



ARGUS[®] 42

» **Overview of menu
and test leads**

valid from firmware version R2.00.00

Legend, Hotkeys

Cross references:

Menu	Page
Access	4
Main menu	5
Single tests	5
Test reports	5
Settings	5
Device	5
Profiles	6-7
ISDN	8
POTS	8
Accu servicing	5
Help	5

IP and ATM tests	Page
IP ping HTTP download	9
VPI/VCI scan ATM OAM ping	10
VoIP	11
MDI analysis Ethernet loop	12

Other tests	Page
BERT Supp. Services Services	13
X.31	14
CF tests Phone / connect.	15
Auto. Test	16
Copper test	17

Other	Page
Legend	3
Hotkeys	3
Test leads	18-19

Legend	Menu
	Configuration menu
	Default Config. menu
	Input menu
	Default input menu

Hotkeys	ADSL / Ethernet		S / U / POTS interface			
	Key	ADSL	Ethernet	Key	S / U	POTS
	0	Argus status		0	Argus status	
	1	Help hotkeys		1	Help hotkeys	
	2	VPI/VCI scan	-	2	Service check	-
	3	IP ping		3	Supp. Serv. test	-
	4	-		4	Auto. test	
	5	HTTP download		5	Test to PC	
	6	-	-	6	Test manager	-
	7	-	-	7	Numbers	
	8	Trace/remote		8	Trace/remote	
	9	-	-	9	BERT start	-
	□	Line-Status		□	Level measuring	
	{	VoIP phone		{	Connection	
	*1	SW options		*1	SW options	
	*2	Reset		*2	Reset	

Note

The basic package of an ARGUS® 42 always includes the ADSL interface. All the rest of the interfaces and test features are optional (see options in datasheet). Subject to the opted function range therefore individual menu options can be faded out. The type of access and access mode can affect this, too.

Switch on and access menu

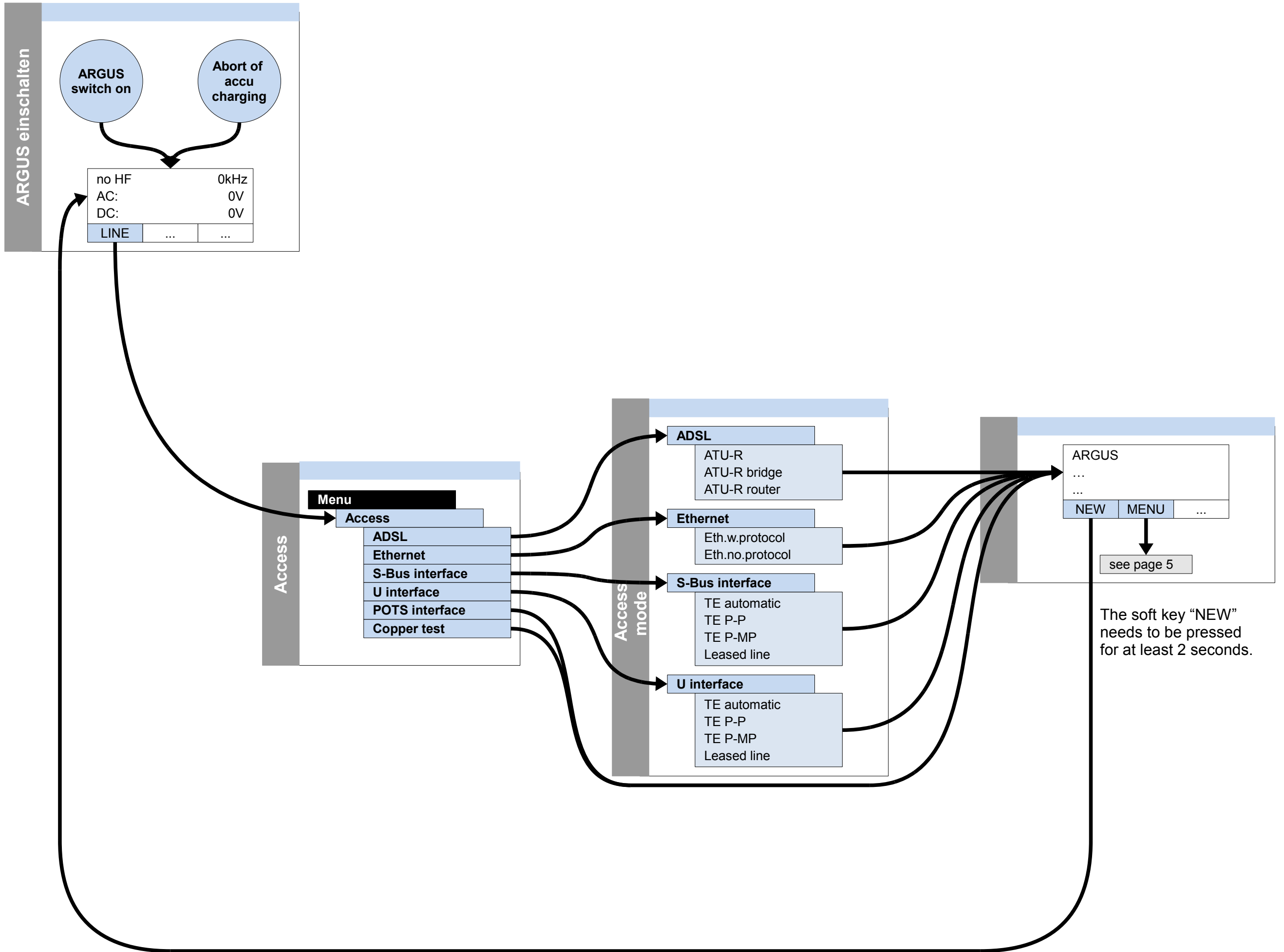
Cross references:

Menu	Page
Access	4
Main menu	5
Single tests	5
Test reports	5
Settings	5
Device	5
Profiles	6-7
ISDN	8
POTS	8
Accu servicing	5
Help	5

IP and ATM tests	Page
IP ping	9
HTTP download	9
VPI/VCI scan	10
ATM OAM ping	10
VoIP	11
MDI analysis	12
Ethernet loop	12

Other tests	Page
BERT	13
Supp. Services	13
Services	13
X.31	14
CF tests	15
Phone / connect.	15
Auto. Test	16
Copper test	17

Other	Page
Legend	3
Hotkeys	3
Test leads	18-19



The soft key "NEW" needs to be pressed for at least 2 seconds.

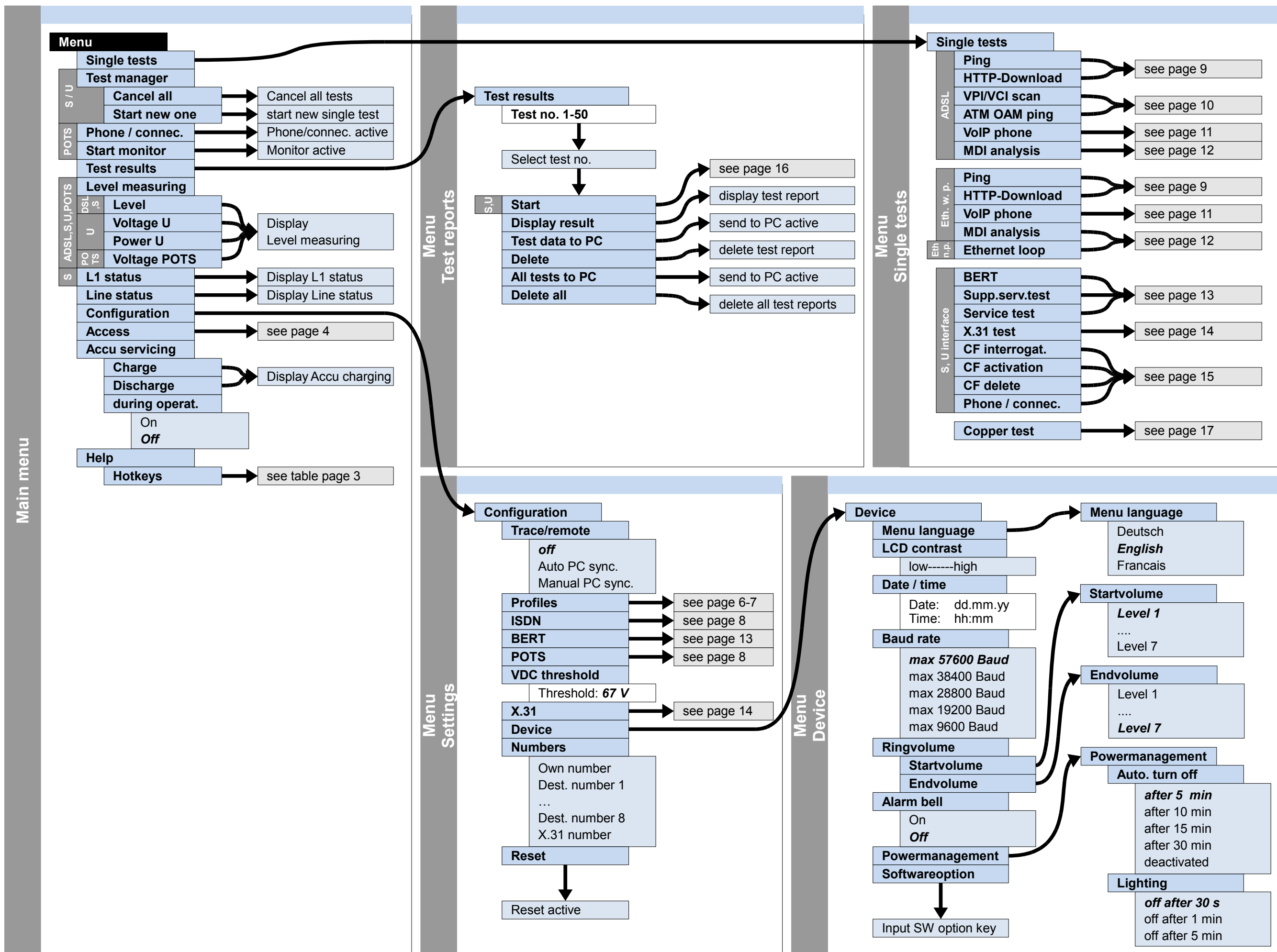
Cross references:

Menu	Page
Access	4
Main menu	5
Single tests	5
Test reports	5
Settings	5
Device	5
Profiles	6-7
ISDN	8
POTS	8
Accu servicing	5
Help	5

IP and ATM tests	Page
IP ping	9
HTTP download	9
VPI/VCI scan	10
ATM OAM ping	10
VoIP	11
MDI analysis	12
Ethernet loop	12

Other tests	Page
BERT	13
Supp. Services	13
Services	13
X.31	14
CF tests	15
Phone / connect.	15
Auto. Test	16
Copper test	17

Other	Page
Legend	3
Hotkeys	3
Test leads	18-19



Configuration

Profiles – Access parameters (Phys. access: ADSL, Ethernet), Test parameter, Data log

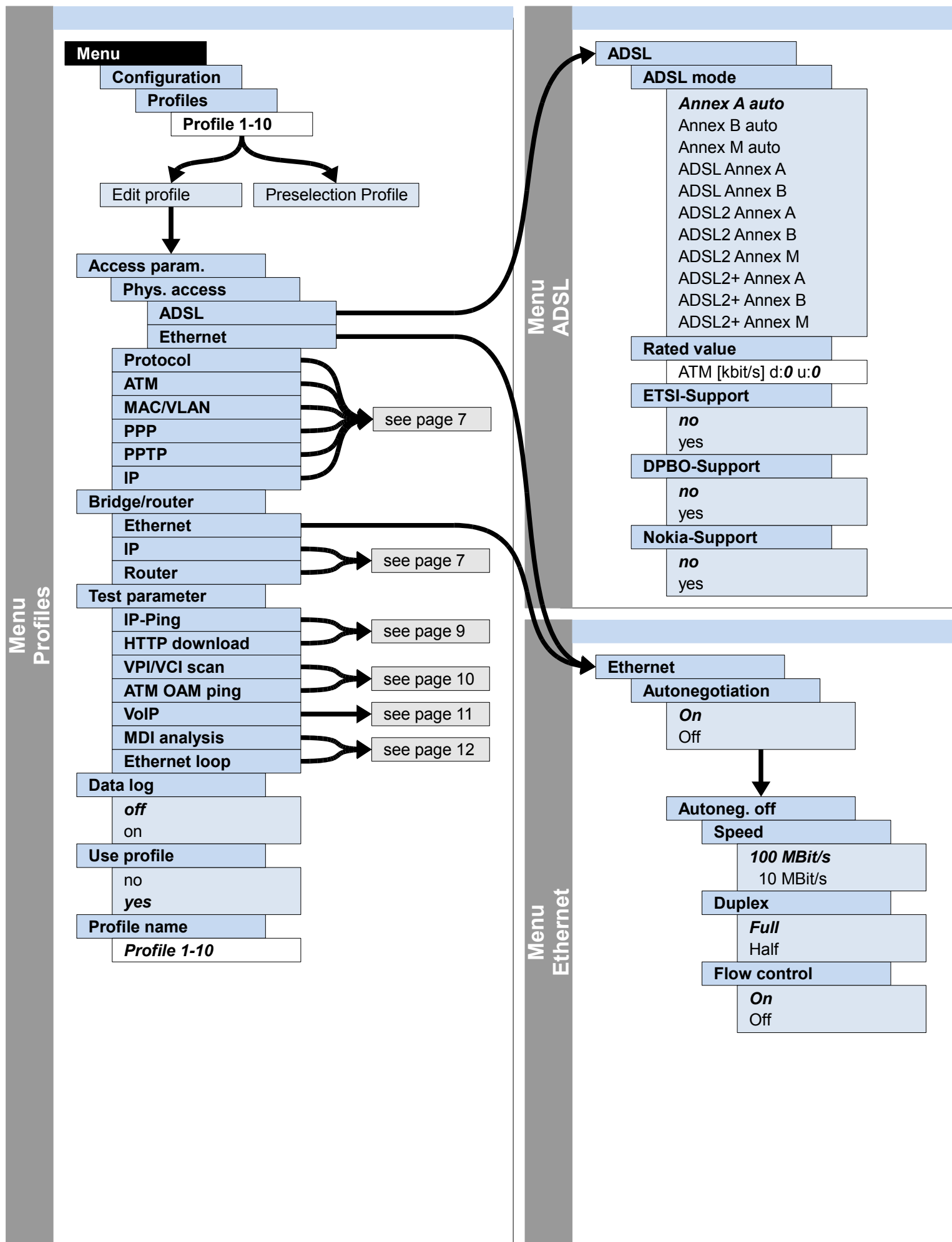
Cross references:

Menu	Page
Access	4
Main menu	5
Single tests	5
Test reports	5
Settings	5
Device	5
Profiles	6-7
ISDN	8
POTS	8
Accu servicing	5
Help	5

IP and ATM tests	Page
IP ping	9
HTTP download	
VPI/VCI scan	10
ATM OAM ping	
VoIP	11
MDI analysis	12
Ethernet loop	

Other tests	Page
BERT	13
Supp. Services	
Services	
X.31	14
CF tests	15
Phone / connect.	
Auto. Test	16
Copper test	17

Other	Page
Legend	3
Hotkeys	3
Test leads	18-19



Configuration

Profiles – Access parameters (Protocol, ATM, MAC/VLAN, PPP, PPTP, IP), Bridge/router (IP, Router)

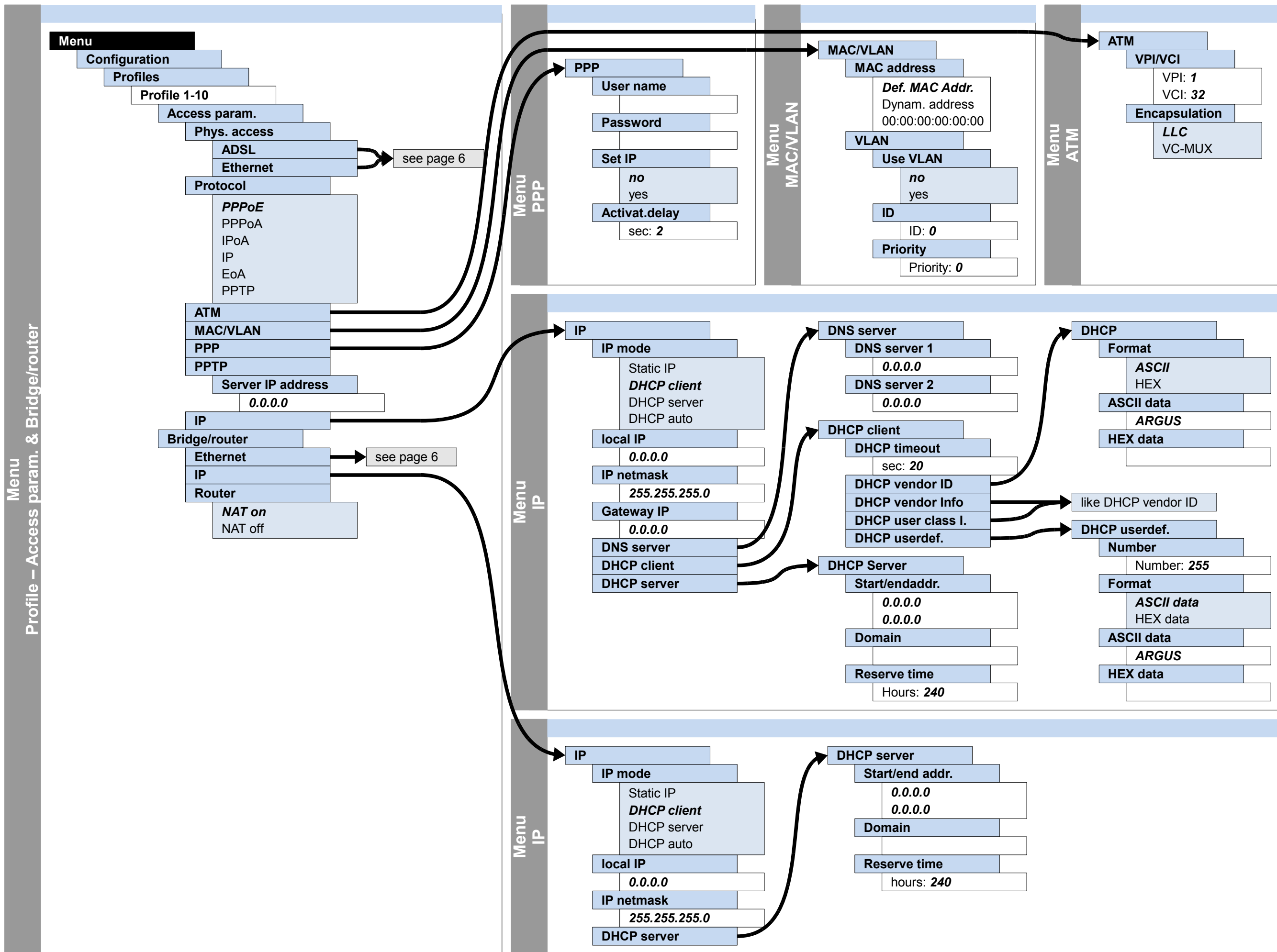
Cross references:

Menu	Page
Access	4
Main menu	5
Single tests	5
Test reports	5
Settings	5
Device	5
Profiles	6-7
ISDN	8
POTS	8
Accu servicing	5
Help	5

IP and ATM tests	Page
IP ping	9
HTTP download	
VPI/VCI scan	10
ATM OAM ping	
VoIP	11
MDI analysis	12
Ethernet loop	

Other tests	Page
BERT	13
Supp. Services	
Services	
X.31	14
CF tests	15
Phone / connect.	
Auto. Test	16
Copper test	17

Other	Page
Legend	3
Hotkeys	3
Test leads	18-19



Settings ISDN, POTS

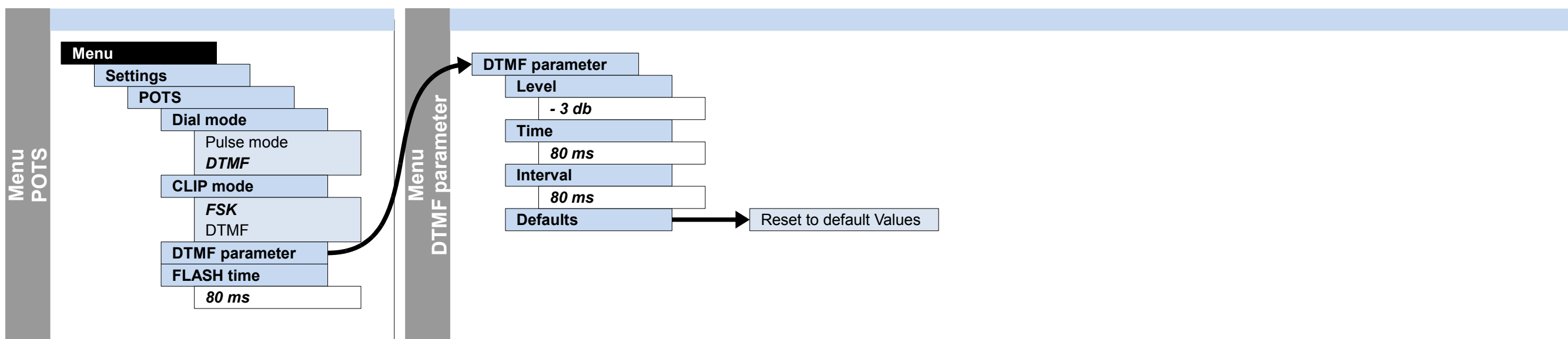
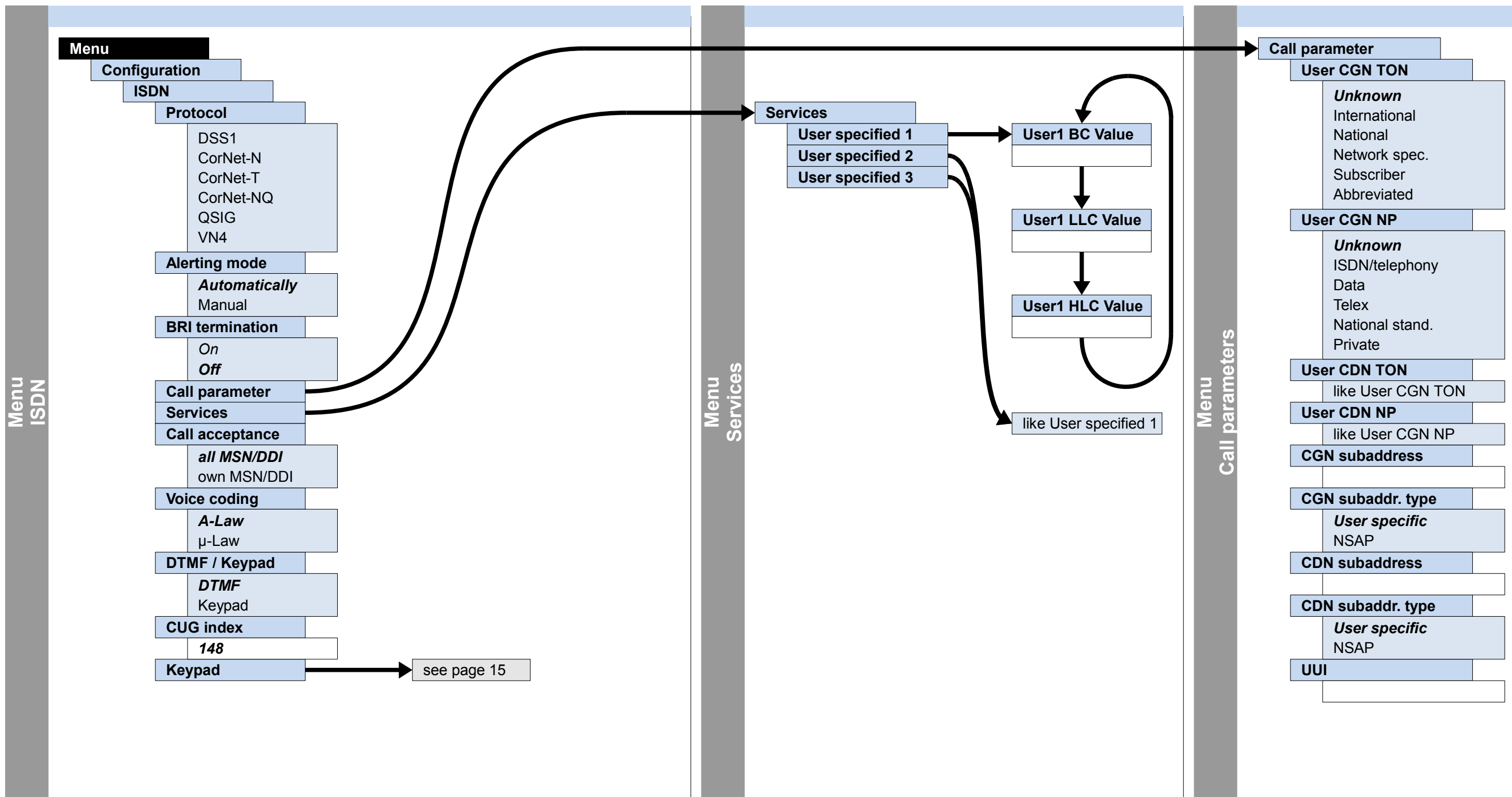
Cross references:

Menu	Page
Access	4
Main menu	5
Single tests	5
Test reports	5
Settings	5
Device	5
Profiles	6-7
ISDN	8
POTS	8
Accu servicing	5
Help	5

IP and ATM tests	Page
IP ping	9
HTTP download	
VPI/VCI scan	10
ATM OAM ping	
VoIP	11
MDI analysis	12
Ethernet loop	

Other tests	Page
BERT	13
Supp. Services	
Services	
X.31	14
CF tests	15
Phone / connect.	
Auto. Test	16
Copper test	17

Other	Page
Legend	3
Hotkeys	3
Test leads	18-19



Configuration and operation IP ping, HTTP download

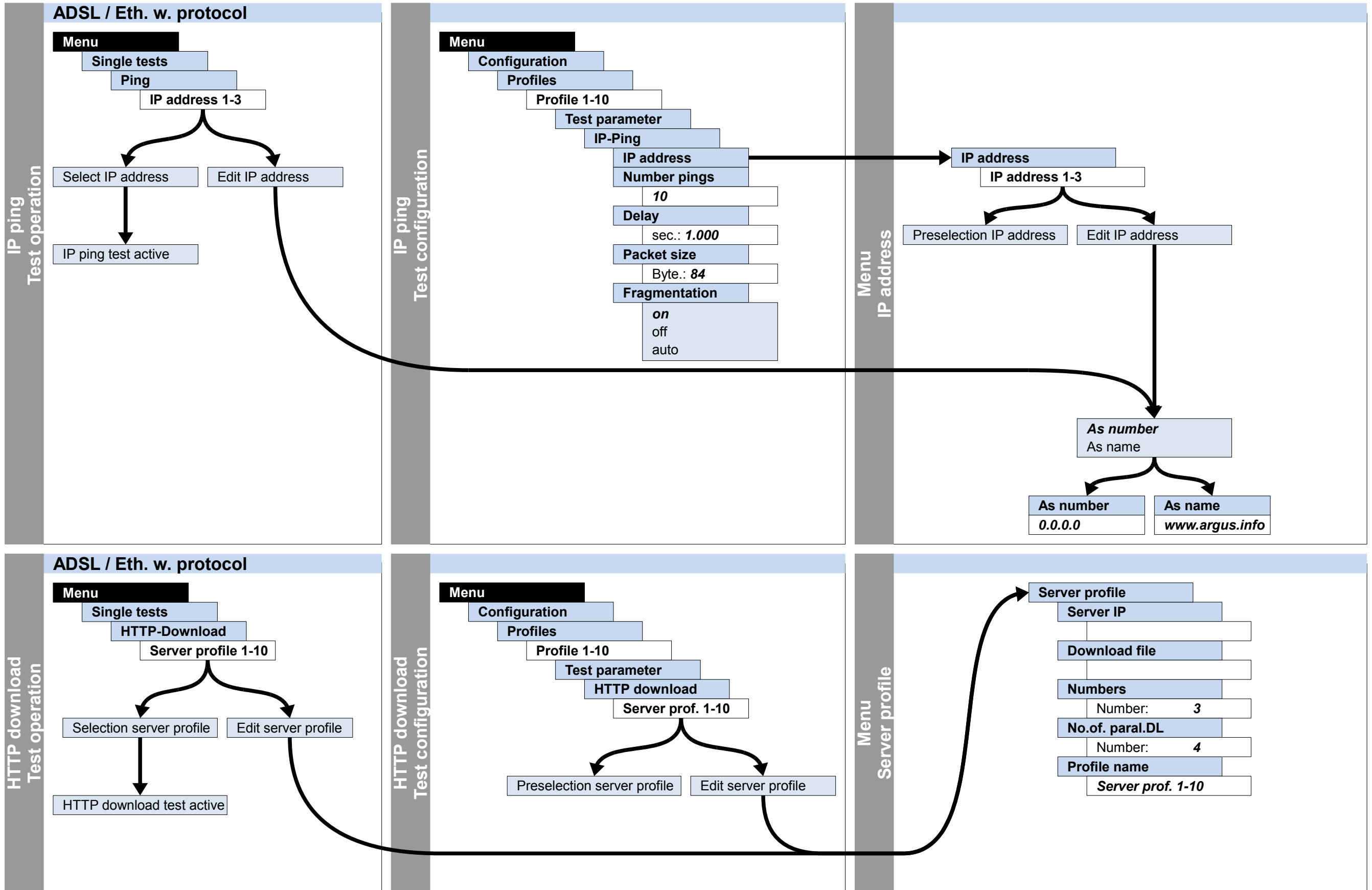
Cross references:

Menu	Page
Access	4
Main menu	5
Single tests	5
Test reports	5
Settings	5
Device	5
Profiles	6-7
ISDN	8
POTS	8
Accu servicing	5
Help	5

IP and ATM tests	Page
IP ping	9
HTTP download	9
VPI/VCI scan	10
ATM OAM ping	10
VoIP	11
MDI analysis	12
Ethernet loop	12

Other tests	Page
BERT	13
Supp. Services	13
Services	13
X.31	14
CF tests	15
Phone / connect.	15
Auto. Test	16
Copper test	17

Other	Page
Legend	3
Hotkeys	3
Test leads	18-19



Configuration and operation VPI/VCI Scan, ATM OAM ping

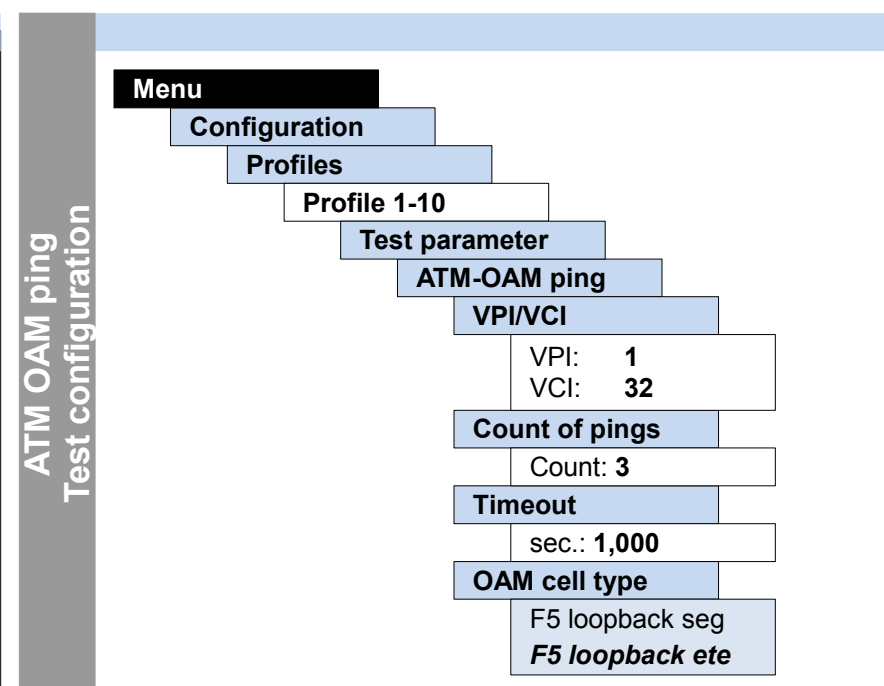
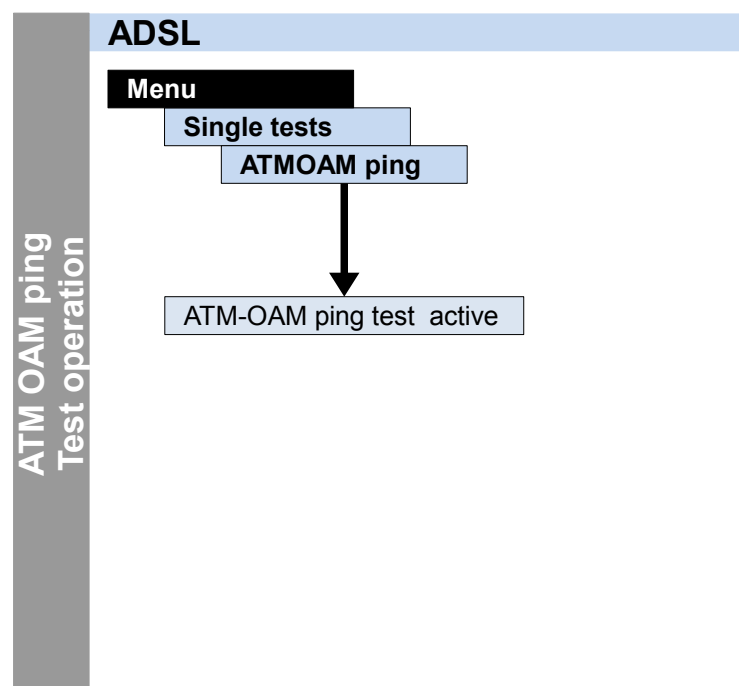
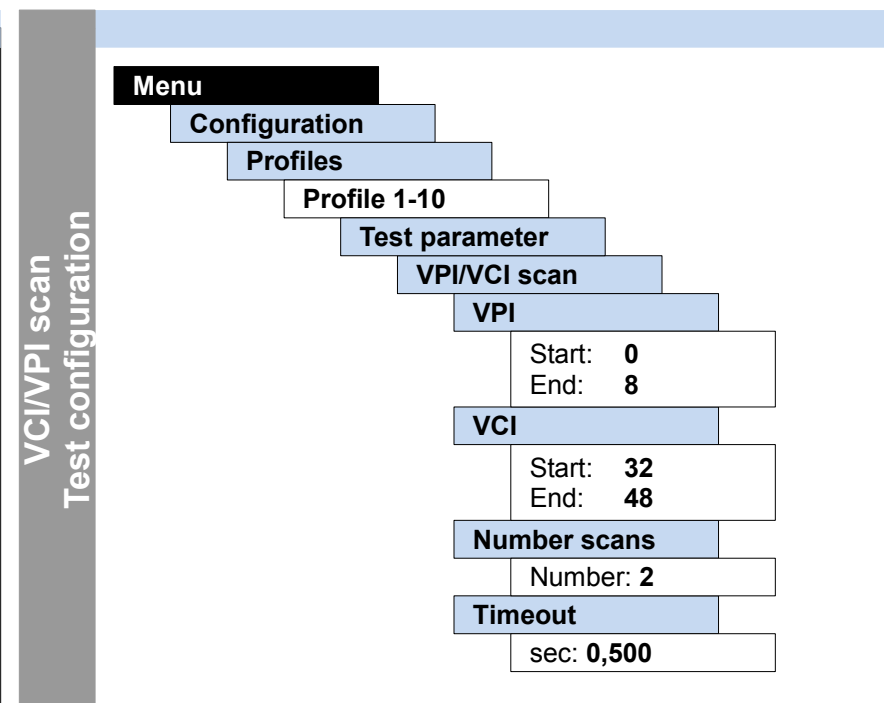
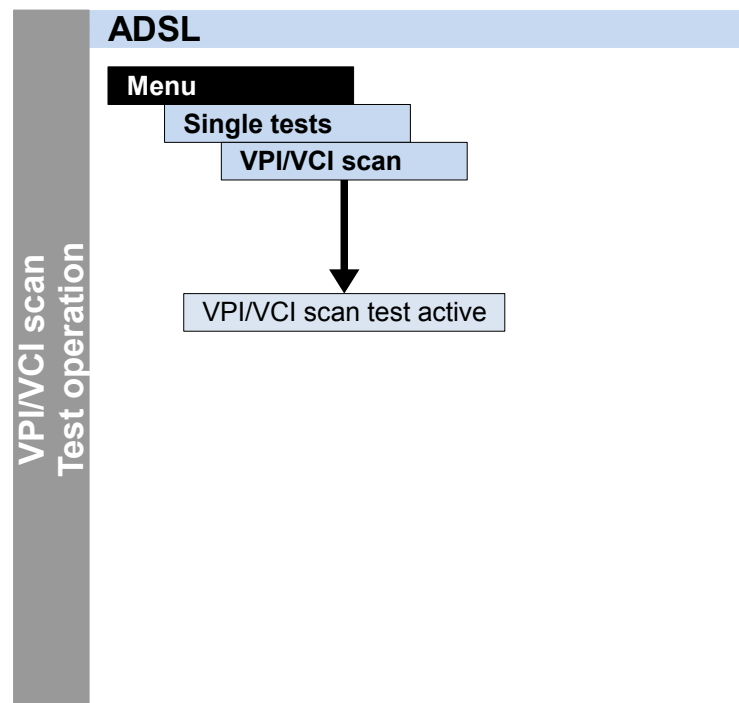
Cross references:

Menu	Page
Access	4
Main menu	5
Single tests	5
Test reports	5
Settings	5
Device	5
Profiles	6-7
ISDN	8
POTS	8
Accu servicing	5
Help	5

IP and ATM tests	Page
IP ping	9
HTTP download	
VPI/VCI scan	10
ATM OAM ping	
VoIP	11
MDI analysis	12
Ethernet loop	

Other tests	Page
BERT	13
Supp. Services	
Services	
X.31	14
CF tests	15
Phone / connect.	
Auto. Test	16
Copper test	17

Other	Page
Legend	3
Hotkeys	3
Test leads	18-19



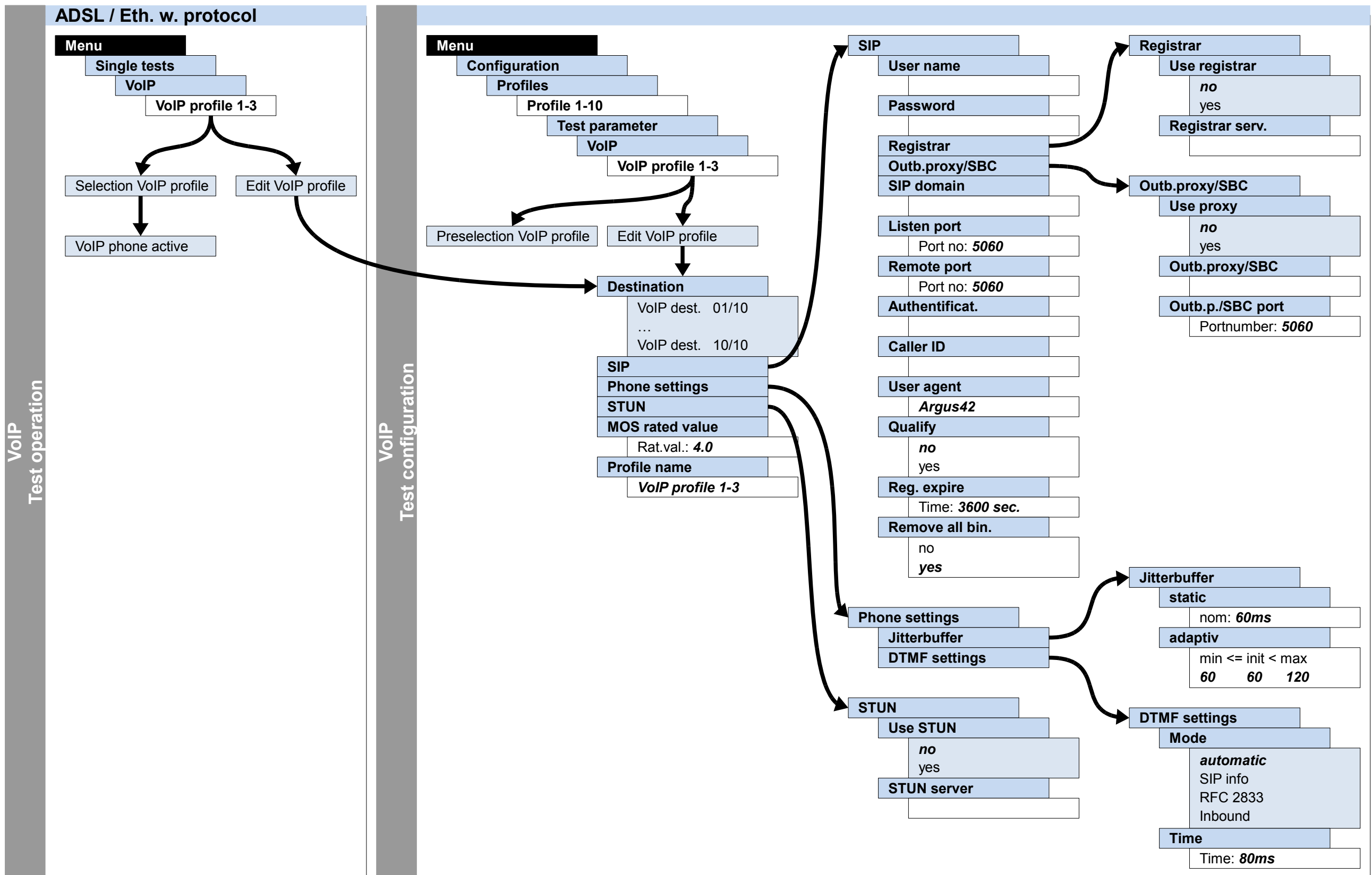
Cross references:

Menu	Page
Access	4
Main menu	5
Single tests	5
Test reports	5
Settings	5
Device	5
Profiles	6-7
ISDN	8
POTS	8
Accu servicing	5
Help	5

IP and ATM tests	Page
IP ping	9
HTTP download	
VPI/VCI scan	10
ATM OAM ping	
VoIP	11
MDI analysis	12
Ethernet loop	

Other tests	Page
BERT	13
Supp. Services	
Services	
X.31	14
CF tests	15
Phone / connect.	
Auto. Test	16
Copper test	17

Other	Page
Legend	3
Hotkeys	3
Test leads	18-19



Configuration and operation

MDI analysis, Ethernet loop

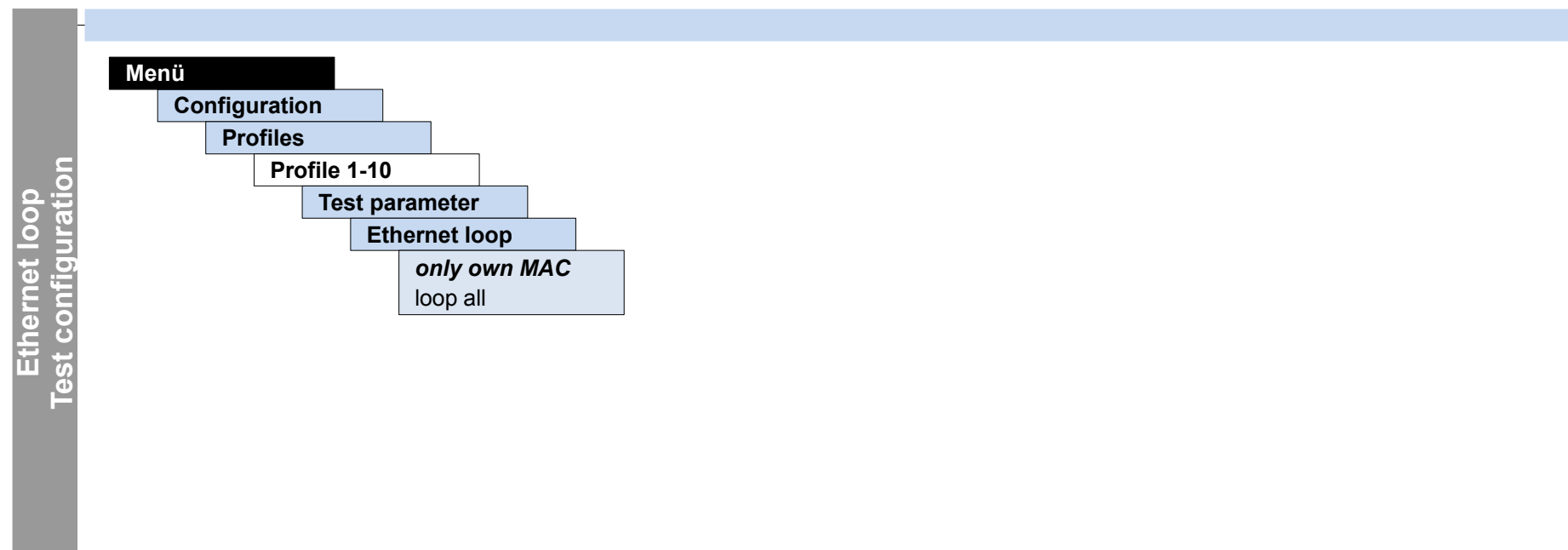
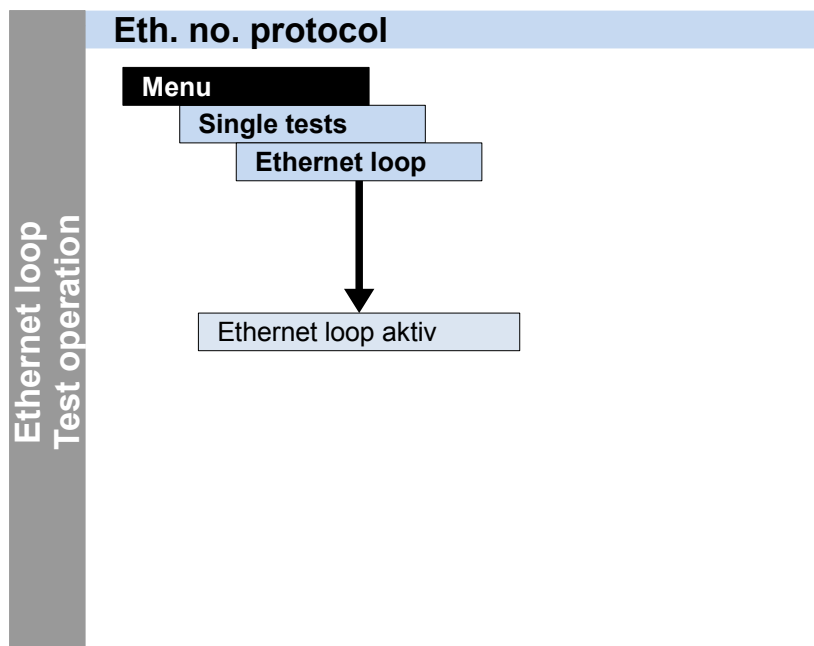
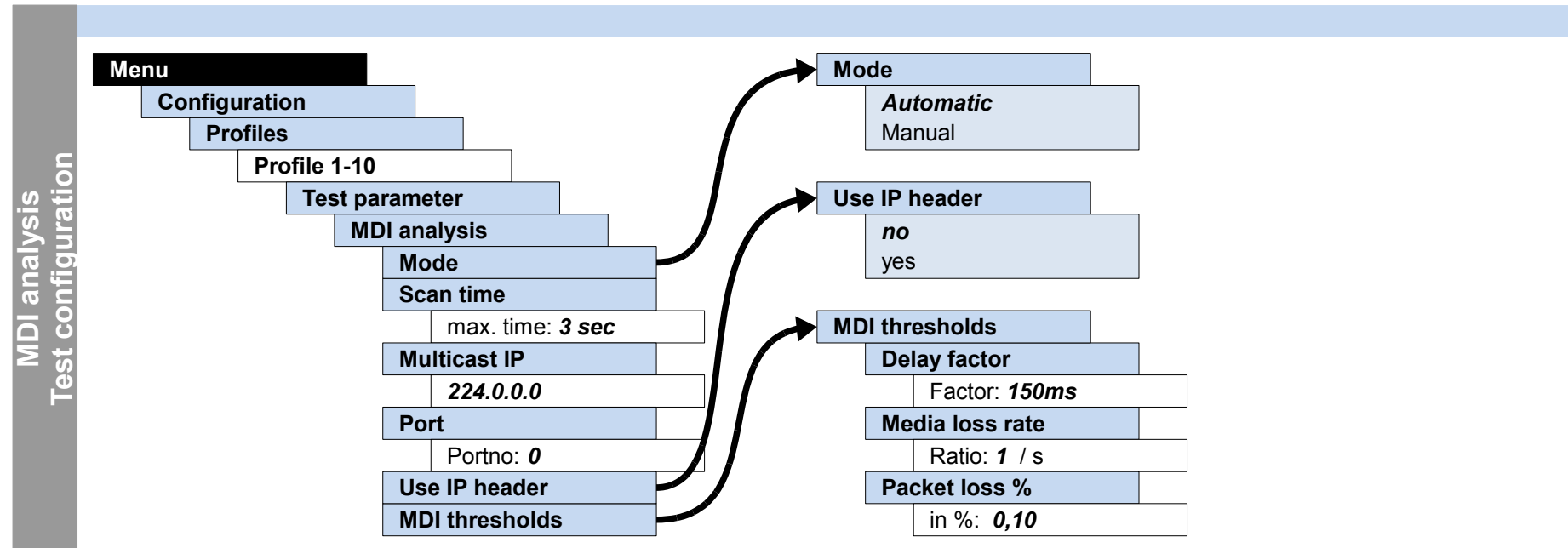
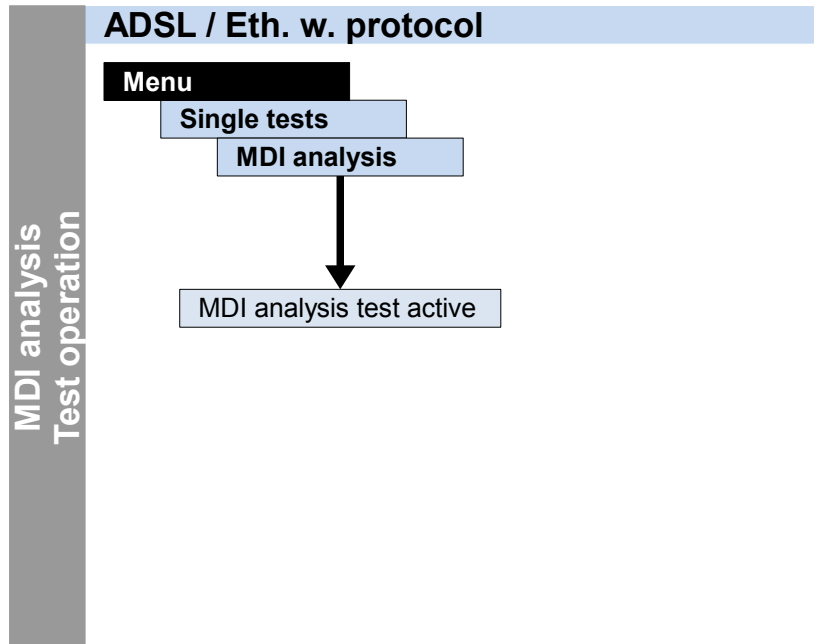
Cross references:

Menu	Page
Access	4
Main menu	5
Single tests	5
Test reports	5
Settings	5
Device	5
Profiles	6-7
ISDN	8
POTS	8
Accu servicing	5
Help	5

IP and ATM tests	Page
IP ping	9
HTTP download	
VPI/VCI scan	10
ATM OAM ping	
VoIP	11
MDI analysis	12
Ethernet loop	

Other tests	Page
BERT	
Supp. Services	13
Services	
X.31	14
CF tests	
Phone / connect.	15
Auto. Test	16
Copper test	17

Other	Page
Legend	3
Hotkeys	3
Test leads	18-19



Configuration and operation

BERT (start, wait, loop), supplementary services, services test

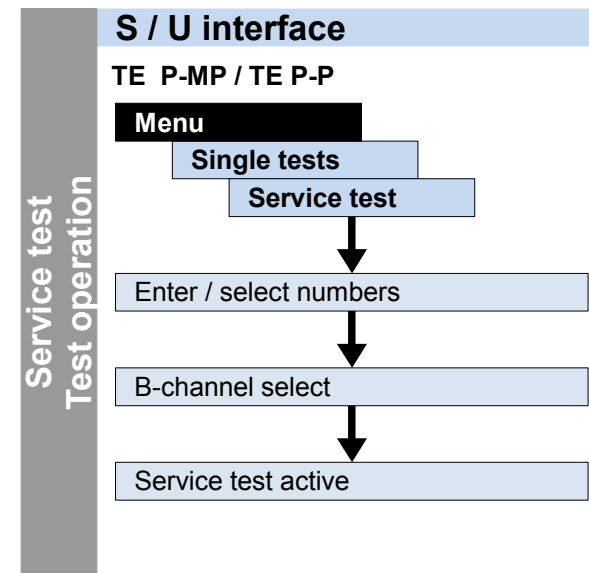
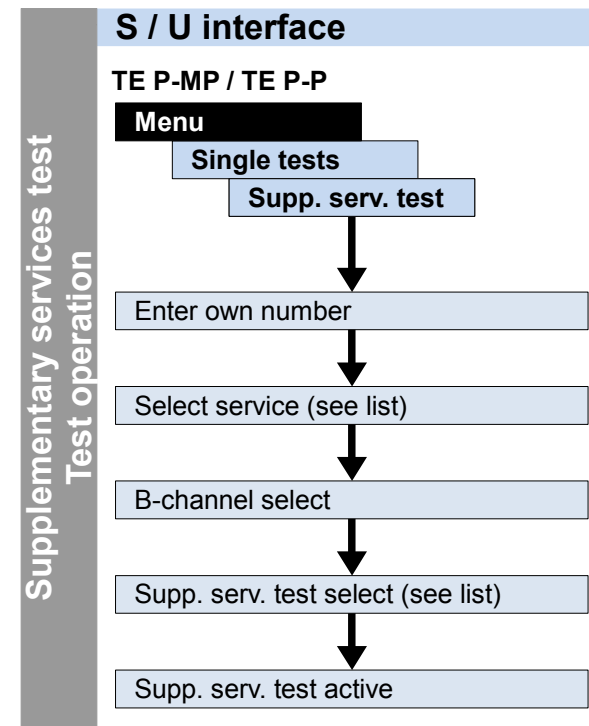
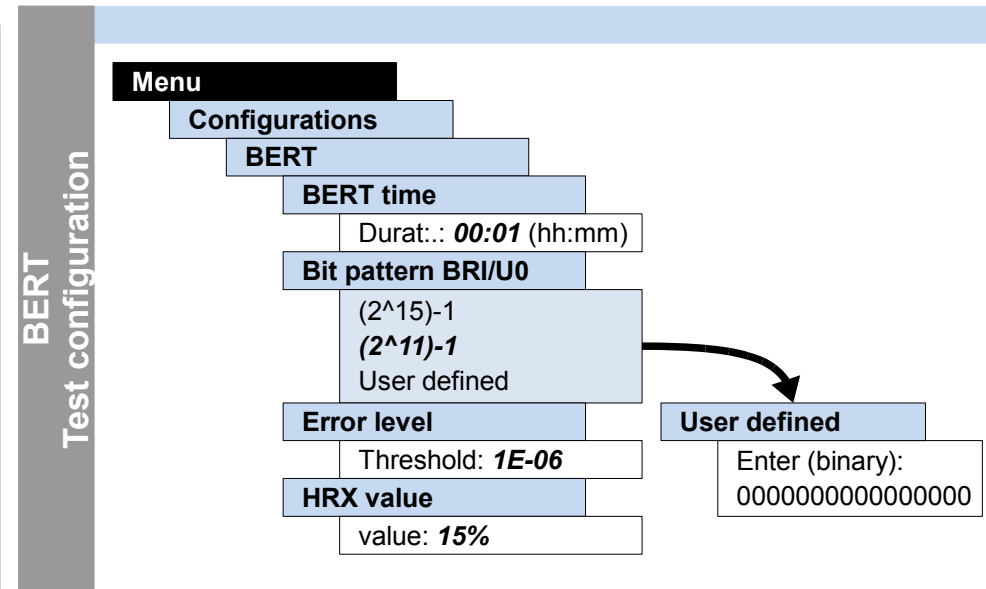
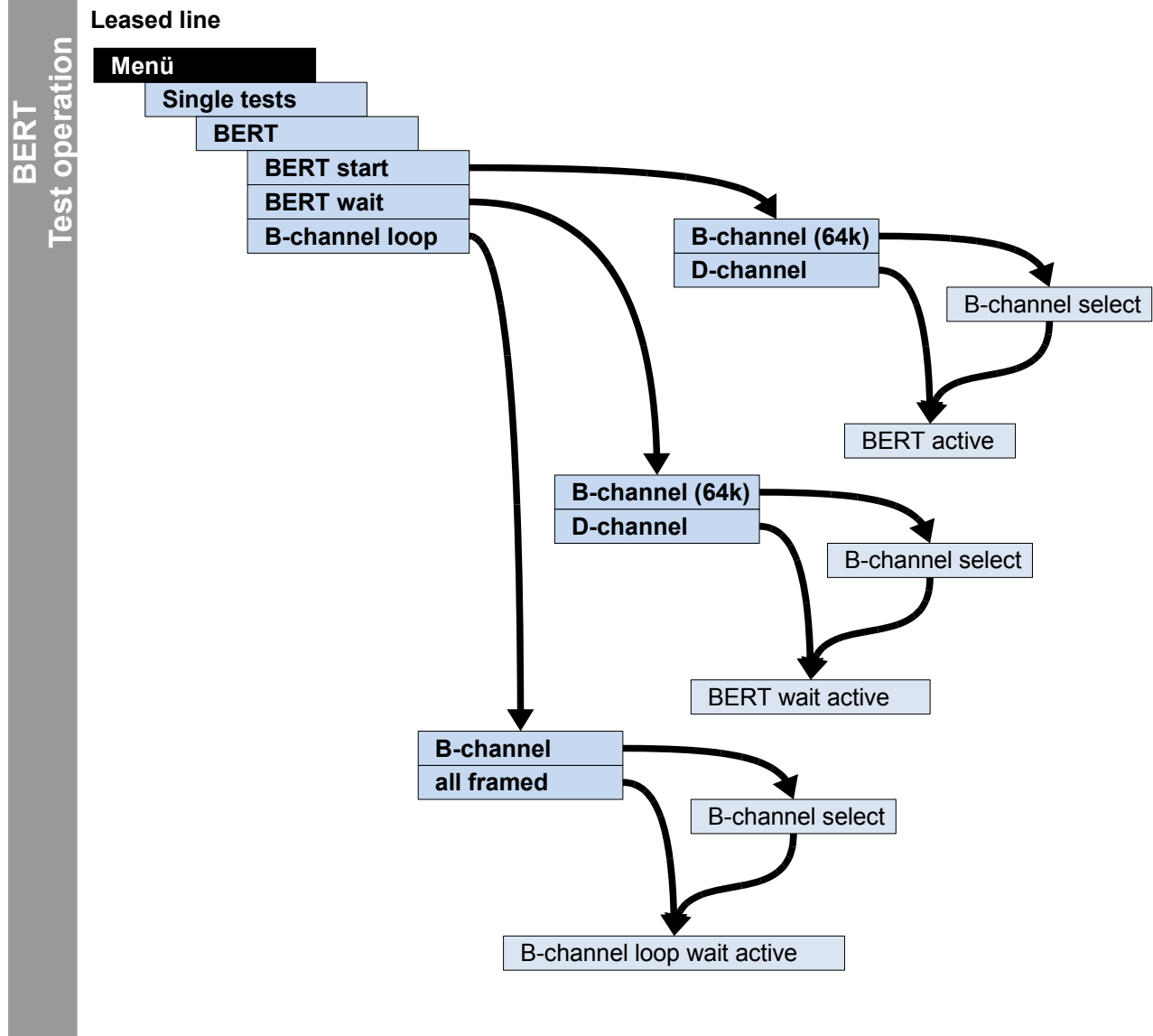
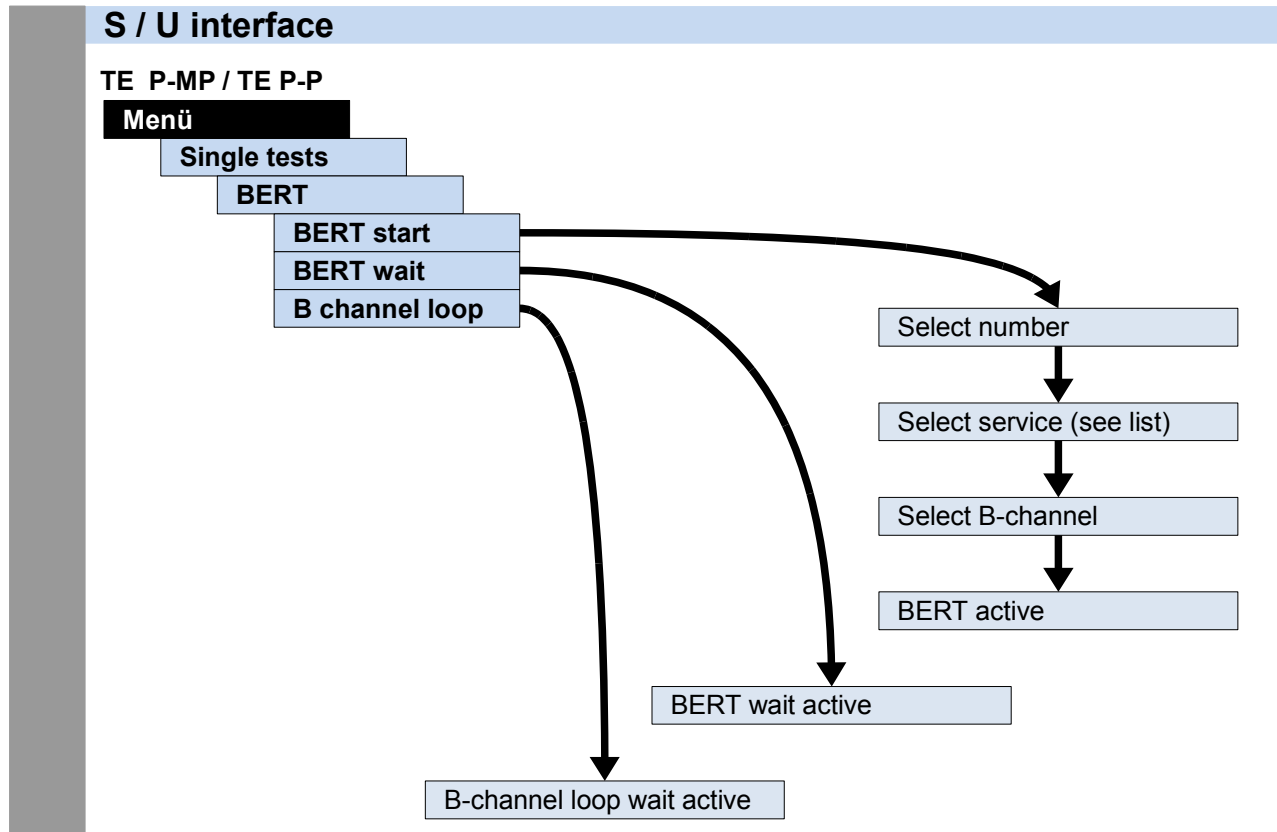
Cross references:

Menu	Page
Access	4
Main menu	5
Single tests	5
Test reports	5
Settings	5
Device	5
Profiles	6-7
ISDN	8
POTS	8
Accu servicing	5
Help	5

IP and ATM tests	Page
IP ping	9
HTTP download	9
VPI/VCI scan	10
ATM OAM ping	10
VoIP	11
MDI analysis	12
Ethernet loop	12

Other tests	Page
BERT	13
Supp. Services	13
Services	13
X.31	14
CF tests	15
Phone / connect.	15
Auto. Test	16
Copper test	17

Other	Page
Legend	3
Hotkeys	3
Test leads	18-19



- Services**
- Speech
 - UDI 64 kBit
 - 3.1 kHz audio
 - 7 kHz audio
 - UDI-TA
 - Telephony ISDN
 - Fax G3
 - Fax G4
 - Mixed Mode
 - Teletex
 - Videotex
 - Telex
 - OSI
 - Telephony 7 kHz
 - Videotelephony 1
 - Videotelephony 2
 - User specified 1
 - User specified 2
 - User specified 3

- Supp. Services**
- TP test
 - HOLD test
 - CLIP test
 - CLIP / CLIR
 - COLP/COLR
 - DDI test
 - MSN test
 - CF test
 - CFU
 - CFB
 - CFNR
 - CW test
 - CCBS test
 - CCNR test
 - MCID test
 - 3PTY test
 - ECT test
 - CUG test
 - CD test
 - AOC test
 - SUB test
 - UUS test

BERT Test operation

BERT Test configuration

Supplementary services test Test operation

Service test Test operation

Lists

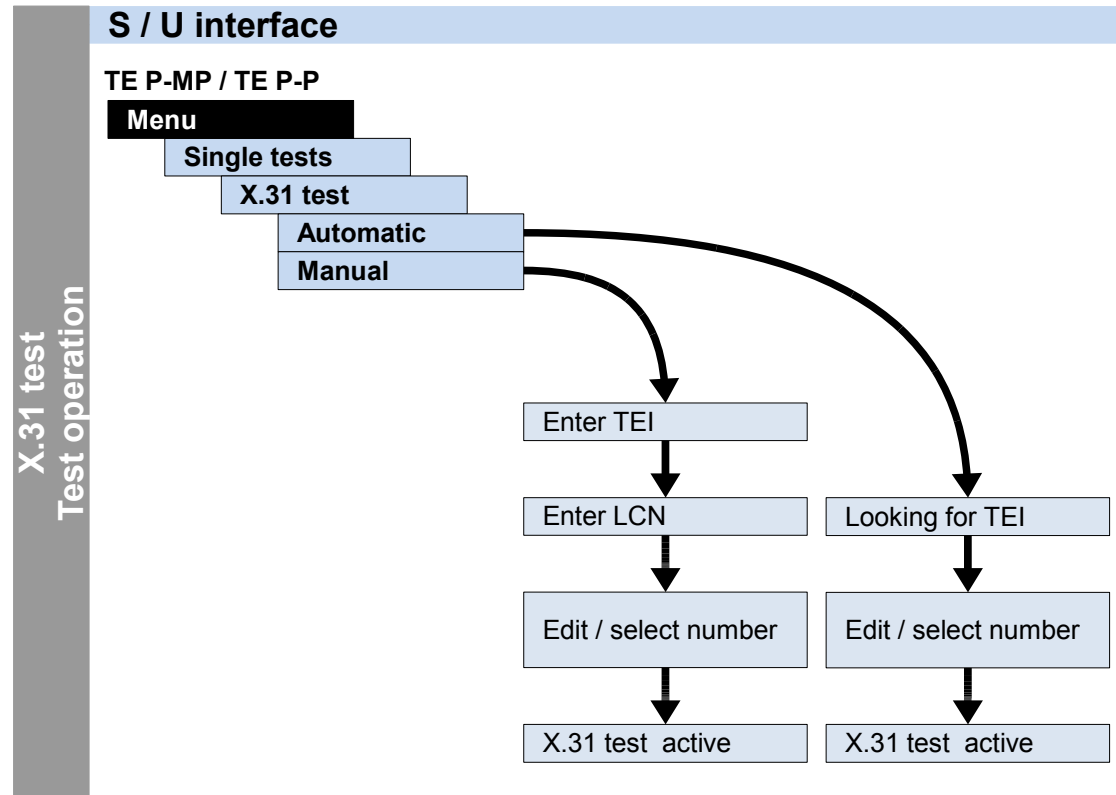
Cross references:

Menu	Page
Access	4
Main menu	5
Single tests	5
Test reports	5
Settings	5
Device	5
Profiles	6-7
ISDN	8
POTS	8
Accu servicing	5
Help	5

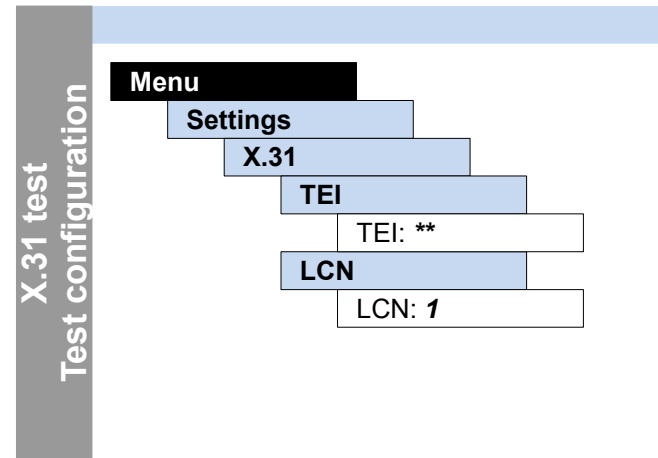
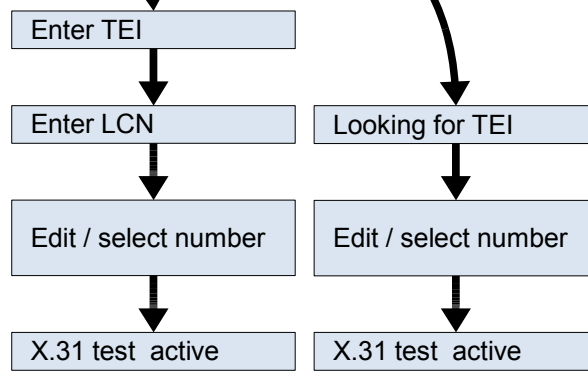
IP and ATM tests	Page
IP ping	9
HTTP download	
VPI/VCI scan	10
ATM OAM ping	
VoIP	11
MDI analysis	12
Ethernet loop	

Other tests	Page
BERT	13
Supp. Services	
Services	
X.31	14
CF tests	15
Phone / connect.	
Auto. Test	16
Copper test	17

Other	Page
Legend	3
Hotkeys	3
Test leads	18-19



X.31 test
Test operation



X.31 test
Test configuration

Configuration and operation

CF interrogation, CF activation, CF delete, Phone / connection

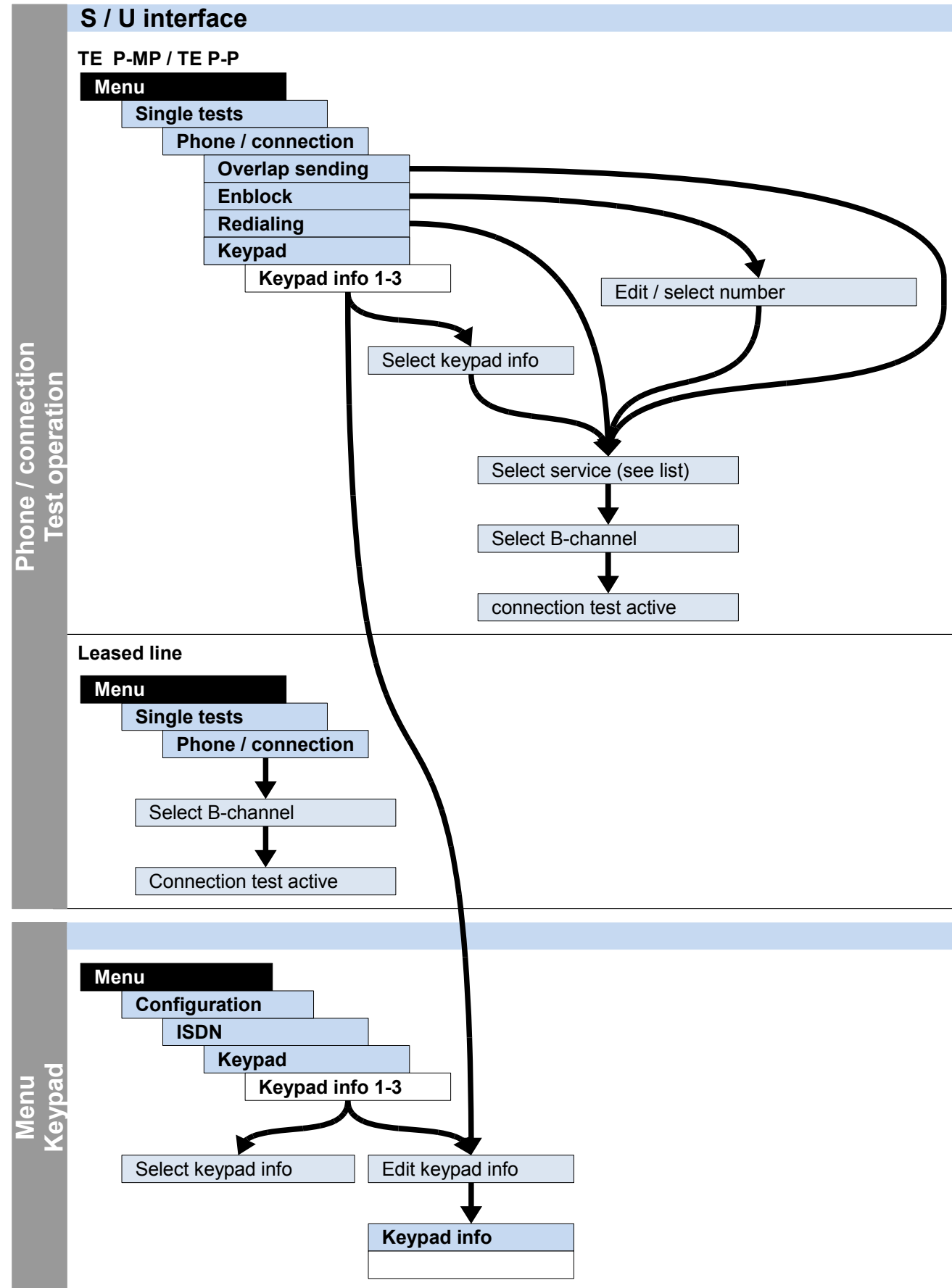
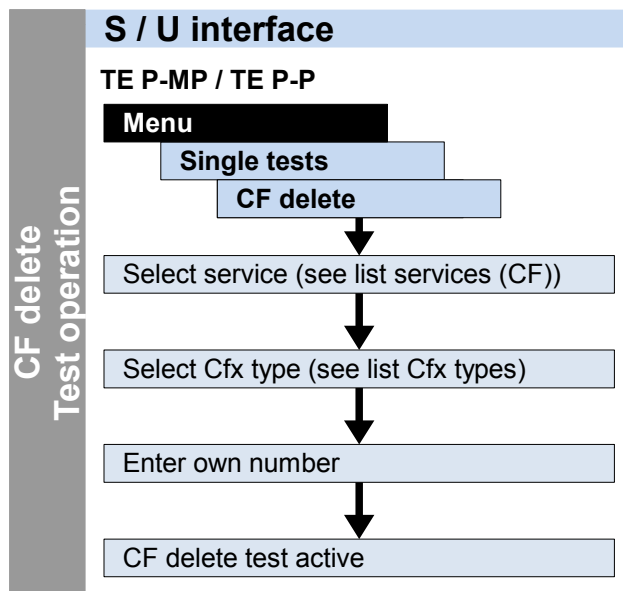
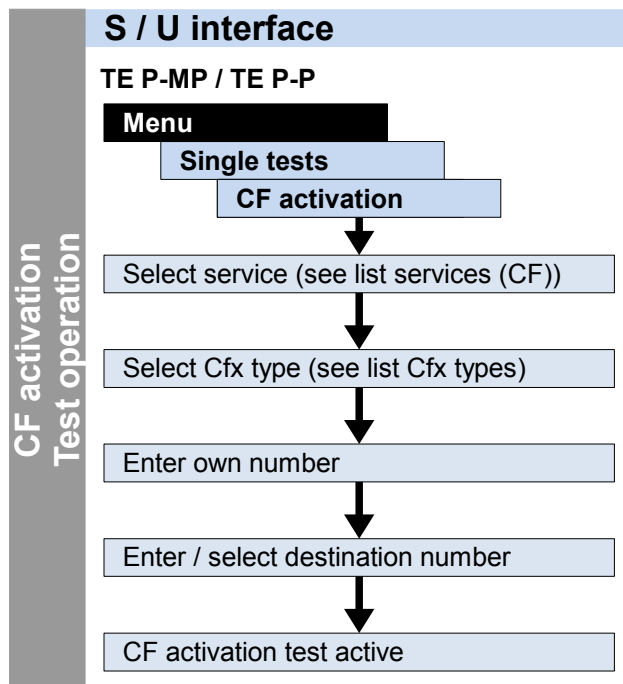
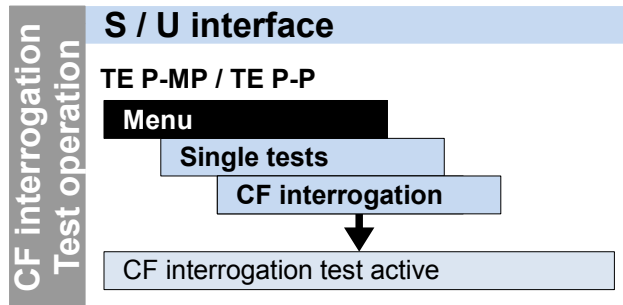
Cross references:

Menu	Page
Access	4
Main menu	5
Single tests	5
Test reports	5
Settings	5
Device	5
Profiles	6-7
ISDN	8
POTS	8
Accu servicing	5
Help	5

IP and ATM tests	Page
IP ping	9
HTTP download	
VPI/VCI scan	10
ATM OAM ping	
VoIP	11
MDI analysis	12
Ethernet loop	

Other tests	Page
BERT	13
Supp. Services	
Services	
X.31	14
CF tests	15
Phone / connect.	
Auto. Test	16
Copper test	17

Other	Page
Legend	3
Hotkeys	3
Test leads	18-19



Lists

Services

- speech
- IDU 64 kBit
- 3.1 kHz audio
- 7 kHz audio
- IDU TA
- Telephony ISDN
- Fax G3
- Fax G4
- Mixed Mode
- Teletex
- Videotex
- Telex
- OSI
- Telephony7 kHz
- Videotelephony 1
- Videotelephony 2
- User specified 1
- User specified 2
- User specified 3

Services (CF)

- All
- Spch
- DFU
- A3K1H
- A7kHz
- Tel31
- TTX
- FaxG4
- ViSyB
- ViTel
- FaxG3
- Tel7k

Cfx types

- CFU
- CFB
- CFNR

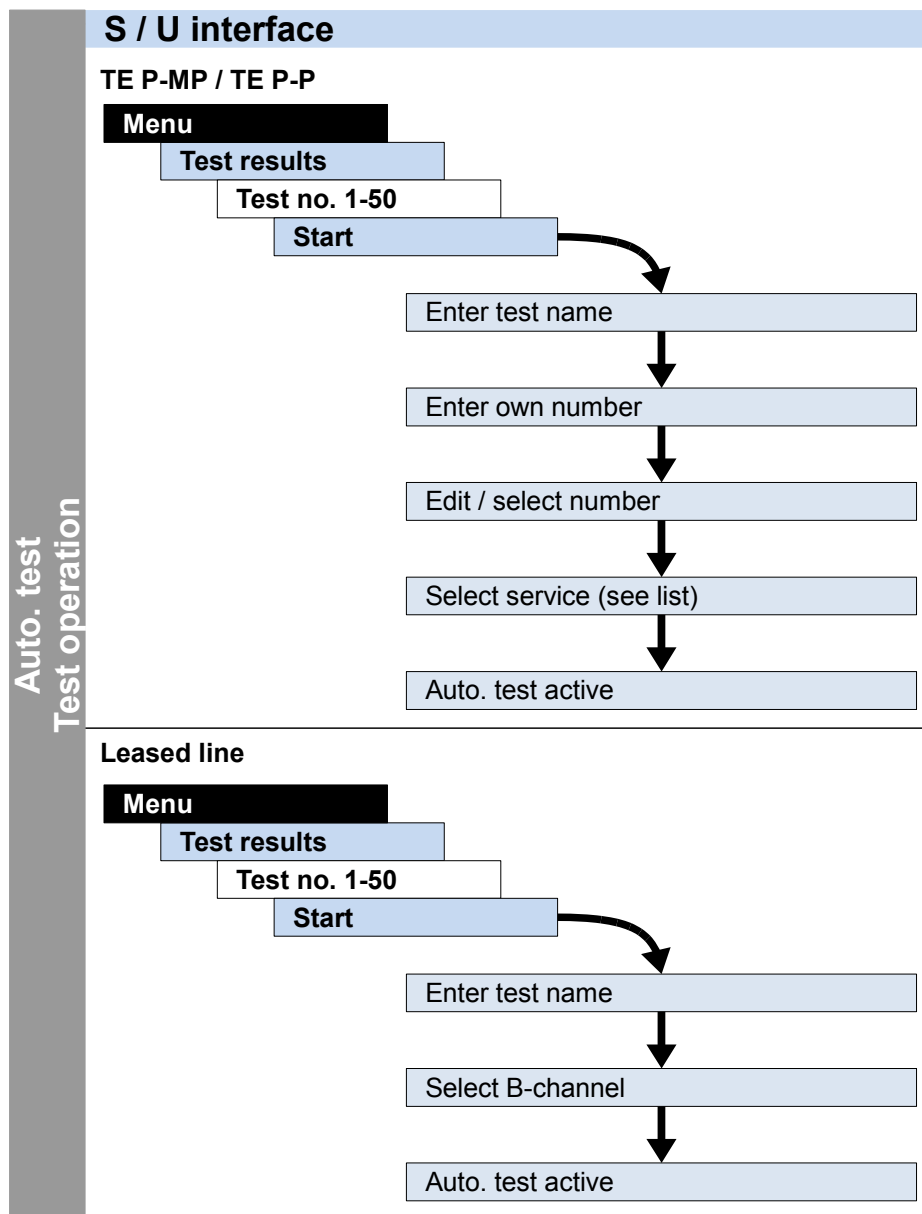
Cross references:

Menu	Page
Access	4
Main menu	5
Single tests	5
Test reports	5
Settings	5
Device	5
Profiles	6-7
ISDN	8
POTS	8
Accu servicing	5
Help	5

IP and ATM tests	Page
IP ping	9
HTTP download	
VPI/VCI scan	10
ATM OAM ping	
VoIP	11
MDI analysis	12
Ethernet loop	

Other tests	Page
BERT	13
Supp. Services	
Services	
X.31	14
CF tests	15
Phone / connect.	
Auto. Test	16
Copper test	17

Other	Page
Legend	3
Hotkeys	3
Test leads	18-19



List	Services
	Speech
	IDU 64 kBit
	3.1 kHz audio
	7 kHz audio
	IDU TA
	Telephony ISDN
	Fax G3
	Fax G4
	Mixed Mode
	Teletex
	Videotex
	Telex
OSI	
Telephony 7 kHz	
Videotelephony 1	
Videotelephony 2	
User specified 1	
User specified 2	
User specified 3	

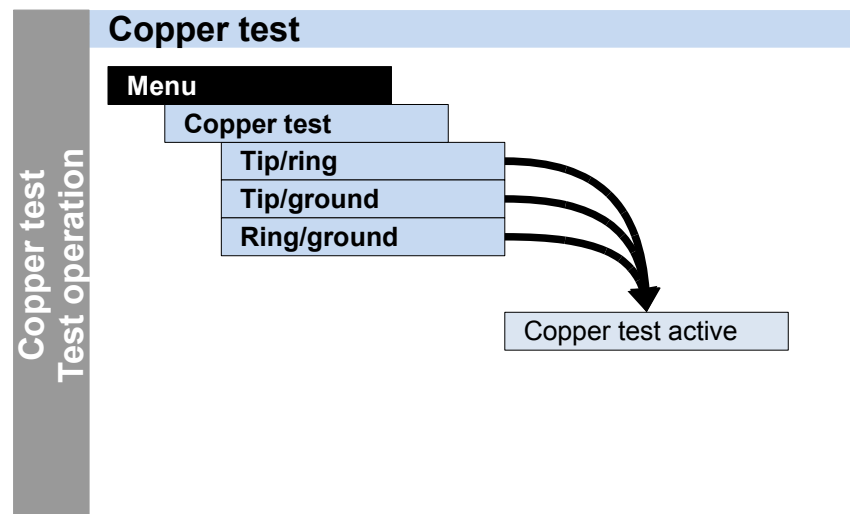
Cross references:

Menu	Page
Access	4
Main menu	5
Single tests	5
Test reports	5
Settings	5
Device	5
Profiles	6-7
ISDN	8
POTS	8
Accu servicing	5
Help	5

IP and ATM tests	Page
IP ping	9
HTTP download	
VPI/VCI scan	10
ATM OAM ping	
VoIP	11
MDI analysis	12
Ethernet loop	

Other tests	Page
BERT	13
Supp. Services	
Services	
X.31	14
CF tests	15
Phone / connect.	
Auto. Test	16
Copper test	17

Other	Page
Legend	3
Hotkeys	3
Test leads	18-19



Test leads and pin assignments

ADSL, Ethernet

Cross references:

Menu	Page
Access	4
Main menu	5
Single tests	5
Test reports	5
Settings	5
Device	5
Profiles	6-7
ISDN	8
POTS	8
Accu servicing	5
Help	5

IP and ATM tests	Page
IP ping	9
HTTP download	9
VPI/VCI scan	10
ATM OAM ping	10
VoIP	11
MDI analysis	12
Ethernet loop	12

Other tests	Page
BERT	13
Supp. Services	13
Services	13
X.31	14
CF tests	15
Phone / connect.	15
Auto. Test	16
Copper test	17

Other	Page
Legend	3
Hotkeys	3
Test leads	18-19

ADSL

xDSL adapter
(Art.Nr. 000048)

xDSL/POTS/BRI U cable 2 wire
(Art.Nr. 000071)

xDSL/POTS/BRI U cable 2 wire
(Art.Nr. 000071)

DSL cable
(Art.Nr. 000045)

RJ11	Ban.	RJ45
3	red	7
4	black	8

Ban.	RJ45
red	7
black	8

RJ11	RJ45
3	7
4	8

ADSL – Bridge / Router

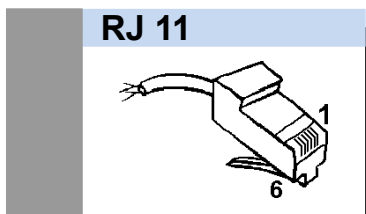
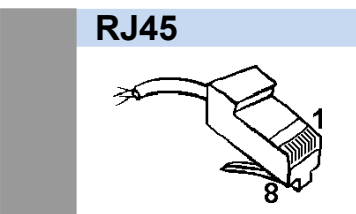
RJ45	RJ45
1-8	1-8

Ethernet Patch cable 1:1 (blue)
(Art.Nr. 004466)

Ethernet

Ethernet Patch cable 1:1 (blue)
(Art.Nr. 004466)

RJ45	RJ45
1-8	1-8



Test leads and pin assignments

ISDN, POTS, Copper test

Cross references:

Menu	Page
Access	4
Main menu	5
Single tests	5
Test reports	5
Settings	5
Device	5
Profiles	6-7
ISDN	8
POTS	8
Accu servicing	5
Help	5

IP and ATM tests	Page
IP ping	9
HTTP download	
VPI/VCI scan	10
ATM OAM ping	
VoIP	11
MDI analysis	12
Ethernet loop	

Other tests	Page
BERT	
Supp. Services	13
Services	
X.31	14
CF tests	
Phone / connect.	15
Auto. Test	16
Copper test	17

Other	Page
Legend	3
Hotkeys	3
Test leads	18-19

U interface / POTS interface

xDSL adapter
(Art.Nr. 000048)

xDSL/POTS/BRI U cable 2 wire
(Art.Nr. 000071)

RJ11	Ban.	RJ45
3	red	7
4	black	8

Ban.	RJ45
red	7
black	8

S interface

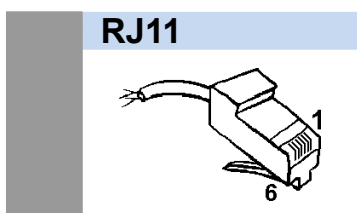
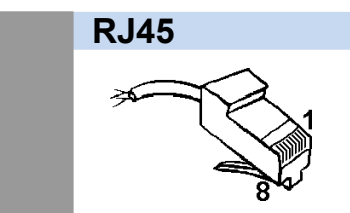
BRI S cable
(Art.Nr. 000041)

RJ45	RJ45
3-6	3-6

Copper test

T-R-G-cable
(Art.Nr. 004225)

Ban.	RJ45
yellow	1
red	7
black	8



Cross references:

Menu	Page
Access	4
Main menu	5
Single tests	5
Test reports	5
Settings	5
Device	5
Profiles	6-7
ISDN	8
POTS	8
Accu servicing	5
Help	5

IP and ATM tests	Page
IP ping	9
HTTP download	
VPI/VCI scan	10
ATM OAM ping	
VoIP	11
MDI analysis	12
Ethernet loop	

Other tests	Page
BERT	13
Supp. Services Services	
X.31	14
CF tests	15
Phone / connect.	
Auto. Test	16
Copper test	17

Other	Page
Legend	3
Hotkeys	3
Test leads	18-19

Cross references:

Menu	Page
Access	4
Main menu	5
Single tests	5
Test reports	5
Settings	5
Device	5
Profiles	6-7
ISDN	8
POTS	8
Accu servicing	5
Help	5

IP and ATM tests	Page
IP ping	9
HTTP download	9
VPI/VCI scan	10
ATM OAM ping	10
VoIP	11
MDI analysis	12
Ethernet loop	12

Other tests	Page
BERT	13
Supp. Services	13
Services	13
X.31	14
CF tests	15
Phone / connect.	15
Auto. Test	16
Copper test	17

Other	Page
Legend	3
Hotkeys	3
Test leads	18-19



GESELLSCHAFT FÜR

INFORMATIONSTECHNIK mbH

Rahmedestraße 90

58507 Lüdenscheid

Tel.: 0 23 51 / 90 70-0

Fax: 0 23 51 / 90 70-70

Email: sales@argus.info

<http://www.argus.info>