Forward_Call		X		
5.2.2.13 Merge_Call		X		
5.2.2.14 Move_Leg		X		
5.2.2.15 Offer_Call		X		
5.2.2.16 Originate_Call		X		
5.2.2.17 Reconnect		X		



References	C	N	P	Comments
5.2.2.18 Send_To_Resource			X	<p>Partly supported for SSP.</p> <p>An invoke component can be decoded, the following parameters can be extracted:</p> <ul style="list-style-type: none"> • ResourceType • StrParameterBlock • DisconnectFlag • DestinationAddress
5.2.2.19 Set_Timer		X		
5.2.2.20 Split_Leg		X		
5.3 Non-Call Related Messages	-			
5.3.1 ACG			X	<p>Partly supported for SSP.</p> <p>An invoke component can be decoded, the following parameters can be extracted:</p> <ul style="list-style-type: none"> • ControlCauseIndicator • GapDuration • GapInterval • TranslationType • GlobalTitleAddress



References	C	N	P	Comments
5.3.2 ACG_Global_Ctrl_Restore			X	Partly supported for SSP. An invoke component can be decoded, the ACGGlobalOverride parameter can be extracted. A return result component containing no parameters (just the SEQUENCE tag) can be encoded.
5.3.3 ACG_Global_Ctrl_Restore_Success			X	See 5.3.2 ACG_Global_Ctrl_Restore, return result component.
5.3.4 ACG_Overflow		X		
5.3.5 Activity_Test		X		
5.3.6 Activity_Test_Reply		X		
5.3.7 Call_Type_Request		X		
5.3.8 Call_Type_Response		X		
5.3.9 Control_Request		X		
5.3.10 Echo_Reply		X		
5.3.11 Echo_Request		X		
5.3.12 Furnish_AMA_Information		X		
5.3.13 Monitor_For_Change		X		
5.3.14 Monitor_Success		X		
5.3.15 NCA_Data		X		
5.3.16 NCA_Request		X		
5.3.17 NCA_Response		X		
5.3.18 Query_Request		X		
5.3.19 Query_Response		X		



References	C	N	P	Comments
5.3.20 Request_Report_BC M_Event			X	Partly supported for SSP. The operation code can be decoded. No parameters can be decoded.
5.3.21 Send_Notification			X	Partly supported for SSP. An invoke component can be decoded, the EchoData parameter can be extracted.
5.3.22 Status_Reported		X		
5.3.23 Termination_Notification			X	Partly supported for SSP. An invoke component containing the following parameters can be encoded: <ul style="list-style-type: none">• EchoData• TerminationIndicator• ConnectTime
5.3.24 Update		X		
5.3.25 Update_Data		X		
5.3.26 Update_Request		X		
5.3.27 Update_Success		X		
5.4 Abnormal Messages	-			
5.4.1 Application Errors	-			



References	C	N	P	Comments
5.4.1.1 Application_Error			X	<p>A return error component containing the ApplicationErrorString parameter (ErrorCause part) can be encoded.</p> <p>A return error component can be decoded, the ErrorCause part of the ApplicationErrorString parameter can be extracted.</p> <p>The error code can not be encoded or decoded.</p>
5.4.1.2 Report_Error			X	<p>An invoke component containing the ApplicationErrorString parameter (ErrorCause part) can be encoded.</p> <p>An invoke component can be decoded, the ErrorCause part of the ApplicationErrorString parameter can be extracted.</p>
5.4.1.3 Failure_Report			X	<p>A return error component containing the FailureCause parameter can be encoded.</p> <p>A return error component can be decoded, the FailureCause parameter can be extracted.</p> <p>The error code can not be encoded or decoded.</p>



References	C	N	P	Comments
5.4.2 Protocol Errors			X	<p>General Problem Codes incorrectComponentPortion and badlyStructuredComponentPortion are used when these protocol errors are detected.</p> <p>Missing Mandatory Parameter is detected, but reported with General Problem Code badlyStructuredComponentPortion.</p> <p>The rest of the Problem Codes are outside the scope of AIN Message Library.</p>
5.5 Message Tables	-			
6. Parameters and Formats			X	<p>R6-1: Values marked as spare or reserved are permitted and do not result in Erroneous Data Value.</p> <p>R6-1: Values omitted (not assigned any meaning) are not detected as Erroneous Data Value (examples include ACGGlobalOverride, ErrorCause, FailureCause, GapDuration, GapInterval).</p> <p>The rest of the requirements in this section are outside the scope of AIN Message Library, and should be handled by the application.</p>
6.1 AccessCode		X		
6.2 ACGEncountered			X	Can be encoded in the Info_Analyzed invoke component.



References	C	N	P	Comments
6.3 ACGGlobalOverride			X	Can be decoded in the ACG_Global_Ctrl_Rest ore invoke component.
6.4 AdministrableObject		X		
6.4.1 TriggerItemAssignment		X		
6.4.2 SSPUserResource		X		
6.4.3 SrhrGroup		X		
6.4.4 NetworkTestDesignator		X		
6.4.5 OperationsMonitoring Assignment		X		
6.5 ActResult		X		
6.6 AINDigits			X	This format type is used by several parameters that include digits as part of their contents.
6.7 AlternateBillingIndicator		X		
6.8 AlternateCarrier			X	Can be decoded in the Analyze_Route invoke component.
6.9 AlternateDialingPlanInd		X		
6.10 AlternateTrunkGroup			X	Can be decoded in the Analyze_Route invoke component.
6.11 AMAAlternateBillingNumber			X	Can be decoded in the Analyze_Route invoke component.
6.12 AMABAFModules		X		
6.13 AMABillingFeature		X		
6.14 AMABusinessCustomerID			X	Can be decoded in the Analyze_Route invoke component.
6.15 AMADigitsDialedWC			X	Can be decoded in the Analyze_Route invoke component.
6.16 AMALineNumber			X	Can be decoded in the Analyze_Route invoke component.



References	C	N	P	Comments
6.17 AMAMeasure		X		
6.18 AMAMeasurement		X		
6.19 AMAServiceProviderID			X	Can be decoded in the Analyze_Route invoke component.
6.20 AMASetHexABIndicator		X		
6.21 AMASequenceNumber			X	Can be decoded in the Analyze_Route invoke component.
6.22 AMASlpID			X	Can be decoded in the Analyze_Route invoke component.
6.23 Amp1		X		
6.24 Amp2		X		
6.25 AnswerIndicator		X		
6.26 ApplicationErrorString			X	Can be encoded and decoded in the Application_Error return error component and in the Report_Error invoke component. The optional fields FailedMessage and UserID can not be encoded or extracted from decoding.
6.27 ApplicationIndicator		X		
6.28 ApplyRestrictions		X		
6.29 BCMTtype		X		
6.30 BearerCapability			X	Can be encoded in the Info_Analyzed invoke component. The values not used for AIN can not be encoded.
6.31 BillingIndicator		X		
6.32 BusinessGroup		X		
6.33 BusyCause		X		



References	C	N	P	Comments
6.34 BusyType		X		
6.35 CalledPartyID			X	Can be encoded in the Info_Analyzed invoke component and decoded in the Analyze_Route invoke component.
6.36 CalledPartyStationType		X		
6.37 CallingGeodeticLocation		X		
6.38 CallingPartyBGID		X		
6.39 CallingPartyID			X	Can be encoded in the Info_Analyzed invoke component.
6.40 CallType		X		
6.41 Carrier			X	Can be encoded in the Info_Analyzed invoke component and decoded in the Analyze_Route invoke component.
6.42 CarrierFormat			X	This format type is used by the Carrier, AlternateCarrier and SecondAlternateCarrier parameters. It is supported where these parameters are supported.
6.43 CarrierUsage		X		
6.44 CcID		X		
6.45 ChargeNumber			X	Can be encoded in the Info_Analyzed invoke component.
6.46 ChargePartyStationType			X	Can be encoded in the Info_Analyzed invoke component and decoded in the Analyze_Route invoke component.
6.47 ClearCause		X		



References	C	N	P	Comments
6.48 ClearCauseData		X		
6.49 CloseCause			X	Can be encoded in the Close invoke component.
6.50 CollectedAddressInfo		X		
6.51 CollectedDigits		X		
6.52 CongestionLevel		X		
6.53 ConnectTime			X	Can be encoded in the Termination_Notification invoke component.
6.54 ControlCauseIndicator			X	Can be decoded in the ACG invoke component.
6.55 ControlEncountered		X		
6.56 ControllingLegTreatment		X		
6.57 CsID		X		
6.58 CTRConnection		X		
6.59 DestinationAddress			X	Can be decoded in the Send_To_Resource invoke component.
6.60 DisconnectCause		X		
6.61 DisconnectFlag			X	Can be decoded in the Send_To_Resource invoke component.
6.62 DisplayText		X		
6.63 DPConverter		X		
6.64 DTMFDigitsDetected		X		
6.65 EchoData			X	Can be decoded in the Send_Notification invoke component and encoded in the Termination_Notification invoke component.
6.66 EditListType		X		
6.67 EDPNotification		X		
6.68 EDPRequest		X		
6.69 EnvelopContent		X		



References	C	N	P	Comments
6.70 EnvelopeEncodingAuthority		X		
6.71 ErrorCause	X			
6.72 ExtendedRinging		X		
6.73 ExtensionParameter		X		
6.74 FacilityGID		X		
6.75 FacilityMemberID		X		
6.76 FacilityStatus		X		
6.77 FailedMessage		X		
6.78 FailureCause			X	Can be encoded and decoded in the Failure_Report return error component.
6.79 FailureCauseData		X		
6.80 FeatureActivatorID		X		
6.81 ForwardCallIndicator		X		
6.82 GapDuration			X	Can be decoded in the ACG invoke component.
6.83 GapInterval			X	Can be decoded in the ACG invoke component.
6.84 GenericAddress		X		
6.85 GenericAddressList		X		
6.86 GenericDigits		X		
6.87 GenericDigitsList		X		
6.88 GenericName		X		
6.89 GlobalTitleAddress			X	Can be decoded in the ACG invoke component. Supported with size constraint OCTET STRING (SIZE(5)).
6.90 InfoProvided		X		
6.91 IPReturnBlock		X		



References	C	N	P	Comments
6.92 JurisdictionInformation			X	Can be encoded in the Info_Analyzed invoke component.
6.93 LampTreatment		X		
6.94 Lata			X	Can be encoded in the Info_Analyzed invoke component.
6.95 LegID		X		
6.96 MonitorTime		X		
6.97 NetworkSpecificFacilities		X		
6.98 NotificationDuration		X		
6.99 NotificationIndicator		X		
6.100 ODTMFDigitsString		X		
6.101 ODTMFNumberOfDigits		X		
6.102 ONoAnswerTimer		X		
6.103 OriginalCalledPartyID		X		
6.104 OSIndicator		X		
6.105 OutpulseNumber		X		
6.106 OverflowBillingIndicator		X		
6.107 PartyID		X		
6.108 PartyOnHold		X		
6.109 PassiveLegTreatment		X		
6.110 PointInCall		X		
6.111 Prefix		X		
6.112 PrimaryBillingIndicator		X		
6.113 PrimaryTrunkGroup			X	Can be decoded in the Analyze_Route invoke component.
6.114 ProvideInfo		X		
6.115 RedirectingPartyID		X		
6.116 RedirectionInformation		X		



References	C	N	P	Comments
6.117 ResourceType			X	Can be decoded in the Send_To_Resource invoke component.
6.118 ResultCause		X		
6.119 RTPReroutingNumber		X		
6.120 RTPServiceIndicator		X		
6.121 Sap		X		
6.122 SecondAlternateBillingIndicator		X		
6.123 SecondAlternateCarrier			X	Can be decoded in the Analyze_Route invoke component.
6.124 SecondAlternateTrunkGroup			X	Can be decoded in the Analyze_Route invoke component.
6.125 SecurityEnvelope		X		
6.126 ServiceContext		X		
6.127 ServiceProviderID		X		
6.128 SignalingPointCode		X		
6.129 Spid			X	This format type is supported for UserID parameter, see 6.151.
6.130 SrhrGroupID		X		
6.131 SSPResponseMessageTimerT1		X		
6.132 StatusCause		X		
6.133 STRConnection		X		
6.134 StrParameterBlock			X	Can be decoded in the Send_To_Resource invoke component. StrParameterBlock is divided into sub-fields. Extraction of the individual sub-fields is not supported.
6.134.1 Play Announcements			X	Extraction of this sub-field is not supported. See 6.134.



References	C	N	P	Comments
6.134.2 Play Announcements and Collect Digits			X	Extraction of this sub-field is not supported. See 6.134.
6.134.3 Flex Parameter Block			X	Extraction of this sub-field is not supported. See 6.134.
6.135 SubsystemNumber		X		
6.136 Tcm		X		
6.137 TDTMFDigitsString		X		
6.138 TDTMFNumberOfDigits		X		
6.139 TerminateOnNoAnswer		X		
6.140 TerminationIndicator			X	Can be encoded in the Termination_Notification invoke component.
6.141 TimeoutTimer		X		
6.142 TimerUpdated		X		
6.143 TNoAnswerTimer		X		
6.144 TransID		X		
6.145 TranslationType			X	Can be decoded in the ACG invoke component.
6.146 TriggerCriteriaFlag		X		
6.147 TriggerCriteriaType			X	<p>Can be encoded in the Info_Analyzed invoke component.</p> <p>Only values used for Local Number Portability and Toll-free queries are supported:</p> <ul style="list-style-type: none"> • npa (4) • npaNXX (5) • numberPortability (37)
6.148 TriggerInformation		X		
6.149 TSTRCTimer		X		
6.150 UpdateFailure		X		



References	C	N	P	Comments
6.150.1 TTNNoAnswerTimer Failure		X		
6.150.2 TONoAnswerTimer Failure		X		
6.150.3 TriggerItemAssignmentFailure		X		
6.150.4 PotentialUseFailure		X		
6.150.5 UpdateGroupsFailure		X		
6.150.6 DPConverterFailure		X		
6.150.7 CancelInterdigitTimer Failure		X		
6.151 UserID			X	Can be encoded in the Info_Analyzed invoke component.
6.152 VerticalServiceCode		X		
6.153 WakeUpDuration		X		
7. SCCP Procedures	-			
7.1 SCCP Model	-			
7.2 General SCCP	-			
7.2.1 Receipt of (Extended) Unitdata Messages	N/A			
7.2.2 Message Return on Error	N/A			
7.2.3 Segmentation	N/A			
7.3 SCCP Parameter Population	N/A			
7.3.1 SSP Initial Message	N/A			
7.3.2 SSP Subsequent Message	N/A			
7.3.3 SCP Initial Message	N/A			
7.3.4 SCP Subsequent Message	N/A			



Reference List

AIN Protocol Specifications

- [1] *AINGR: Switch - Service Control Point (SCP)/Adjunct Interface*, GR-1299-CORE, Issue 10, November 2004, Telcordia Technologies
- [2] *AINGR: Switching Systems*, GR-1298-CORE, Issue 10, November 2004, Telcordia Technologies