

1.

(.1).

$$\vdots$$

1. 
2. 
3. 
4. 
5. 
6. 

- 1.
 - 1.1.
 - 1.2.
 - 1.3. " "
 - 1.4. " "
 - 1.5. " "
 - 1.6.

The image's data is missing.

.1.

1.1.

,

1.2 ""

■■■■

•

```

• - ;
• - : nline (1, ) - ; offline (2, ) - ; break (3, ) - ; break out (4, ) - ;
• - ;
• 0 - ;
• 0 - " " ;
• - ;
• - ;
• - ;
• - ;
• - ;
• - + ;
• ASA - ;
• ASA - ;
• - : ( " " / " " ) * 100%.

```

1.3. " "

;

•

•

- - 1
- - 3
- - 1 : waiting- , offering- , bridged- :
- - 3
- - 3
- - 1
- - 3
- - 1

1.4. " "

• •

1.5. " "

$$\vdots$$

-
-

1.

- SIP .

().

SIP		
	UNSPECIFIED	, 1, 88 100
404	UNALLOCATED_NUMBER	().
404	NO_ROUTE_TRANSIT_NET	,
404	NO_ROUTE_DESTINATION	,
	CHANNEL_UNACCEPTABLE	,
	CALL_AWARDED_DELIVERED	(, x.25).
	NORMAL_CLEARING	
486	USER_BUSY	,
408	NO_USER_RESPONSE	,
480	NO_ANSWER	Q.931,
480	SUBSCRIBER_ABSENT	-
603	CALL_REJECTED	-
410	NUMBER_CHANGED	:1, () .
410	REDIRECTION_TO_NEW_DESTINATION	ISUP,
483	EXCHANGE_ROUTING_ERROR	- 0.
502	DESTINATION_OUT_OF_ORDER	« » , ;
484	INVALID_NUMBER_FORMAT	,
501	FACILITY_REJECTED	,
	RESPONSE_TO_STATUS_ENQUIRY	STATUS, STATUS STATUS INQUIRY.
480	NORMAL_UNSPECIFIED	,
503	NORMAL_CIRCUIT_CONGESTION	/
503	NETWORK_OUT_OF_ORDER	,
503	NORMAL_TEMPORARY_FAILURE	;
503	SWITCH_CONGESTION	,
	ACCESS_INFO_DISCARDED	,
503	REQUESTED_CHAN_UNAVAIL	,
	FACILITY_NOT_SUBSCRIBED	,
403	OUTGOING_CALL_BARRED	CUG, CUG.
403	INCOMING_CALL_BARRED	CUG CUG, CUG.
403	BEARERCAPABILITY_NOTAUTH	,

503	BEARERCAPABILITY_NOTAVAIL	, , , , .
	SERVICE_UNAVAILABLE	, .
488	BEARERCAPABILITY_NOTIMPL	, , , .
	CHAN_NOT_IMPLEMENTED	, , , .
501	FACILITY_NOT_IMPLEMENTED	, , , .
501	SERVICE_NOT_IMPLEMENTED	, , , , .
	INVALID_CALL_REFERENCE	, , , , , -.
488	INCOMPATIBLE_DESTINATION	, , , , , (,), .
	INVALID_MSG_UNSPECIFIED	, .
	MANDATORY_IE_MISSING	, , , , , , .
	MESSAGE_TYPE_NONEXIST	, , , , , , , .
	WRONG_MESSAGE	, , , , , , STATUS, .
	IE_NONEXIST	, , , , 0 / 0, 0 / 0 , , , , 0 / 0 . , , , .
	INVALID_IE_CONTENTS	, , , , ; I.E. , , .
	WRONG_CALL_STATE	, , .
504	RECOVERY_ON_TIMER_EXPIRE	, , , . NAT., «NAT Mapping Enable» ATA. NAT, , , .
	MANDATORY_IE_LENGTH_ERROR	, , , , , , , , , , , 0 .
	PROTOCOL_ERROR	, .
	INTERWORKING	, (SW56) .
	MANAGER_REQUEST	, api, .
	PICKED_OFF	, .
	USER_NOT_REGISTERED	, SIP, .
	GATEWAY_DOWN	(OPTIONS SUBSCRIBE)
	ABANDONED	,
	ORIGINATOR_CANCEL	() , (Answer)

.1.

1.6. ""

.

:

- -
- -
- - ,
- -
- -, . 0% 60% , 60% 80% - , 80% 100% - .