



ISUP Measurement Counters (Release 4.5/4.5.1)

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This appendix illustrates which message counters are applicable to a given ISUP variant. The total message, abnormal release, unexpected and unrecognized message counter are applicable to all variants. These counters are used as display values in the [Measurements](#) chapter. ISUPs for Israel, Chile and Australia are not supported.

Table 4-1 *ISUP Measurement Counters by Variant*

Message	ANSI	China	Mexico	Thailand	Hong Kong	ETSIv2	Hungary	France (Release 4.5.1)	Poland (Release 4.5.1)	Columbia (Release 4.5.1)
ACM	X	X	X	X	X	X	X	X	X	X
ANM	X	X	X	X	X	X	X	X	X	X
ARR				X						
BLA	X	X	X	X	X	X	X	X	X	X
BLO	X	X	X	X	X	X	X	X	X	X
CCL		X	X			X				
CCR	X	X	X	X		X	X	X		
CFN	X		X	X	X		X	X		X
CGB	X	X	X	X	X	X	X	X	X	X
CGBA	X	X	X	X	X	X	X	X	X	X
CGU	X	X	X	X	X	X	X	X	X	X
CGUA	X	X	X	X	X	X	X	X	X	X
CON		X	X	X	X	X	X	X	X	X
COT	X	X	X	X	X	X	X	X	X	X
CPG	X	X	X	X	X	X	X	X	X	X
CQM	X		X	X						
CQR	X		X	X						
CRA	X									
CRM	X									

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Message	ANSI	China	Mexico	Thailand	Hong Kong	ETSIv2	Hungary	France (Release 4.5.1)	Poland (Release 4.5.1)	Columbia (Release 4.5.1)
CRG										X
CVR	X									
CVT	X									
EXM	X									
FAA						X	X	X	X	X
FAC	X				X		X	X	X	
FAR										X
FOT	X									
FRJ										X
FWT										
GRA	X	X	X	X	X	X	X			X
GRS	X	X	X	X	X	X	X			X
IAM	X	X	X	X	X	X	X			X
IDR							X			
INF	X		X	X	X		X			X
INR			X	X	X		X			X
IRS							X			
ITX								X	X	
LPA	X									
LPM										
NRM					X					
OLM							X	X	X	
OPR		X				X				
PAM	X				X					
PRI										
REL	X	X	X	X	X	X	X	X	X	X
RES	X	X	X	X	X	X	X	X	X	X
RLC	X	X	X	X	X	X	X	X	X	X
RSC	X	X	X	X	X	X	X	X	X	X
SAM		X	X	X	X	X	X	X	X	X
SGM		X			X	X	X	X	X	
SUS	X	X	X	X	X	X	X	X	X	X
UBA	X	X		X	X	X	X	X	X	X
UBL	X	X	X	X		X	X	X	X	X
UCIC	X		X	X						X

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Message	ANSI	China	Mexico	Thailand	Hong Kong	ETSIv2	Hungary	France (Release 4.5.1)	Poland (Release 4.5.1)	Columbia (Release 4.5.1)
UPA							X	X	X	
UPT							X	X	X	
USR	X						X	X	X	X

