

Uppgjord/Prepared	Faktaansvarig/Subject responsible	Dokumentnr/Docume	ent number	
SEA/EBBX/E Johannes Brokisch		4/155 19-11/ ASB 150 02		
Dokansv/Godkänd - Doc respons/Approved	Kontr/Checked	Datum/Date	Rev	Tillhör/Referens-File/Reference
SEA/EBBX/E Herbert Mair		2001-05-15	Α	ASB 150 02 R11

Database reference: IWD-CIL4HOTEL.fm

# **INTERWORK DESCRIPTION for CIL4HOTEL FORMAT:**

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## 1 General

ASB 150 can be connected via one or two serial V.24 interface(s)to peripheral (external) computer/PC or printer for transmission of inter alia:

- Registration of call data (Call Information Logging, CIL).
- Registration and activation of facilities for hotel applications.

For this transmission of information between ASB150 and a peripherally connected unit there exist a number of INFORMATION FORMATS compiled for the following messages:

- CALL data to a peripherally connected printer.
- CALL data to a peripherally connected computer/PC.
- CALL and HOTEL data to a peripherally connected printer.
- CALL and HOTEL data to a peripherally connected computer/PC.
- HOTEL data from a peripherally connected computer/PC.

Command 6403 is utilised to state the INFORMATION FORMAT that is required (is necessary) for interworking with the peripherally connected unit.

All information data (characters) are ASCII standard characters.

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## 2 INFORMATION FORMAT CIL4

Below is described the INFORMATION FORMAT "CIL4" which is one of the formats that have been compiled for transmission of information between ASB150 and a peripherally connected computer.

The introduction of Least cost routing and ISDN causes the changes from CILHOTEL to CIL2 FORMAT. The CIL2 FORMAT is the CILHOTEL format with additional fields. (Information state I, Costs, Cost state, Trunk number, Sent number, Dialled access code, Sent access code).

The change between CIL2 format and the CIL3 format is an additional field 'A-number'. The change between CIL3 format and the CIL4 format are two additional field 'Call via facility' and 'Transfer condition'.

#### 2.1 DATA FROM ASB150 TO A PERIPHERALLY CONNECTED COMPUTER/PC

#### 2.1.1 CALL DATA to a peripherally connected computer/PC

Description of format "CIL4" for transmission of call data from ASB150 to a peripherally connected computer/PC.

#### 2.1.1.1 CALL INFORMATION LOGGING: Format 10 'CIL4 FORMAT'

The format for transmission of call data "CALL INFORMATION LOGGING" from ASB150 to a peripherally connected "CIL-computer/PC"

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	00	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CALL DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	END TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	CALLER'S NUMBER	0-9999	*) <
24		space, "SP"	
25-29	CALL DURATION	hr min sec (hmmss)	
30		space, "SP"	
31-34	METER PULSES	0-9999	*)>



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Characters	Contents	Value	Comment/ Adjust
35		space, "SP"	
36-39	DIALLED ACCESS CODE	0-9999	*) <
40		space, "SP"	
41-64	DIALLED NUMBER	1-24 digits	*) <
65		space, "SP"	
66	INFORMATION STAT.II	1 character	
67		space, "SP"	
68-82	ACCOUNT CODE	1-15 digits	*) <
83		space, "SP"	
84-87	AUTHORISTION CODE	0-9999	*) <
88		space, "SP"	
89-92	QUEUE TIME, ANSWER	min sec (mmss)	*) <
93		space, "SP"	
94	INFORMATION STATUS I	1 character	
95		space, "SP"	
96-106	COSTS	0-9999999999 (11digits)	*)>
107		space, "SP"	
108	COST STATE	1 character	
109		space, "SP"	
110-113	TRUNK NUMBER	0-9999	*) <
114		space, "SP"	
115-118	SENT ACCESS CODE	0-9999	*) <
119		space, "SP"	
120-143	SENT NUMBER	1-24 digits	*) <
144		space, "SP"	
145-164	A - number	1-20 digits	*) <
165		space, "SP"	
166	Call via facility	1 character	
167		space, "SP"	
168-169	Transfer condition	2 digits	
170		space, "SP"	



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Characters	Contents	Value	Comment/ Adjust
166	Carriage return	"CR"	
167	Line feed	"LF"	

Comment:

\*)Field filled in with spaces and when no data stated solely with spaces.

#### DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: CALL DATA = 00

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CALL DATE (Characters 8 - 13)

Year, month and day when call was terminated. Two digits for year and two digits for month followed by two digits for day.

END TIME (Characters 15 - 18)

Hour and minute when call was terminated (24 hour clock). Two digits for hour followed by two digits for minute.

CALLER'S NUMBER (Characters 20 - 23)

4-digit field containing caller's number. Left adjusted with (possibly) subsequent spaces.

CALL DURATION (Characters 25 - 29)

5-digit field containing call duration expressed in hours, minutes and seconds. One digit for hour followed by two digits for minutes and two digits for seconds. (Maximum 9 hours, 59 minutes and 59 sec.) (No call duration is stated solely with spaces).

METER PULSES (Characters 31 - 34)

4-digit field that states quantity of received meter pulses within the range 0 - 9999. Right adjusted with (possibly) introductory spaces.

DIALLED ACCESS NUMBER (Characters 36 - 39)

4 digit field containing the dialled route access number of the trunk lines. Left adjusted with (possibly) subsequent spaces.

DIALLED NUMBER (Characters 41 - 64)

24-digit field containing dialled number. Left adjusted with (possibly) subsequent spaces.

INFORMATION STATUS II (Character 66)

One character for status information with following ASCII values:

#### EXTERNAL CALL:

\_\_\_\_\_

Char: status inf:
---a (61h) = OUTGOING.

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b (62h) = Outgoing, set up to a conference call.
            c (63h) = Outgoing, with an extrem long duration (sub-record).
            d (64h) = Outgoing, set up to a conference call and
                      with an extrem long duration (sub-record).
            e (65h) = Outgoing, SET UP WITH OPERATOR ASSISTANCE.
            f (66h) = Outgoing, set up with operator assistance and
                     set up to a conference call.
            g (67h) = Outgoing, set up with operator assistance and
                     with an extrem long duration (sub-record).
            h (68h) = Outgoing, set up with operator assistance and
                      set up to a conference call and
                     with an extrem long duration (sub-record).
            i (69h) = Outgoing, SET UP WITH RECALL ON TRUNK.
            j (6Ah) = Outgoing, set up with recall on trunk and
                      set up to a conference call.
            k (6Bh) = Outgoing, set up with recall on trunk and
                     with an extrem long duration (sub-record).
            1 (6Ch) = Outgoing, set up with recall on trunk and
                      set up to a conference call and
                      with an extrem long duration (sub-record).
            m (6Dh) = Spare. n (6Eh) = Spare. o (6Fh) = Spare. p (60h) = Spare.
            1 (31h) = Outgoing, set up with DISA.
            3 (33h) = Outgoing, set up with DISA and
                      with an extrem long duration (sub-record).
            4 (34h) = Outgoing, set up with EXTERNAL DIVERSION.
            6 (36h) = Outgoing, set up with EXTERNAL DIVERSION and
                      with an extrem long duration (sub-record).
            8 (38h) = Outgoing, set up with CTI
            A (41h) = INCOMING.
            B (42h) = Incoming, set up to a conference call.
            C (43h) = Incoming, with an extrem long duration (sub-record).
            D (44h) = Incoming, set up to a conference call and
                     with an extrem long duration (sub-record).
            E (45h) = Incoming, SET UP WITH OPERATOR ASSISTANCE.
            F (46h) = Incoming, set up with operator assistance and
                     set up to a conference call.
            G (47h) = Incoming, set up with operator assistance and
                     with an extrem long duration (sub-record).
            H (48h) = Incoming, set up with operator assistance and
                      set up to a conference call and
                      with an extrem long duration (sub-record).
            I (49h) = Spare. J (4Ah) = Spare. K (4Bh) = Spare. L (4Ch) = Spare.
            M (4Dh) = Spare. N (4Eh) = Spare. O (4Fh) = Spare. P (50h) = Spare.
INTERNAL CALL:
                        status inf:
            Char:
                      -----
            Q (51h) = INTERNAL.
```

R (52h) = Internal, set up to a conference call.

T (54h) = Internal, set up to a conference call and

S (53h) = Internal, with an extrem long duration (sub-record).

with an extrem long duration (sub-record).



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U (55h) = Internal, SET UP WITH OPERATOR ASSISTANCE.
V (56h) = Internal, set up with operator assistance and
                          set up to a conference call.
W (57h) = Internal, set up with operator assistance and
                          with an extrem long duration (sub-record).
X (58h) = Internal, set up with operator assistance and
                          set up to a conference call and
                          with an extrem long duration (sub-record).
Y (59h) = Spare.
Z (5Ah) = Spare.
[(5Bh) = Spare.
\setminus (5Ch) = Spare.
] (5Dh) = Spare.
^{\circ} (5Eh) = Spare.
 (5Fh) = Spare.
(60h) = Spare.
```

#### ACCOUNT CODE (Character 68 - 82)

15-digit field that contains the stated account code. Left adjusted with (possibly) subsequent spaces. (If no account code is used the field will consist of spaces).

#### AUTHORISATION CODE (Character 84 - 87)

When authorisation code is used, for outgoing calls, this 4-digit field will contain the directory number of the extension telephone via which the call is conducted. Left adjusted with (possibly) subsequent spaces. (The directory number to which the authorisation code belongs is then stated in field for "caller's number", characters 20 - 23).(If no authorisation code is used the field will consist of spaces).

#### OUEUE TIME, ANSWER (Character 89 - 92)

Queue time is the period a call waits for a first answer. The queue time is expressed in 2 digits for minutes followed by two digits for seconds.

#### INFORMATION STATE I: (Character 94)

Header information for type of call. One character for state information with following ASCII values:

CHAR:	STATUS INFO:
a	Outgoing
m	Outgoing with LCR
n	CN - call (*)
A	Incoming
0	Internal

(\*)CN-call: Originator can either be in the own exchange or in the CN-network.

#### (Character 96 - 106)

11-digit field that state the value of costs with the range of 0 - 99999999999. The cost is an ascii-string with decimal notation. Right adjusted with (possible) introductory space.

COST STATE: (Character 108)

One character for cost state information with following ASCII values:

CHAR:	INFO:
I	The 'cost of the call' is calculeted
	internally by ASB15002.

The 'cost of the call' is received from  $\mathbf{E}$ network.



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(Character 110 - 113) TRUNK NUMBER:

4-digit field containing the directory number of the seized trunk line.

SENT ACCESS NUMBER: (Character 115 - 118)

4 digit field containing the selected route access number of the trunk lines.

SENT NUMBER: (Character 120 - 143)

For outgoing calls:

24-digit field containing the sent number. If least cost routing will not be used this field has the same contents as the 'Dialled number' field.

For incoming calls:

The field containing the dialled digits from an external caller during an incoming facility call (e.g. automated attendant).

The digits are left adjusted with (possible) subsequent spaces.

A - NUMBER: (Character 145 - 164)

20-digit field containing the A - number.Left adjusted with (possible) subsequent spaces.

CALL VIA FACILITY: (Character 166)

One character for CALL VIA FACILITY information with following ASCII values: If a call was transferred from an incoming ACD or AA call the charater will be set according the following values.

> CHAR: TNFO.

C Call via Automatic Call Distribution

Call via Automated Attendant

TRANSFER CONDITION: (Character 168-169)

Two characters for TRANSFER CONDITION information with following ASCII values: If an incoming ACD or AA call is transferred or released the characters will be set according the following values.

CHAR:

Call transferred to desired extension or valid entry

Call transferred to exit position(invalid entry or timeout) 12

External caller released the call 13

Call transferred to exit position (extension busy) 14

#### 2.1.2 HOTEL DATA to a peripherally connected computer/PC

Description of format "CIL4" for transmission of hotel data from ASB150 to a peripherally connected computer/PC.

#### 2.1.2.1 Hotel data "CHECK IN"

The format for transmission of hotel data "CHECK IN" from ASB150 to a peripherally connected "CIL-computer/PC"

Character	Contens	Value	CommenT7.Adj ust
1-2	MESSAGE CODE	10	



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3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*)<
24		space, "SP"	
25-59	GUEST NAME	35 characters	*)<
60		space, "SP"	
61-66	CHECK IN DATE	year month day (yymmdd)	
67		space, "SP"	
68-73	CHECK OUT DATE	year month day (yymmdd)	
74		space, "SP"	
75-77	LANGUAGE	0-999	
78		space, "SP"	
79	CREDIT INFORMATION	0-99	
80		space, "SP"	

#### Comment: \*) Field filled in with spaces DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: CHECK IN = 10

(Characters 4 - 6) SEQUENCE NUMBER

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

GUEST NAME (Characters 25 - 59)

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Field with room for 35 characters for relevant quest name. Left adjusted with (possibly) subsequent spaces.

CHECK IN DATE (Characters 61 - 66)

ERICSSON **S** 

Year, month and date for check in. Two digits for year and two digits for month followed by two digits for day.

CHECK OUT DATE (Characters 68 - 73)

Year, month and date for check out. Two digits for year and two digits for month followed by two digits for day.

(Characters 75 - 77) LANGUAGE

3-digit field, right adjusted with (possibly) introductory zeros, that states appropriate language for guest:

000 = Not used

001 = English

002 = Swedish

003 = Finnish

004 = Italian

005 = French

006 = German

007 = Japanese

008 = Chinese

009 = Norwegian

010 = Danish

011 = Spanish

012 = Dutch013 = Portuguese

014 = Greek

015 = Arabic

016 = Icelandic

017 = Russian

018 = Hungarian

019 = Polish

020 = Slovakian

021 = Slovenian

022 = Estonia 023 = Czech Republic

>023 = Spare

SPACE (20h) = no language

#### CREDIT INFORMATION (Character 79)

1-digit that states guest's credit status:

00 = Non-VIP

01 = VIP (Very Important Person)

02 = Master Card/ Charge

03 = American Express (normal)

04 = American Express (gold)

05 = American Express (platinum)

06 = Diners Club

07 = VISA

08 = EURO

>08 = Spare

SPACE (20h) = no credit information



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#### 2.1.2.2 Hotel data "CHECK OUT"

The format for transmission of hotel data "CHECK OUT" from ASB150 to a peripherally connected "CIL-computer/PC"

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	20	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	
25-59	GUEST NAME	35 characters	*) <
60		space, "SP"	
61-66	CHECK IN DATE	year month day (yymmdd)	
67		space, "SP"	
68-73	CHECK OUT DATE	year month day (yymmdd)	
74		space, "SP"	
75-77	LANGUAGE	0-999	>
78		space, "SP"	
79	CREDIT INFORMATION	0-99	
80		space, "SP"	

Comment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS

(Characters 1 - 2)

2-characters identification code for relevant message: CHECK OUT = 20

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)



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Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

GUEST NAME (Characters 25 - 59)

Field with room for 35 characters for relevant guest name. Left adjusted with (possibly) subsequent spaces.

CHECK IN DATE (Characters 61 - 66)

Year, month and date for check in. Two digits for year and two digits for month followed by two digits for day.

CHECK OUT DATE (Characters 68 - 73)

Year, month and date for check out. Two digits for year and two digits for month followed by two digits for day.

LANGUAGE (Characters 75 - 77)

3-digit field, right adjusted with (possibly) introductory zeros, that states appropriate language for quest:

000 = Not used

001 = English

002 = Swedish

003 = Finnish

004 = Italian

005 = French

006 = German

007 = Japanese

008 = Chinese

009 = Norwegian

010 = Danish

011 = Spanish

012 = Dutch

013 = Portuguese

014 = Greek

015 = Arabic

016 = Icelandic

017 = Russian

018 = Hungarian

019 = Polish

020 = Slovakian

021 = Slovenian

022 = Estonia

023 = Czech Republic

>023 = Spare

SPACE (20h) = no language

CREDIT INFORMATION (Character 79)

1-digit that states guest's credit status:

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00 = Non-VIP

01 = VIP (Very Important Person)

02 = Master Card/ Charge

03 = American Express (normal)

04 = American Express (gold)

05 = American Express (platinum)

06 = Diners Club

07 = VISA

08 = EURO

>08 = Spare

SPACE (20h) = no credit information

#### 2.1.2.3 Hotel data "UPDATE-GUEST DATA"

The format for transmission of hotel data "UPDATE-GUEST DATA" from ASB150 to a peripherally connected "CIL-computer/PC"

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	30	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	
25-59	GUEST NAME	35 characters	*) <
60		space, "SP"	
61-66	CHECK IN DATE	year month day (yymmdd)	
67		space, "SP"	
68-73	CHECK OUT DATE	year month day (yymmdd)	
74		space, "SP"	
75-77	LANGUAGE	0-999	>
78		space, "SP"	
79	CREDIT INFORMATION	0-99	



Interwork	Description
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Uppgjord/Prepared	Faktaansvarig/Subject responsible	Dokumentnr/Document number		
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		2001-05-15	Α	

Database reference: IWD-CIL4HOTEL.fm

Characters	Contents	Value	Comment/ Adjust
80		space, "SP"	

#### IComment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: UPDATE-GUEST DATA = 30

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

GUEST NAME (Characters 25 - 59)

Field with room for 35 characters for relevant guest name. Left adjusted with (possibly) subsequent spaces.

CHECK IN DATE (Characters 61 - 66)

Year, month and date for check in. Two digits for year and two digits for month followed by two digits for day.

CHECK OUT DATE (Characters 68 - 73)

Year, month and date for check out. Two digits for year and two digits for month followed by two digits for day.

LANGUAGE (Characters 75 - 77)

3-digit field, right adjusted with (possibly) introductory zeros, that states appropriate language for guest:

000 = Not used

001 = English

002 = Swedish

003 = Finnish

004 = Italian

005 = French

006 = German

007 = Japanese

oor – Dapanes

008 = Chinese

009 = Norwegian

010 = Danish

011 = Spanish
012 = Dutch

013 = Portuguese

#### **Interwork Description**

Uppgjord/Prepared	Faktaansvarig/Subject responsible	Dokumentnr/Document number		
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				<u>'</u>

Database reference: IWD-CIL4HOTEL.fm

014 = Greek 015 = Arabic 016 = Icelandic 017 = Russian 018 = Hungarian 019 = Polish 020 = Slovakian 021 = Slovenian 022 = Estonia 023 = Czech Republic >023 = Spare SPACE (20h) = no language

CREDIT INFORMATION (Character 79) 1-digit that states guest's credit status:

> 00 = Non-VIP01 = VIP (Very Important Person)

02 = Master Card/ Charge

03 = American Express (normal) 04 = American Express (gold)

05 = American Express (platinum)

06 = Diners Club

07 = VISA08 = EURO >08 = Spare

SPACE (20h) = no credit information

#### 2.1.2.4 Hotel data "ORDER MESSAGE WAITING"

The format for transmission of hotel data "ORDER MESSAGE WAITING" from ASB150 to a peripherally connected "CIL-computer/PC"

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	31	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	

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#### **Interwork Description**

Uppgjord/Prepared	Faktaansvarig/Subject responsible	Dokumentnr/Document number		
		4/155 19-11/ A	SB 150 02	
Dokansv/Godkänd - Doc respons/Approved	Kontr/Checked	Datum/Date	Rev	Tillhör/Referens-File/Reference
		2001-05-15	Α	
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Database reference: IWD-CIL4HOTEL.fm

#### Comment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: ORDER MESSAGE WAITING = 31

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

#### 2.1.2.5 Hotel data "CLEAR MESSAGE WAITING"

The format for transmission of hotel data "CLEAR MESSAGE WAITING" from ASB150 to a peripherally connected "CIL-computer/PC"

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	32	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	

#### Comment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS



Uppgjord/Prepared	Faktaansvarig/Subject responsible	Dokumentnr/Document number		
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Dokansv/Godkänd - Doc respons/Approved	Kontr/Checked	Datum/Date	Rev	Tillhör/Referens-File/Reference
		2001-05-15	Α	

Database reference: IWD-CIL4HOTEL.fm

2-characters identification code for relevant message: CLEAR MESSAGE WAITING = 32

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

#### 2.1.2.6 Hotel data "WAKE-UP ORDER"

The format for transmission of hotel data "WAKE-UP ORDER" from ASB150 to a peripherally connected "CIL-computer/PC"

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	40	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	
25-87		space, "SP"	
88-91	WAKE-UP TIME	hour minute (hhmm)	
92		space, "SP"	
93	WAKE-UP STATUS	0-9	
94		space, "SP"	

Comment: \*) Field filled in with spaces



Uppgjord/Prepared	Faktaansvarig/Subject responsible	Dokumentnr/Document number		
		4/155 19-11/ A	<b>NSB 150 02</b>	
Dokansv/Godkänd - Doc respons/Approved	Kontr/Checked	Datum/Date	Rev	Tillhör/Referens-File/Reference
		2001-05-15	Α	
				•

Database reference: IWD-CIL4HOTEL.fm

#### DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: WAKE-UP ORDER = 40

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

WAKE-UP TIME (Characters 88 - 91)

Relevant wake-up time in hour and minute (24 hour clock). Two digits for hour followed by two digits for minute.

WAKE-UP STATUS (Character 93)

1-digit that states guest's wake-up status:

0 = Guest ordered wake-up call.

1 = Administration ordered wake-up call.

>2 = Spare

#### Hotel data "WAKE-UP ANSWERED" 2.1.2.7

The format for transmission of hotel data "WAKE-UP ANSWERED" from ASB150 to a peripherally connected "CIL-computer/PC"

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	41	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	



Uppgjord/Prepared	Faktaansvarig/Subject responsible	Dokumentnr/Document number		
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		2001-05-15	Α	

Database reference: IWD-CIL4HOTEL.fm

Characters	Contents	Value	Comment/ Adjust
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	
25-87		space, "SP"	
88-91	WAKE-UP TIME	hour minute (hhmm)	
92		space, "SP"	
93	WAKE-UP STATUS	0-9	
94		space, "SP"	

#### Comment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: WAKE-UP ANSWERED = 41

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

WAKE-UP TIME (Characters 88 - 91)

Relevant wake-up time in hour and minute (24 hour clock). Two digits for hour followed by two digits for minute.

WAKE-UP STATUS (Character 93)

1-digit that states guest's wake-up status:

0 = Guest answered wake-up call.

1 = Administration answered wake-up call.

>2 = Spare

#### 2.1.2.8 Hotel data "WAKE-UP CANCELLED"

The format for transmission of hotel data "WAKE-UP CANCELLED" from ASB150 to a peripherally connected "CIL-computer/PC"



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		2001-05-15	Α	

Database reference: IWD-CIL4HOTEL.fm

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	42	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	
25-87		space, "SP"	
88-91	WAKE-UP TIME	hour minute (hhmm)	
92		space, "SP"	

#### I Comment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: WAKE-UP CANCELLED = 42

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

WAKE-UP TIME (Characters 88 - 91)

Relevant wake-up time in hour and minute (24 hour clock). Two digits for hour followed by two digits for minute.

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## **Interwork Description**

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Database reference: IWD-CIL4HOTEL.fm

#### Hotel data "BAR GUESTPHONE" 2129

The format for transmission of hotel data "BAR GUESTPHONE" from ASB150 to a peripherally connected "CIL-computer/PC"

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	43	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	

#### Comment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: BAR GUESTPHONE = 43

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

#### 2.1.2.10 Hotel data "UNBAR GUESTPHONE"

The format for transmission of hotel data "UNBAR GUESTPHONE" from ASB150 to a peripherally connected "CIL-computer/PC"



## **Interwork Description**

Uppgjord/Prepared	Faktaansvarig/Subject responsible	Dokumentnr/Document number				
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Dokansv/Godkänd - Doc respons/Approved	Kontr/Checked	Datum/Date	Rev	Tillhör/Referens-File/Reference		
		2001-05-15	Α			

Database reference: IWD-CIL4HOTEL.fm

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	44	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	

#### Comment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: UNBAR GUESTPHONE = 44

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

(Characters 20 - 23) ROOM NUMBER

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

#### Hotel data "ROOM STATUS" 2.1.2.11

The format for transmission of hotel data "ROOM STATUS" from ASB150 to a peripherally connected "CIL-computer/PC"





# Uppgjord/Prepared Faktaansvarig/Subject responsible Dokumentnr/Document number 4/155 19-11/ ASB 150 02 Dokansv/Godkänd - Doc respons/Approved Kontr/Checked Datum/Date Rev 2001-05-15 A Tillhör/Referens-File/Reference

Database reference: IWD-CIL4HOTEL.fm

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	50	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24-82		space, "SP"	
83-86	ROOM STATUS	0-9999	*) <
87		space, "SP"	

#### Comment: \*) Field filled in with spaces

## <u>DESCRIPT</u>IONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: ROOM STATUS = 50

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

ROOM STATUS (Characters 83 - 86)

4-digit field that states current room status. Left adjusted with (possibly) subsequent spaces.

0 = Room cleaned.

1 = Room not cleaned.

2 = Room cleaned and checked.





# Dok. namn/ Document name Interwork Description

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3 = Room not available.
>3 = Spare

#### 2.1.2.12 Hotel data "PHONE STATUS"

The format for transmission of hotel data "PHONE STATUS" from ASB150 to a peripherally connected "CIL-computer/PC"

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	51	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24-96		space, "SP"	
97	PHONE STATUS	0-9	
98		space, "SP"	

#### Comment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: PHONE STATUS = 51

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

# Dok. namn/ Document name **Interwork Description**

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Uppgjord/Prepared	Faktaansvarig/Subject responsible	Faktaansvarig/Subject responsible   Dokumentnr/Document number				
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PHONE STATUS (Characters 97)
1-digit field that states current phone status.

0 = Telephone instrument not connected.

1 = Telephone instrument connected and idle.

2 = Telephone instrument connected and busy.

3 = Telephone instrument connected, idle with unansw. msg.

4 = Telephone instrument connected, busy with unansw. msg.

>4 = Spare

#### 2.1.2.13 Hotel data "GUEST DATA"

The format for transmission of hotel data "GUEST DATA" from ASB150 to a peripherally connected "CIL-computer/PC"

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	52	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	
25-59	GUEST NAME	35 characters	*) <
60		space, "SP"	
61-66	CHECK IN DATE	year month day (yymmdd)	
67		space, "SP"	
68-73	CHECK OUT DATE	year month day (yymmdd)	
74		space, "SP"	
75-77	LANGUAGE	0-999	
78		space, "SP"	
79	CREDIT INFORMATION	0-99	
80-82		space, "SP"	
83-86	ROOM STATUS	0-9999	*) <



# Dok. namn/ Document name Interwork Description

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Uppgjord/Prepared	Faktaansvarig/Subject responsible	Dokumentnr/Document number		
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		2001-05-15	Α	

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Characters	Contents	Value	Comment/ Adjust
87		space, "SP"	
88-91	WAKE-UP TIME	hour minute (hhmm)	
92		space, "SP"	
93	WAKE-UP STATUS	0-9	
94		space, "SP"	
95	BAR/UNBAR STATUS	0-9	
96		space, "SP"	
97-98	RTR/DID STATUS	00-33	
99		space, "SP"	

#### Comment: \*) Field filled in with spaces

## DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: GUEST DATA = 52

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces. No valid room number (only spaces) is equal with "guest data for all room numbers are sent, no more guests" and then there is no further data valid (char. 25 - 95)

GUEST NAME (Characters 25 - 59)

Field with room for 35 characters for relevant guest name. Left adjusted with (possibly) subsequent spaces.

CHECK IN DATE (Characters 61 - 66)

Year, month and date for check in. Two digits for year and two digits for month followed by two digits for day.

CHECK OUT DATE (Characters 68 - 73)

Year, month and date for check out.

Two digits for year and two digits for month followed by two digits for day.

LANGUAGE (Characters 75 - 77)



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				-

Database reference: IWD-CIL4HOTEL.fm

3-digit field, right adjusted with (possibly) introductory zeros, that states appropriate language for guest:

```
000 = Not used
001 = English
002 = Swedish
003 = Finnish
004 = Italian
005 = French
006 = German
007 = Japanese
008 = Chinese
009 = Norwegian
010 = Danish
011 = Spanish
012 = Dutch
013 = Portuguese
014 = Greek
015 = Arabic
016 = Icelandic
017 = Russian
018 = Hungarian
019 = Polish
```

022 = Estonia

020 = Slovakian 021 = Slovenian

023 = Czech Republic

>023 = Spare

SPACE (20h) = no language

#### CREDIT INFORMATION (Character 79)

1-digit that states guest's credit status:

```
00 = Non-VIP
```

01 = VIP (Very Important Person)

02 = Master Card/ Charge

03 = American Express (normal)

04 = American Express (gold)

05 = American Express (platinum)

06 = Diners Club

07 = VISA

08 = EURO

>08 = Spare

SPACE (20h) = no credit information

#### ROOM STATUS

(Characters 83 - 86)

4-digit field that states current room status. Left adjusted with (possibly) subsequent spaces.

0 = Room cleaned.

1 = Room not cleaned.

2 = Room cleaned and checked.

3 = Room not available.

>3 = Spare



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		•		•

Database reference: IWD-CIL4HOTEL.fm

Relevant wake-up time in hour and minute (24 hour clock) but only included if active wake-up (wake-up ordered but not answered). Two digits for hour followed by two digits for minute or if inactive wake-up, four spaces.

WAKE-UP STATUS (Character 93)

1-digit that states guest's wake-up status but only valid if the wake-up time is valid.

0 = Guest ordered wake-up call.

1 = Administration ordered wake-up call.

>2 = Spare

BAR/UNBAR STATUS (Character 95)

1-digit that states guest's telephone bar/unbar status:

0 = Guest's telephone is barred.

1 = Guest's telephone is unbarred.

>1 = Spare

RTR/DID STATUS (Characters 97 - 98)

2 digits that states the guest's RTR/DID barring status.

00 ... RTR and DID blocked

01 ... RTR blocked, DID allowed

10 ... RTR allowed, DID blocked

11 ... RTR and DID allowed

#### 2.1.2.14 Hotel data "RTR/DID BARRING STATUS"

The format for transmission of hotel data "RTR/DID BARRING STATUS" from ASB150 to a peripherally connected "CIL-computer/PC"

Char	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	45	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day(yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	
25-26	RTR/DID STATUS	00-33	



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		2001-05-15	Α	

Database reference: IWD-CIL4HOTEL.fm

Char	Contents	Value	Comment/ Adjust
27		space, "SP"	

Comment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: RTR/DID BARRING STATUS = 45

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

(Characters 8 - 13) CURRENT DATE

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

RTR/DID STATUS (Characters 25 - 26)

2 digits that states the guest's or exchange's RTR/DID barring status. individual (ROOM NUMBER matters):

00 ... RTR and DID blocked

01 ... RTR blocked, DID allowed

10 ... RTR allowed, DID blocked

11 ... RTR and DID allowed

general (ROOM NUMBER does not matter):

22 ... RTR and DID blocked

23 ... RTR blocked, DID allowed

32 ... RTR allowed, DID blocked

33 ... RTR and DID allowed

#### 2.2 Data from a peripherally connected computer/PC to ASB150

#### 2.2.1 HOTEL DATA from a peripherally connected computer/PC

Description of format "CIL4" for transmission of hotel data to ASB150 from a peripherally connected computer/PC.





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	Database reference:	IWD-CIL4HOTE	L.fm	

#### 2.2.1.1 Hotel data "CHECK IN"

The format for transmission of hotel data "CHECK IN" from a peripherally connected "CIL-computer/PC" to ASB150

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	61	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	
25-59	GUEST NAME	35 characters	*) <
60		space, "SP"	
61-66	CHECK IN DATE	year month day (yymmdd)	
67		space, "SP"	
68-73	CHECK OUT DATE	year month day (yymmdd)	
74		space, "SP"	
75-77	LANGUAGE	0-999	>
78		space, "SP"	
79	CREDIT INFORMATION	0-99	
80		space, "SP"	
81	GUEST STATUS	0-9	
82		space, "SP"	

#### Comment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: CHECK IN = 61

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.



# Dok. namn/ Document name Interwork Description

			•	
Uppgjord/Prepared	Faktaansvarig/Subject responsible	Dokumentnr/Document number		
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		2001-05-15	Α	

Database reference: IWD-CIL4HOTEL.fm

CURRENT DATE (Characters 8 - 13)

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

GUEST NAME (Characters 25 - 59)

Field with room for 35 characters for relevant guest name. Left adjusted with (possibly) subsequent spaces.

CHECK IN DATE (Characters 61 - 66)

Year, month and date for check in. Two digits for year and two digits for month followed by two digits for day.

CHECK OUT DATE (Characters 68 - 73)

Year, month and date for check out. Two digits for year and two digits for month followed by two digits for day.

LANGUAGE (Characters 75 - 77)

3-digit field, right adjusted with (possibly) introductory zeros, that states appropriate language for guest:

000 = Not used

001 = English

002 = Swedish

003 = Finnish

004 = Italian

005 = French

006 = German

007 = Japanese

008 = Chinese

009 = Norwegian

010 = Danish

011 = Spanish

012 = Dutch

013 = Portuguese

014 = Greek

015 = Arabic

016 = Icelandic

017 = Russian

018 = Hungarian

019 = Polish

020 = Slovakian

021 = Slovenian

022 = Estonia

023 = Czech Republic



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				•

Database reference: IWD-CIL4HOTEL.fm

>023 = Spare

CREDIT INFORMATION (Character 79)
1-digit that states quest's credit status:

00 = Non-VIP

01 = VIP (Very Important Person)

02 = Master Card/ Charge

03 = American Express (normal) 04 = American Express (gold)

05 = American Express (platinum)

06 = Diners Club

07 = VISA

08 = EURO

>08 = Spare

GUEST STATUS (Character 81)

1-digit that states status of guest's (if any) handicap:

0 = No handicap

1 = Handicapped.

>1 = Spare.

#### 2.2.1.2 Hotel data "CHECK OUT"

The format for transmission of hotel data "CHECK OUT" from a peripherally connected "CIL-computer/PC" to ASB150

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	60	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	
25-59	GUEST NAME	35 characters	*) <
60		space, "SP"	
61-66	CHECK IN DATE	year month day (yymmdd)	
67		space, "SP"	



#### **Interwork Description**

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		2001-05-15	Α	

Database reference: IWD-CIL4HOTEL.fm

Characters	Contents	Value	Comment/ Adjust
68-73	CHECK OUT DATE	year month day (yymmdd)	
74		space, "SP"	
75-77	LANGUAGE	0-999	>
78		space, "SP"	
79	CREDIT INFORMATION	0-99	
80		space, "SP"	
81	GUEST STATUS	0-9	
82		space, "SP"	

## IComment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: CHECK OUT = 60

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

GUEST NAME (Characters 25 - 59)

Field with room for 35 characters for relevant guest name. Left adjusted with (possibly) subsequent spaces.

CHECK IN DATE (Characters 61 - 66)

Year, month and date for check in. Two digits for year and two digits for month followed by two digits for day.

CHECK OUT DATE (Characters 68 - 73)

Year, month and date for check out. Two digits for year and two digits for month followed by two digits for day.

LANGUAGE (Characters 75 - 77)

3-digit field, right adjusted with (possibly) introductory zeros, that states appropriate language for guest:



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Dokansv/Godkänd - Doc respons/Approved	Kontr/Checked	Datum/Date	Rev	Tillhör/Referens-File/Reference
		2001-05-15	Α	
		NAC OF ALIOTE C.		

Database reference: IWD-CIL4HOTEL.fm

```
001 = English
002 = Swedish
003 = Finnish
004 = Italian
005 = French
006 = German
007 = Japanese
008 = Chinese
009 = Norwegian
010 = Danish
011 = Spanish
012 = Dutch
013 = Portuguese
014 = Greek
015 = Arabic
016 = Icelandic
017 = Russian
018 = Hungarian
019 = Polish
020 = Slovakian
021 = Slovenian
022 = Estonia
023 = Czech Republic
>023 = Spare
```

CREDIT INFORMATION (Character 79)
1-digit that states guest's credit status:

```
00 = Non-VIP
```

01 = VIP (Very Important Person)

02 = Master Card/ Charge

03 = American Express (normal)

04 = American Express (gold)

05 = American Express (platinum)

06 = Diners Club

07 = VISA

08 = EURO

>08 = Spare

GUEST STATUS (Character 81)

1-digit that states status of guest's (if any) handicap:

0 = No handicap

1 = Handicapped.

>1 = Spare.

## 2.2.1.3 Hotel data "UPDATE GUEST DATA"

The format for transmission of hotel data "UPDATE GUEST DATA" from a peripherally connected "CIL-computer/PC" to ASB150



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## **Interwork Description**

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Database reference: IWD-CIL4HOTEL.fm

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	62	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	
25-59	GUEST NAME	35 characters	*) <
60		space, "SP"	
61-66	CHECK IN DATE	year month day (yymmdd)	
67		space, "SP"	
68-73	CHECK OUT DATE	year month day (yymmdd)	
74		space, "SP"	
75-77	LANGUAGE	0-999	>
78		space, "SP"	
79	CREDIT INFORMATION	0-99	
80		space, "SP"	
81	GUEST STATUS	0-9	
82		space, "SP"	

#### Comment: \*) Field filled in with spaces

## DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: UPDATE GUEST DATA = 62

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)



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Dokansv/Godkänd - Doc respons/Approved	Kontr/Checked	Datum/Date	Rev	Tillhör/Referens-File/Reference
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Database reference: IWD-CIL4HOTEL.fm

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

GUEST NAME (Characters 25 - 59)

Field with room for 35 characters for relevant guest name. Left adjusted with (possibly) subsequent spaces.

CHECK IN DATE (Characters 61 - 66)

Year, month and date for check in. Two digits for year and two digits for month followed by two digits for day.

CHECK OUT DATE (Characters 68 - 73)

Year, month and date for check out. Two digits for year and two digits for month followed by two digits for day.

LANGUAGE (Characters 75 - 77)

3-digit field, right adjusted with (possibly) introductory zeros, that states appropriate language for guest:

000 = Not used

001 = English

002 = Swedish

003 = Finnish

004 = Italian

005 = French

006 = German

007 = Japanese

008 = Chinese

009 = Norwegian

010 = Danish

011 = Spanish

012 = Dutch

013 = Portuguese

014 = Greek

015 = Arabic

016 = Icelandic

017 = Russian

018 = Hungarian

019 = Polish

020 = Slovakian

021 = Slovenian

022 = Estonia

023 = Czech Republic

>023 = Spare

CREDIT INFORMATION (Character 79)

1-digit that states guest's credit status:

00 = Non-VIP

01 = VIP (Very Important Person)

02 = Master Card/ Charge



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		•		•

Database reference: IWD-CIL4HOTEL.fm

03 = American Express (normal) 04 = American Express (gold) 05 = American Express (platinum) 06 = Diners Club 07 = VISA 08 = EURO >08 = Spare

GUEST STATUS (Character 81)
1-digit that states status of guest's (if any) handicap:

0 = No handicap
1 = Handicapped.

>1 = Spare.

#### 2.2.1.4 Hotel data "ORDER MESSAGE WAITING"

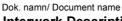
The format for transmission of hotel data "ORDER MESSAGE WAITING" from a peripherally connected "CIL-computer/PC" to ASB150

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	63	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	

Comment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)
2-characters identification code for relevant message: ORDER MESSAGE WAITING = 63
SEQUENCE NUMBER (Characters 4 - 6)





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Database reference: IWD-CIL4HOTEL.fm

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

#### 2.2.1.5 Hotel data "CLEAR MESSAGE WAITING"

The format for transmission of hotel data "CLEAR MESSAGE WAITING" from a peripherally connected "CIL-computer/PC" to ASB150

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	64	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	

#### Comment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS

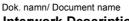
(Characters 1 - 2) MESSAGE CODE

2-characters identification code for relevant message: CLEAR MESSAGE WAITING = 64

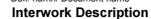
SEQUENCE NUMBER (Characters 4 - 6)

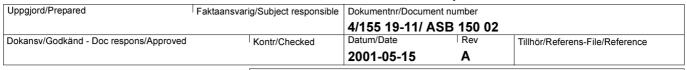
3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

(Characters 8 - 13) CURRENT DATE



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Database reference: **IWD-CIL4HOTEL.fm** 

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

(Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

#### 2216 Hotel data "WAKF-UP ORDERED"

ERICSSON **S** 

The format for transmission of hotel data "WAKE-UP ORDERED" from a peripherally connected "CIL-computer/PC" to ASB150

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	65	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999 *)	
24-87		space, "SP"	
88-91	WAKE-UP TIME	hour minute (hhmm)	
92		space, "SP"	

#### Comment: \*) Field filled in with spaces

## DESCRIPTIONS OF FIELDS

(Characters 1 - 2) MESSAGE CODE

2-characters identification code for relevant message: WAKE-UP ORDERED = 65

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

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CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

WAKE-UP TIME (Characters 88 - 91)

Relevant wake-up time in hour and minute (24 hour clock). Two digits for hour followed by two digits for minute.

#### Hotel data "WAKE-UP ANSWERED" 2.2.1.7

\*\*\* not valid \*\*\*

#### 2.2.1.8 Hotel data "WAKE-UP CANCELLED"

The format for transmission of hotel data "WAKE-UP CANCELLED" from a peripherally connected "CIL-computer/PC" to ASB150

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	66	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24-87		space, "SP"	
88-91	WAKE-UP TIME	hour minute (hhmm)	
92		space, "SP"	

#### Comment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS







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Database reference: IWD-CIL4HOTEL.fm

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

WAKE-UP TIME (Characters 88 - 91)

Relevant wake-up time in hour and minute (24 hour clock). Two digits for hour followed by two digits for minute.

#### 2.2.1.9 Hotel data "BAR GUESTPHONE"

The format for transmission of hotel data "BAR GUESTPHONE" from a peripherally connected "CIL-computer/PC" to ASB150

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	67	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	

#### Comment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: BAR GUESTPHONE = 67

SEQUENCE NUMBER (Characters 4 - 6)

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e	Dokumentnr/Document number

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		2001-05-15	Α	
		•		•

Database reference: IWD-CIL4HOTEL.fm

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

#### 2.2.1.10 Hotel data "UNBAR GUESTPHONE"

The format for transmission of hotel data "UNBAR GUESTPHONE" from a peripherally connected "CIL-computer/PC" to ASB150

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	68	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	

#### Comment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: UNBAR GUESTPHONE = 68

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)



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		2001-05-15	Α	

Database reference: IWD-CIL4HOTEL.fm

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

#### 2 2 1 11 Hotel data "ROOM STATUS"

The format for transmission of hotel data "ROOM STATUS" from a peripherally connected "CIL-computer/PC" to ASB150

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	70	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24-82		space, "SP"	
83-86	ROOM STATUS	0-9999	*) <
87		space, "SP"	

#### Comment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: ROOM STATUS = 70

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.



# Dok. namn/ Document name Interwork Description

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		2001-05-15	Α	
		•		•

Database reference: IWD-CIL4HOTEL.fm

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

4-digit field that states current room status. Left adjusted with (possibly) subsequent spaces.

0 = Room cleaned.
1 = Room not cleaned.

(Characters 83 - 86)

2 = Room cleaned and checked.

3 = Room not available.

>3 = Spare

#### 2.2.1.12 Hotel data "PHONE STATUS"

ROOM STATUS

The format for transmission of hotel data "PHONE STATUS" from a peripherally connected "CIL-computer/PC" to ASB150

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	71	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	

#### Comment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: PHONE STATUS = 71

SEQUENCE NUMBER (Characters 4 - 6)



Uppgjord/Prepared	Faktaansvarig/Subject responsible	Dokumentnr/Document number		
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Dokansv/Godkänd - Doc respons/Approved	Kontr/Checked	Datum/Date	Rev	Tillhör/Referens-File/Reference
		2001-05-15	Α	
		•		•

Database reference: IWD-CIL4HOTEL.fm

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

(Characters 8 - 13) CURRENT DATE

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

#### Hotel data "GUEST DATA" 2.2.1.13

The format for transmission of hotel data "GUEST DATA" from a peripherally connected "CIL-computer/PC" to ASB150

Characters	Contents	Value	Comment/ Adjust
1-2	MESSAGE CODE	72	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day (yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute (hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	

#### Comment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS

(Characters 1 - 2) MESSAGE CODE

2-characters identification code for relevant message: GUEST DATA = 72

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

CURRENT DATE (Characters 8 - 13)







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		2001-05-15	Α		
		•		<u> </u>	

Database reference: IWD-CIL4HOTEL.fm

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

(Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces. No valid room number ("spaces") is equal with a request of data for all quests. First time for 1:st quest and next time for next quest and so on. (Hotel block is storing last used guest number.)

#### Hotel data "RTR/DID BARRING STATUS" 2.2.1.14

The format for transmission of hotel data "RTR/DID BARRING STATUS" from a peripherally connected "CIL-computer/PC" to ASB150

Char	Contents	Value	Comment/Adjust
1-2	MESSEAGE CODE	69	
3		space, "SP"	
4-6	SEQUENCE NUMBER	001-999	>
7		space, "SP"	
8-13	CURRENT DATE	year month day(yymmdd)	
14		space, "SP"	
15-18	CURRENT TIME	hour minute(hhmm)	
19		space, "SP"	
20-23	ROOM NUMBER	0-9999	*) <
24		space, "SP"	
25-26	RTR/DID STATUS	00-11	
27		space, "SP"	

Comment: \*) Field filled in with spaces

#### DESCRIPTIONS OF FIELDS

MESSAGE CODE (Characters 1 - 2)

2-characters identification code for relevant message: RTR/DID BARRING STATUS = 69

SEQUENCE NUMBER (Characters 4 - 6)

3-digit sequence number for message from 001 - 999. Right adjusted with (possibly) introductory zeros.

(Characters 8 - 13) CURRENT DATE





## **Interwork Description**

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		2001-05-15	Α		

Database reference: IWD-CIL4HOTEL.fm

Current year, month and date when the message was sent. Two digits for year and two digits for month followed by two digits for day.

CURRENT TIME (Characters 15 - 18)

Current hour and minute when the message was sent. Two digits for hour followed by two digits for minute.

ROOM NUMBER (Characters 20 - 23)

4-digit field that states relevant room number. Left adjusted with (possibly) subsequent spaces.

RTR/DID STATUS (Characters 25 - 26)

2 digits that states the guest's or exchange's RTR/DID barring status.

individual (ROOM NUMBER matters):

00 ... RTR and DID blocked

01 ... RTR blocked, DID allowed

10 ... RTR allowed, DID blocked

11 ... RTR and DID allowed

general (ROOM NUMBER does not matter):

22 ... RTR and DID blocked

23 ... RTR blocked, DID allowed

32 ... RTR allowed, DID blocked

33 ... RTR and DID allowed