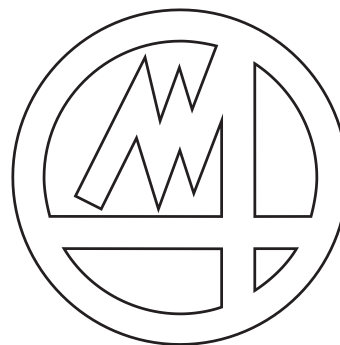


# BLÜLT

**Kurzanleitung**

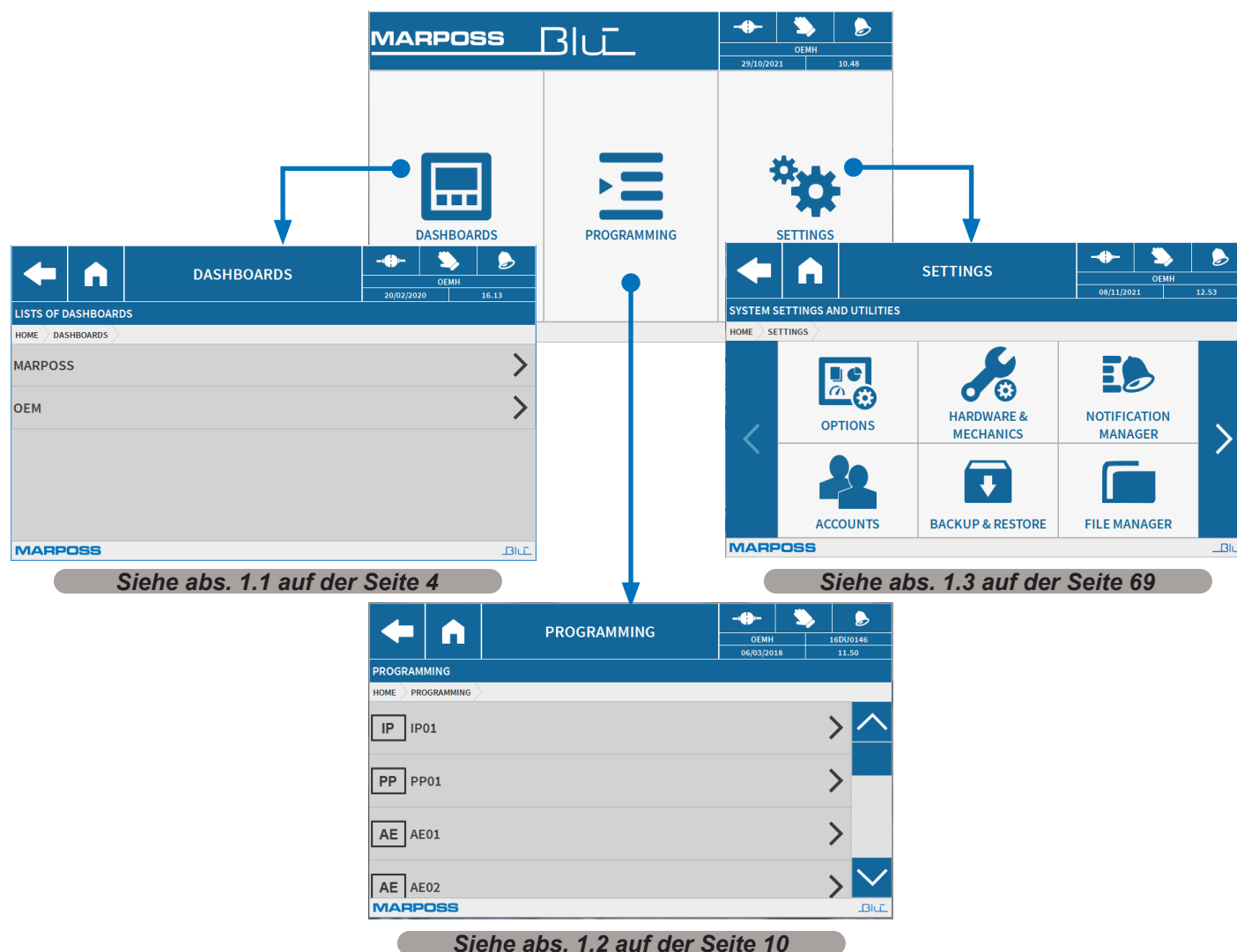


**MARPOSS**

**INHALTSVERZEICHNIS**

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# 1 NAVIGATIONSÜBERSICHT



- Ansichten
  - Auswählen
  - Erstellen
  - Ändern



- Programmieren
  - (Liste verfügbarer Kanäle)



- Einstellungen
  - Optionen (siehe Teil B2 und Anhang C2xx)
  - Hardware und Mechanik (siehe Teil B2 und Anhang C2xx)
  - Meldungsmanager (siehe Teil B2 und Anhang C2xx)
  - Benutzerkonten (siehe Teil B2)
  - Datensicherung & Wiederherstellung (siehe Teil B2)
  - Dateianager (siehe Teil B2)
  - Info (siehe Teil B2)
  - Datensätze exportieren/importieren (siehe Teil B2)

Abb.1. Übersicht Hauptmenüs

## 1.1 Dashboard Menü

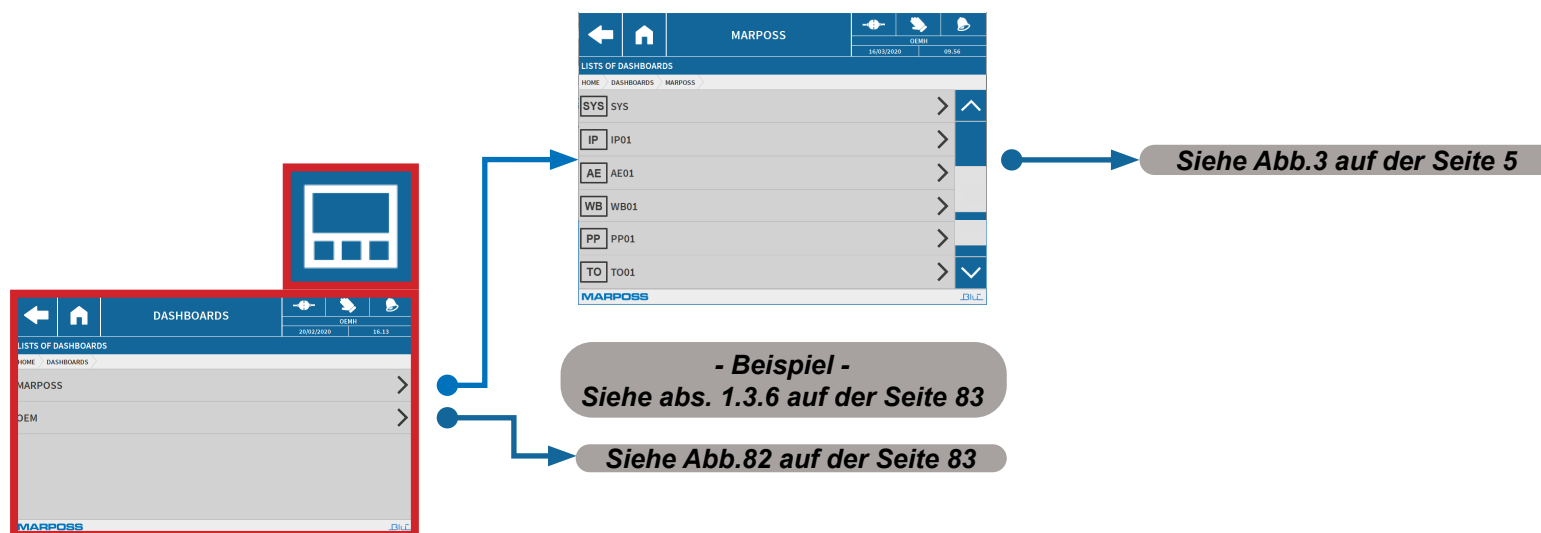
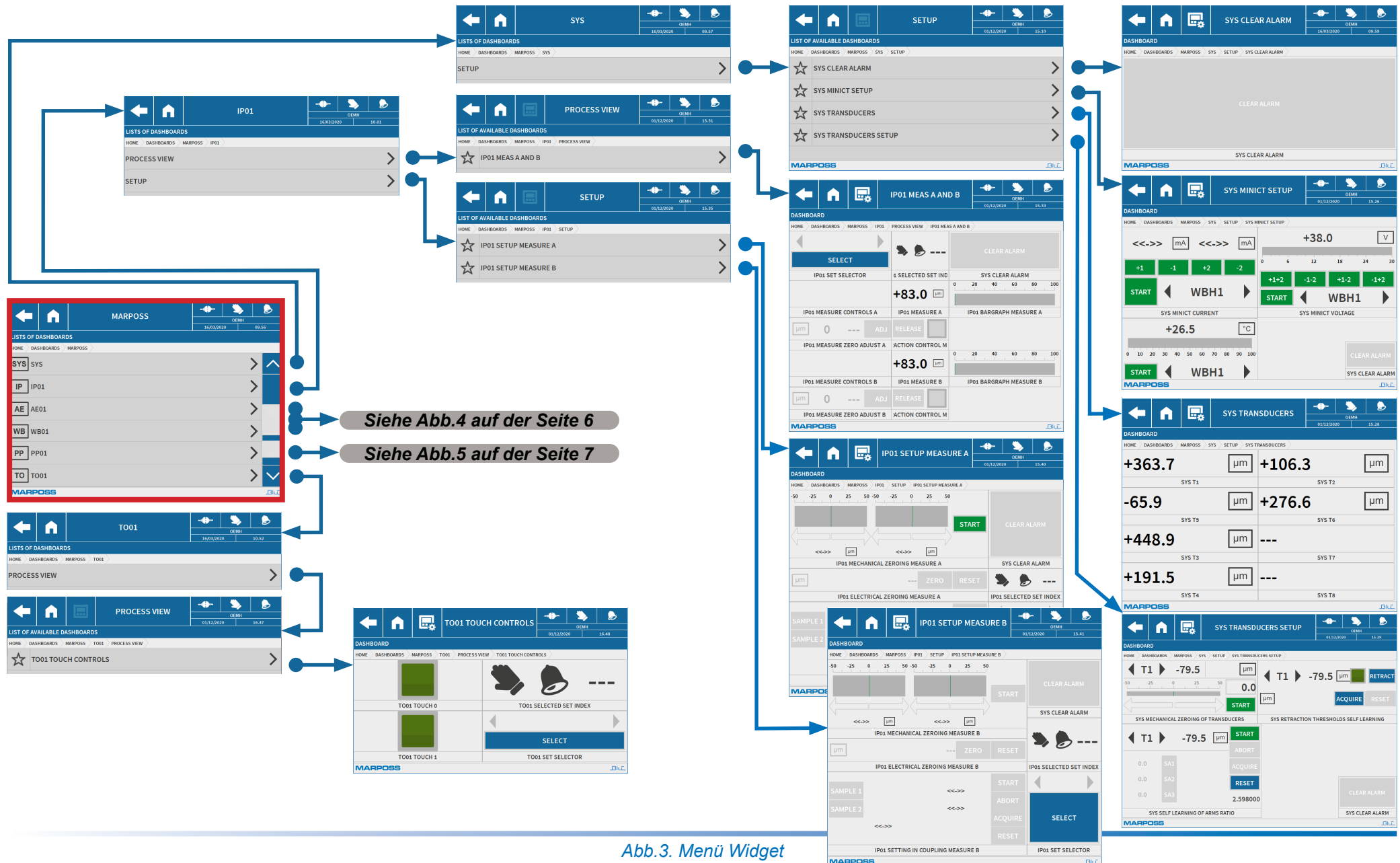


Abb.2. Menü Dashboard

## 1.1.1 Widget Menü



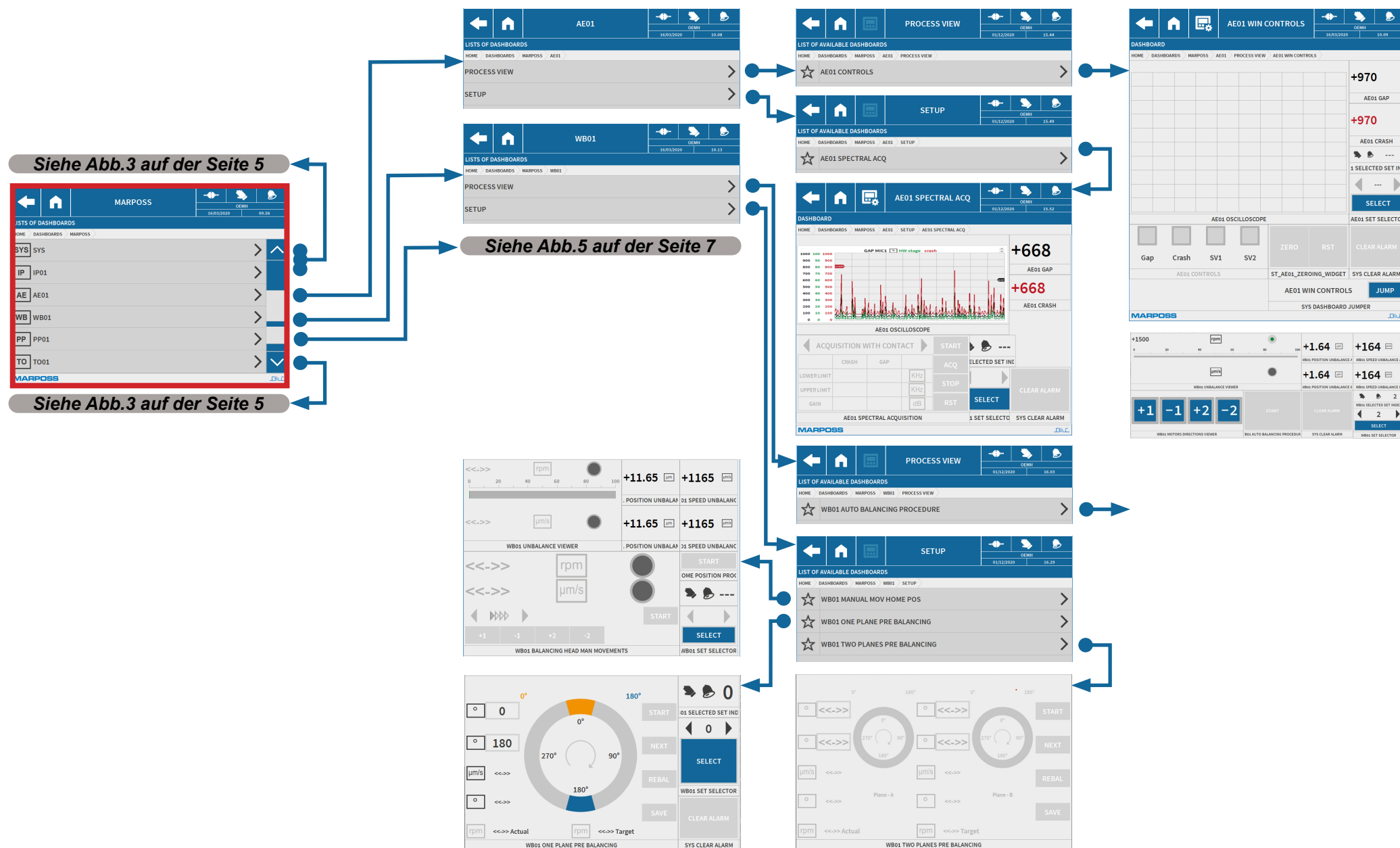


Abb.4. Menü Widget

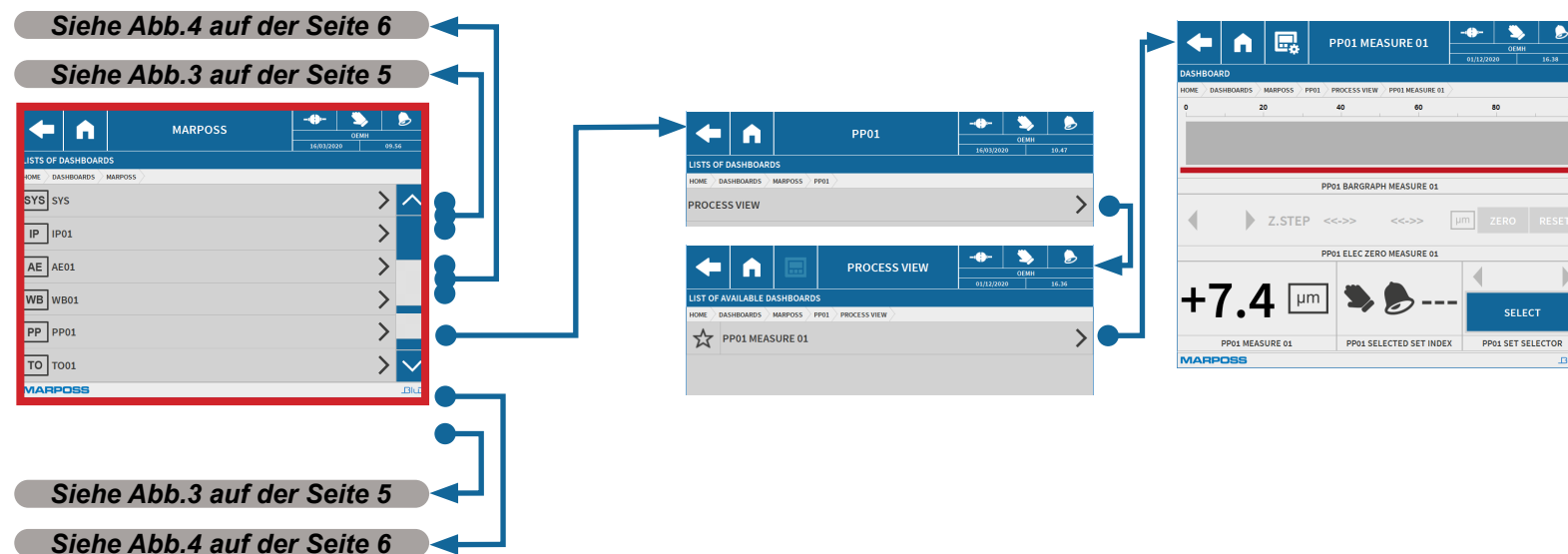
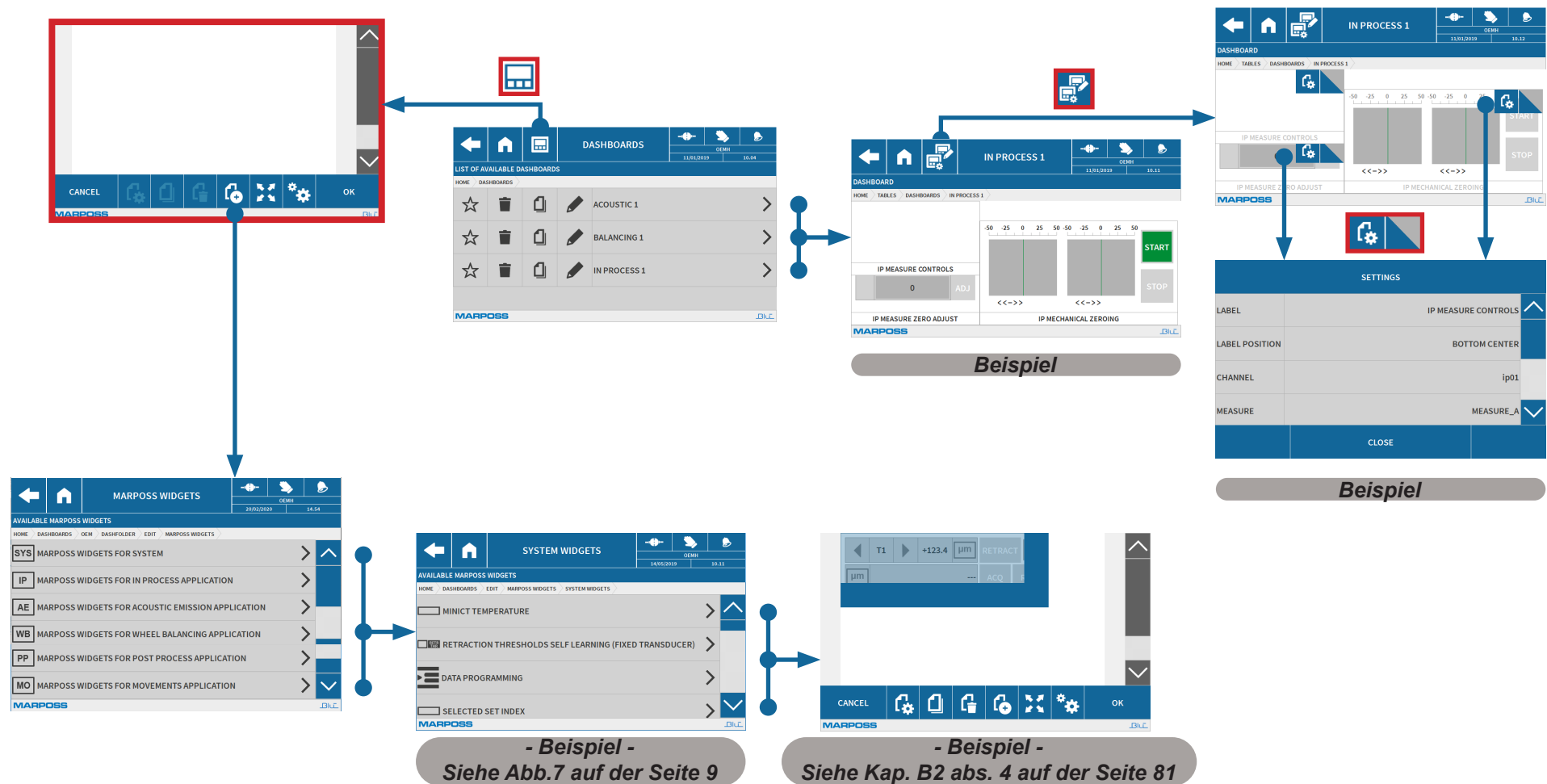


Abb.5. Menü Widget



*Abb.6. Menü Widget*

The image displays the MARPOSS menu system, organized into several main categories and sub-menus. A red box highlights the 'SYS' category, which is expanded to show its sub-menus. A blue arrow points from the 'SYS' category to the 'SYS' sub-menu.

**SYS (Highlighted):**

- MARPOSS WIDGETS FOR SYSTEM
- MARPOSS WIDGETS FOR IN PROCESS APPLICATION
- MARPOSS WIDGETS FOR ACOUSTIC EMISSION APPLICATION
- MARPOSS WIDGETS FOR WHEEL BALANCING APPLICATION
- MARPOSS WIDGETS FOR POST PROCESS APPLICATION
- MARPOSS WIDGETS FOR MOVEMENTS APPLICATION

**Other Categories and Sub-menus:**

- AE (Acoustic Emission):**
  - AE ZEROING WIDGET
  - AE SPECTRAL ANALYSIS
  - AE SPECTRAL ACQUISITION
  - AE CONTROLS
  - AE IN-CYCLE ADJUST
  - AE SELF LEARNED THRESHOLDS EDITING
  - AE SPECTRUM TRACING RELOAD
- WB (Wheel Balancing):**
  - ONE PLANE PRE-BALANCING
  - TWO PLANES PRE-BALANCING
  - WB LIMITS
  - WB SPECTRAL ANALYSIS
  - BALANCING HEAD MAN MOVEMENTS
  - AUTO BALANCING PROCEDURE
  - HOME POSITION PROCEDURE
  - UNBALANCE VIEWER
  - SET MOTORS POSITION
  - WB POLAR GRAPH
  - MOTORS DIRECTIONS VIEWER
  - GET MOTORS POSITION
  - AUTO BALANCING DEBUGGER
  - WB DATA RESULTS CLEANER
- IP (In Process):**
  - IP BARGRAPH
  - IP MEASURE CORRECTIONS SUMMARY
  - IP ELECTRICAL ZEROING
  - IP MEASURE CONTROLS
  - IP MECHANICAL ZEROING
  - IP RETRACTION CONTROL
  - IP SETTING IN COUPLING
  - IP MEASURE ZERO ADJUST
- PP (Post Process):**
  - PP BARGRAPH
  - PP STEP SELECTOR
  - PP STEP ELECTRICAL ZEROING
  - PP MEASURE STATUS CONTROL
  - PP STATUS OF MEASURE COMPENSATION
  - PP RETRACTION CONTROL
  - PP SINGLE MEASURE
  - PP MEASURE ELECTRICAL ZEROING
  - PP ZERO ADJUST
  - PP SINGLE MEASURE ZEROING
  - PP MEASURE CORRECTIONS SUMMARY
  - PP THERMAL PROBE ELECTRICAL ZEROING
  - PP ALL MEASURES
  - PP ALL MEASURES, COMPRESSED
  - PP ALL MEASURES WITH DESCRIPTIONS
  - PP THE FIRST FOUR MEASUREMENTS AND MORE
  - PP PART STATUS
  - PP PART STATUS, REDUCED
  - PP RUN CHART
  - PP TREND CHART
  - PP ROLLING AVERAGE CHART
  - PP COUNTERS CHART
  - PP X&R OR X&S CHART
  - PP FEEDBACK DATA RESET
  - PP MEASURE HISTOGRAM
  - PP SUMMARY OF STATISTIC RESULTS
  - PP CHART FOR ZEROING HISTORY
  - PP RESET END ZEROING HISTORY
- MO (Movements):**
  - MO FENAR MOVEMENTS
  - MO JOG MOVEMENTS
- Other Sub-menus:**
  - OSCILLOSCOPE
  - OSCILLOSCOPE TRACES RELOADING
  - STATUS LED
  - WATCH VALUE
  - DEVICE I/O
  - TESTBIT
  - DATA PROGRAMMING
  - FUNCTION BUTTON
  - SELECTED SET INDEX
  - SYSTEM BARGRAPH
  - SET SELECTOR
  - SYSTEM RETRACTION CONTROL
  - RETRACTION THRESHOLDS SELF LEARNING (FIXED TRANSDUCER)
  - SELF LEARNING OF ARMS RATIO
  - RETRACTION THRESHOLDS SELF LEARNING (SELECTABLE TRANSDUCER)
  - DASHBOARD JUMPER
  - TEXT VIEWER
  - MINICUT CURRENT
  - MINICUT VOLTAGE
  - MINICUT TEMPERATURE
  - UPDATE DEVICE
  - OTX DIAGNOSTIC
  - TRANSDUCER CALIBRATION
  - MECHANICAL ZEROING OF TRANSDUCERS
  - DIAMETRAL HEAD MECHANICAL ZERO
  - DIAMETRAL HEAD CALIBRATION
  - PROTOMAR HEAD MECHANICAL ZEROING
  - PROTOMAR HEAD CALIBRATION
  - PROTOMAR HEAD ARM RATIO
  - PROTOMAR HEAD METROLOGICAL TEST

Abb.7. Menü Widget

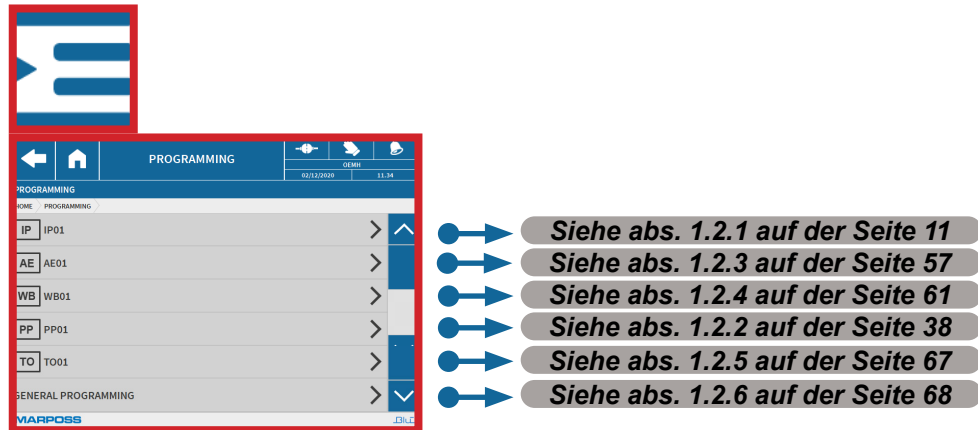
1.2 Menü Programming **Siehe Kap. C2ME abs. 3**

Abb.8. Menü Programming

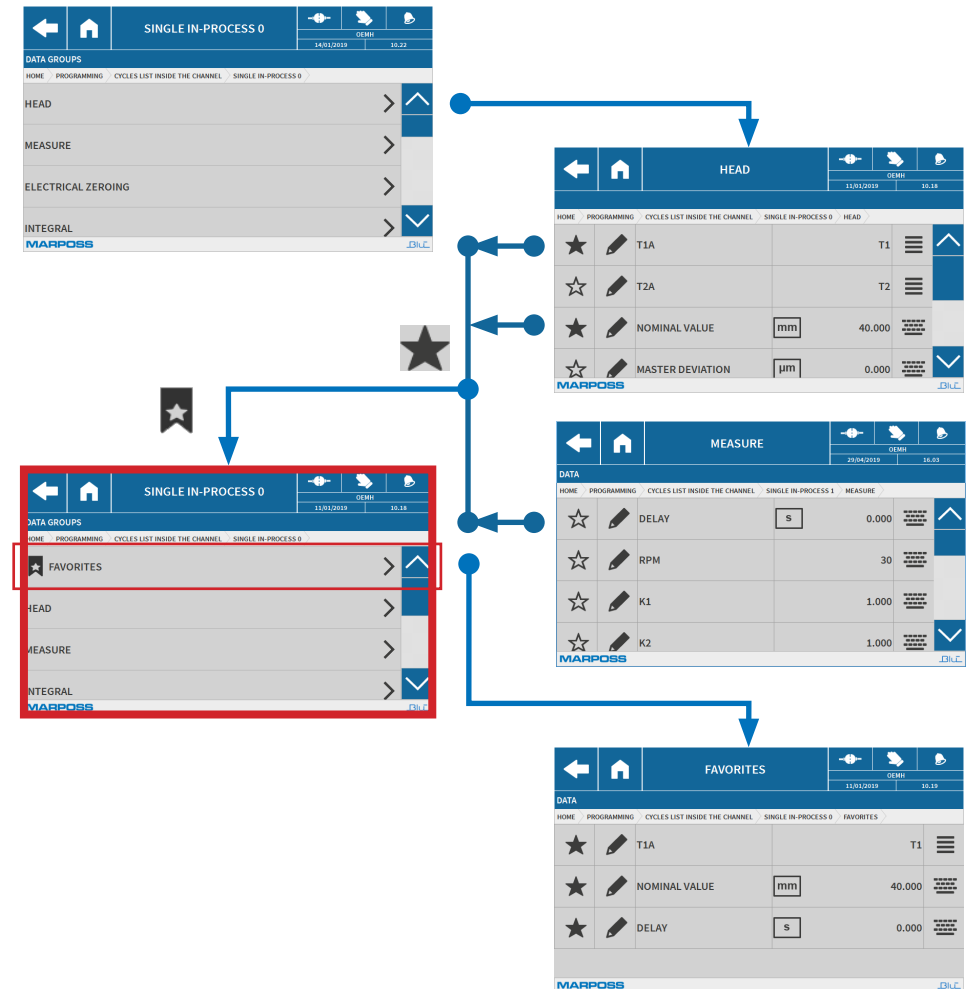


Abb.9. Menü Favoriten (Favorites)

1.2.1 In-Process Menü **Siehe Kap. C2ME abs. 3.1**

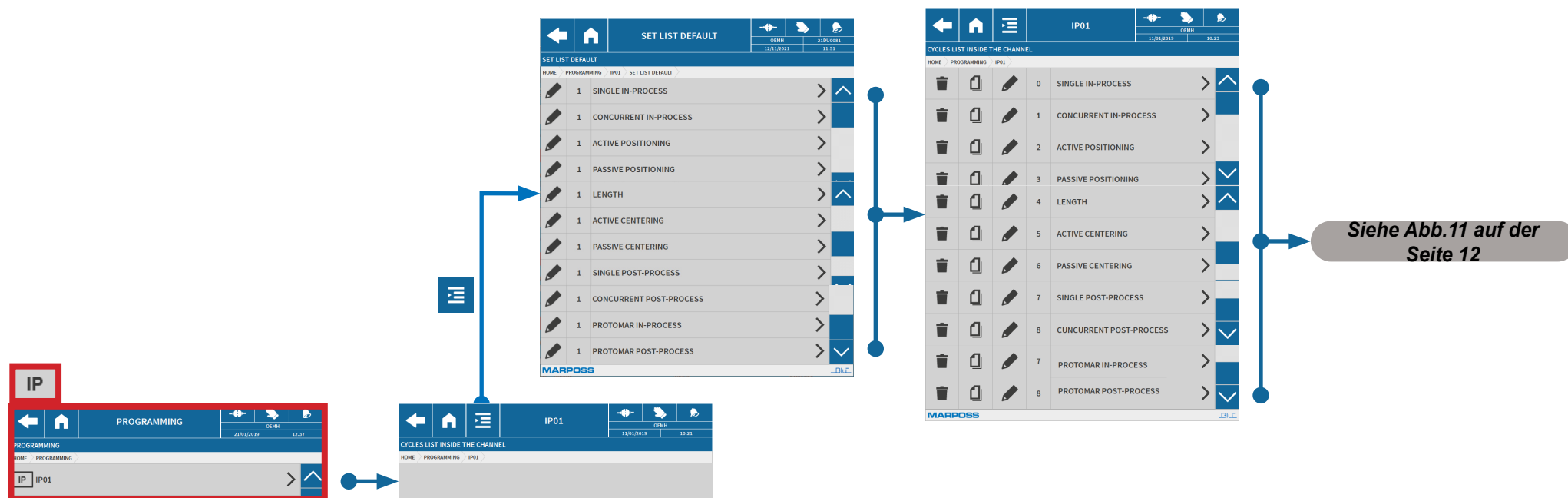
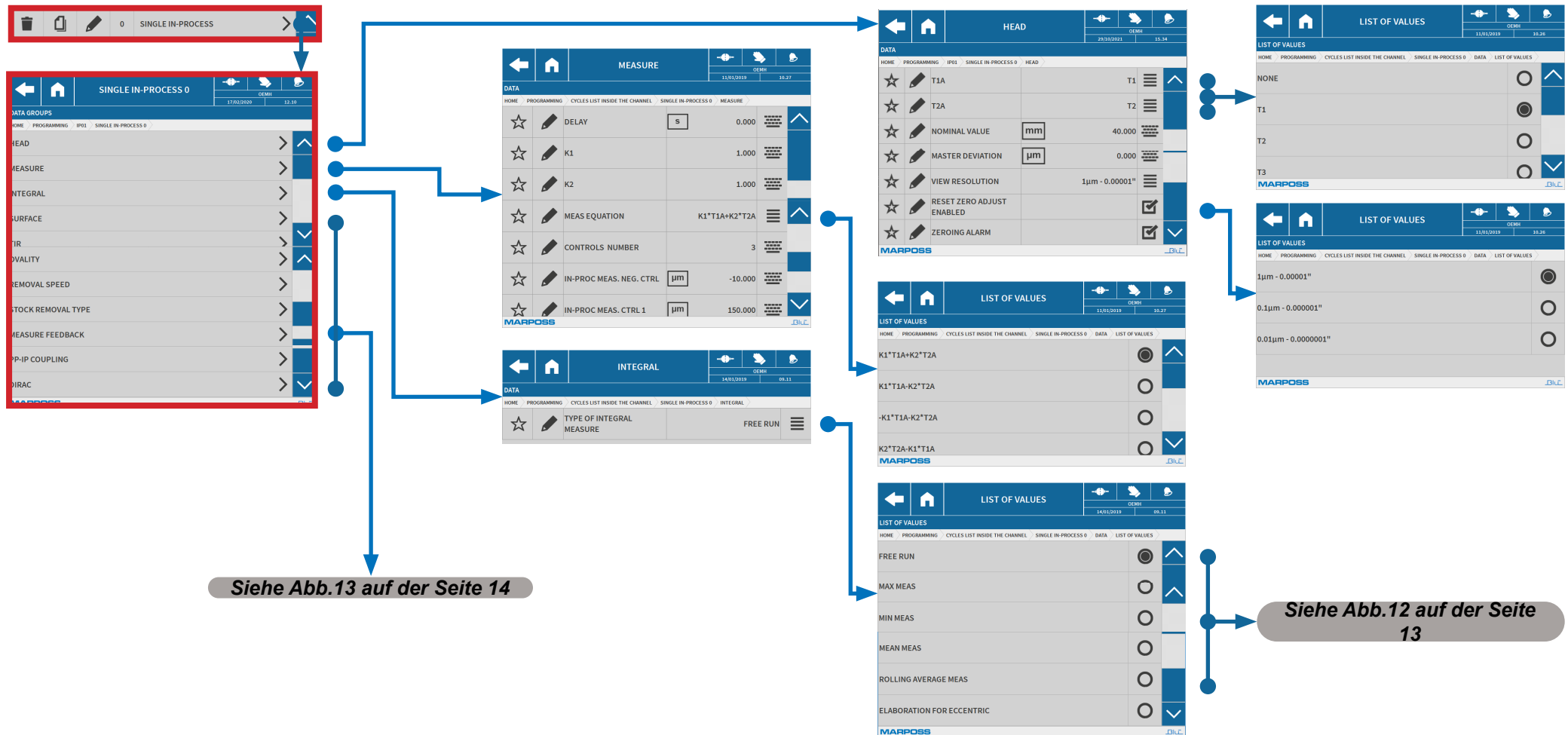


Abb.10. Menü Programming > In-Process



Siehe Abb.13 auf der Seite 14

Siehe Abb.12 auf der Seite 13

Abb.11. Menü Programming > In-Process (IPx) > Single In-Process

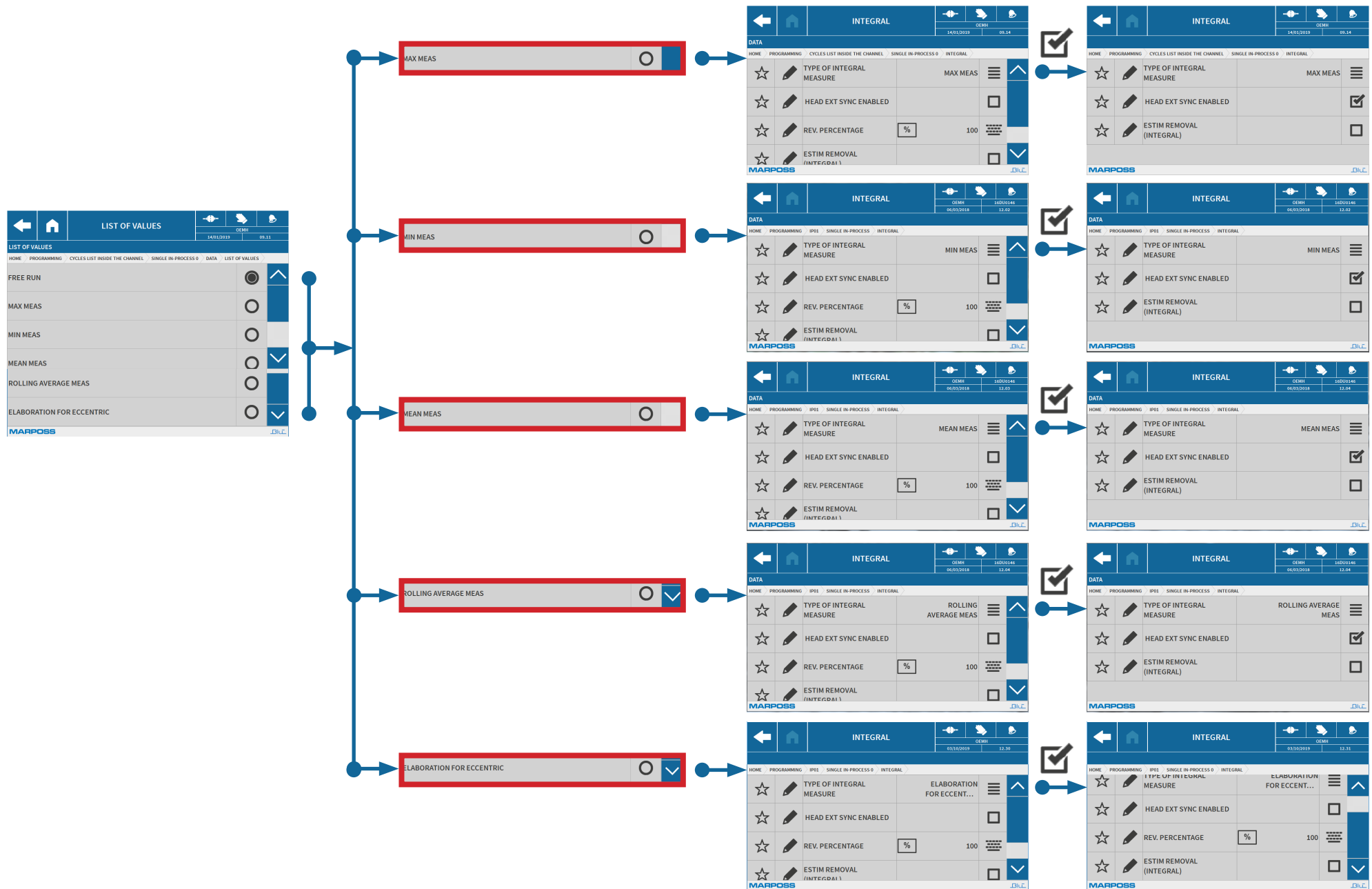


Abb.12. Menü Programming > In-Process (IPx) > Single In-Process

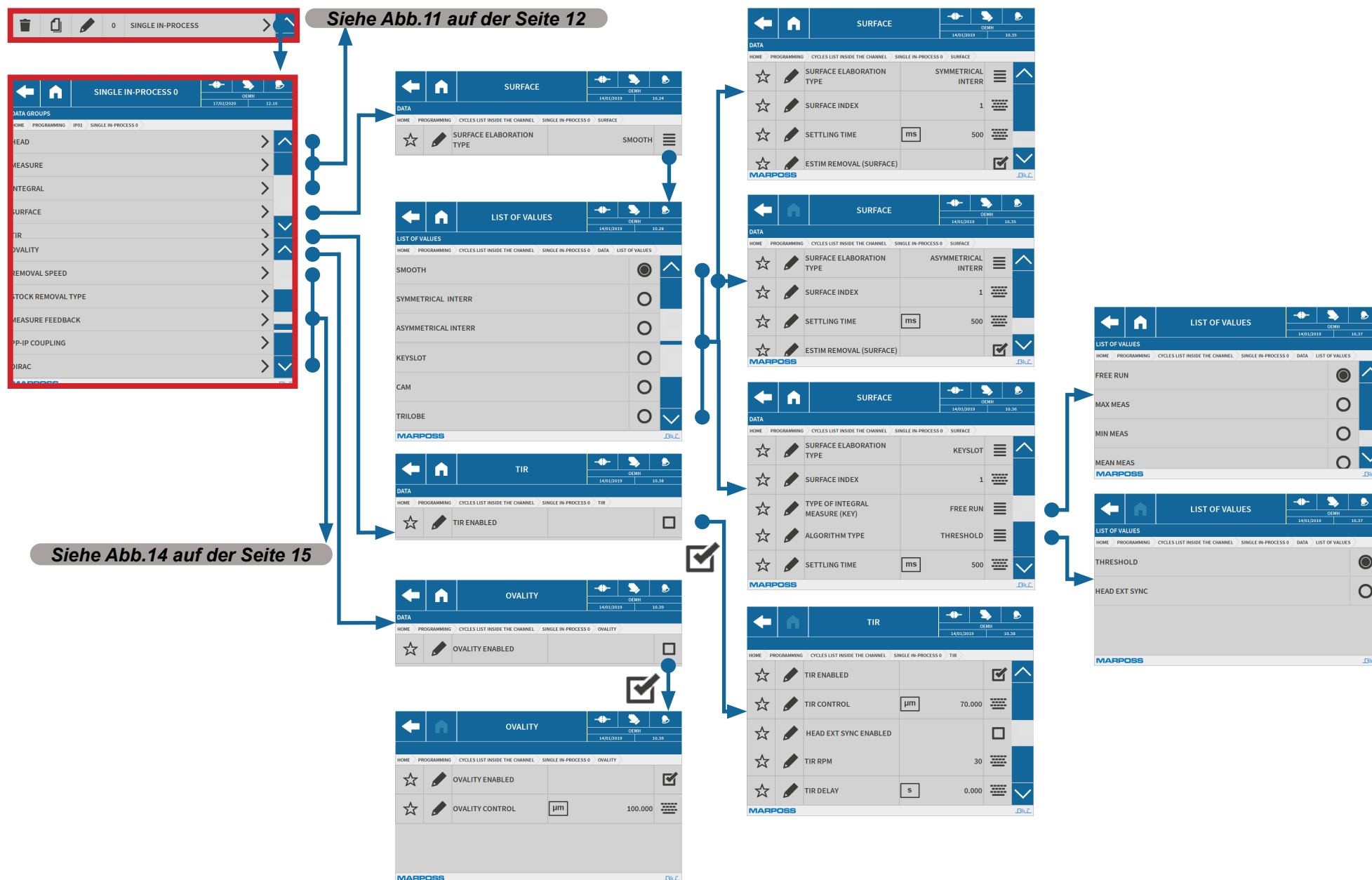


Abb.13. Menü Programming &gt; In-Process (IPx) &gt; Single In-Process

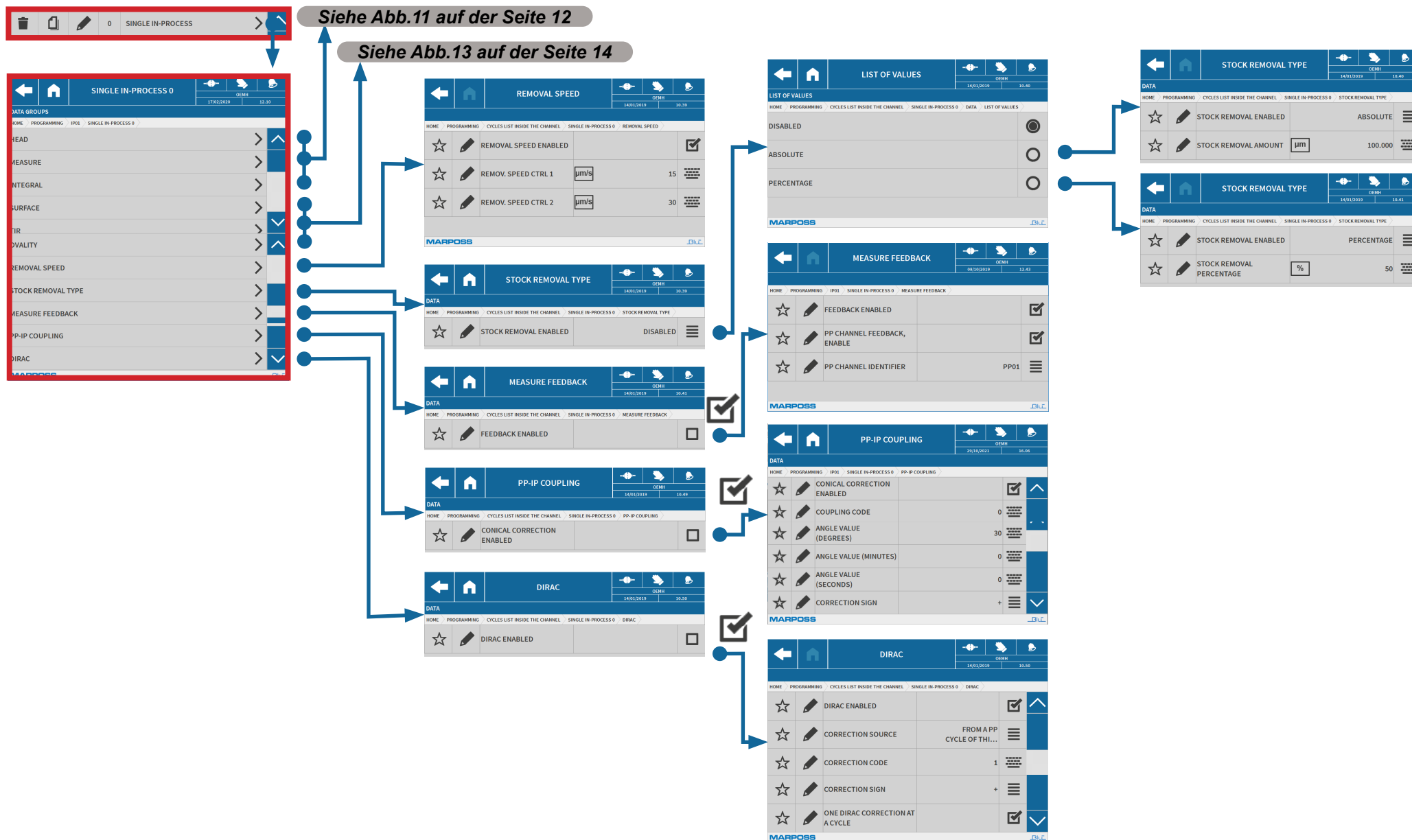


Abb.14. Menü Programming > In-Process (IPx) > Single In-Process

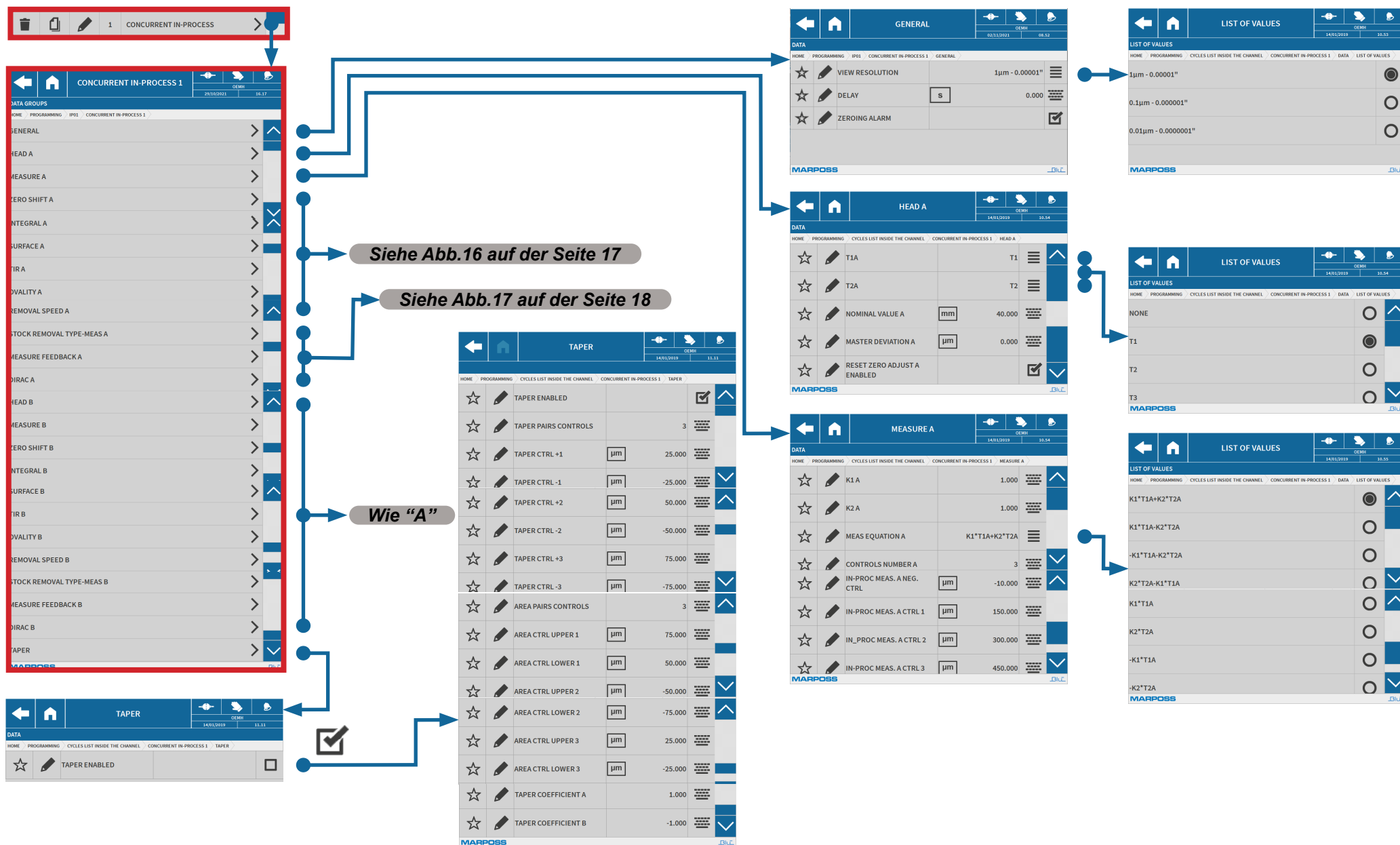


Abb.15. Menü Programming &gt; In-Process (IPx) &gt; Concurrent In-Process

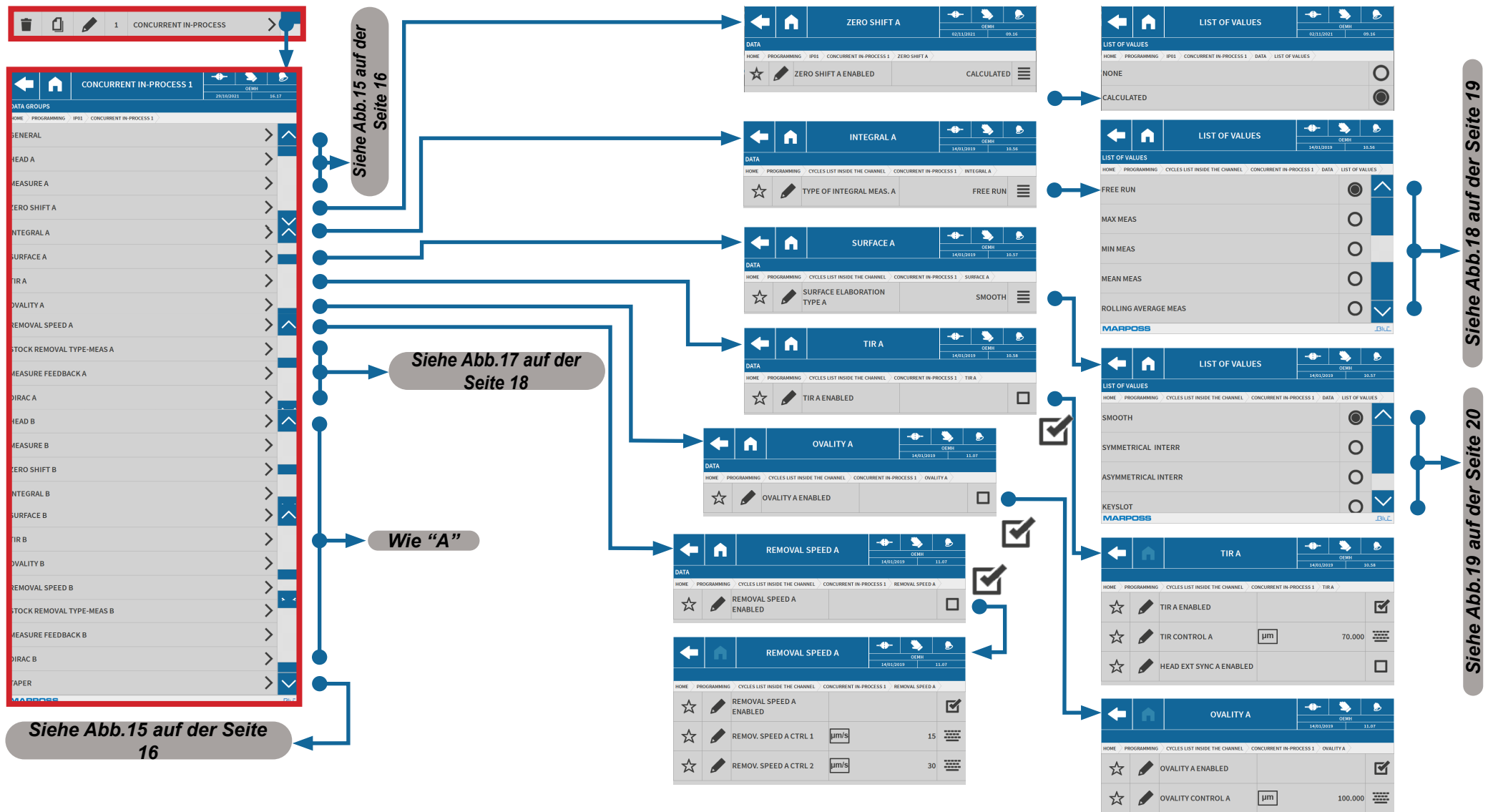


Abb.16. Menü Programming > In-Process (IPx) > Concurrent In-Process

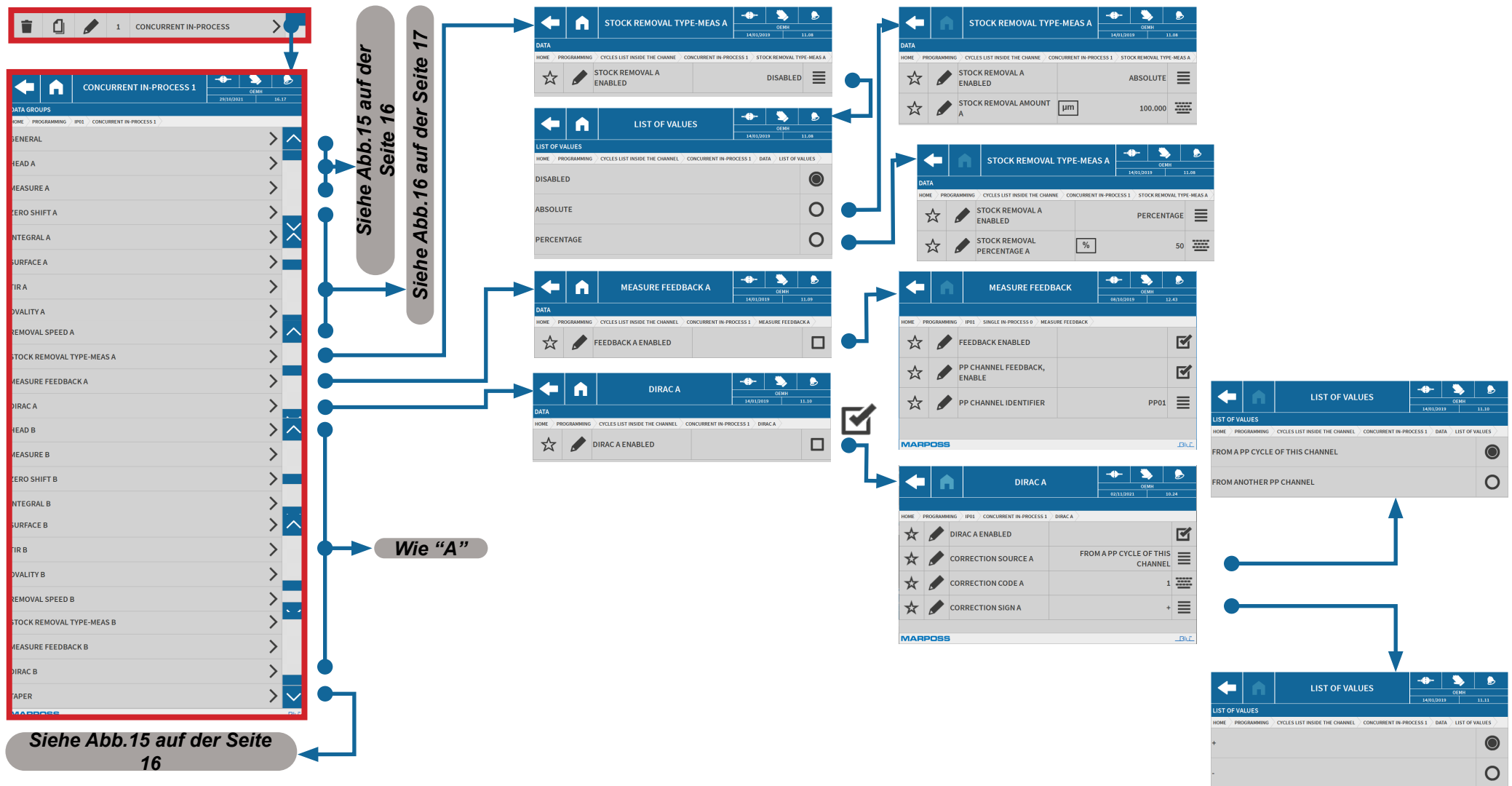


Abb.17. Menu Programming &gt; In-Process (IPx) &gt; Concurrent In-Process

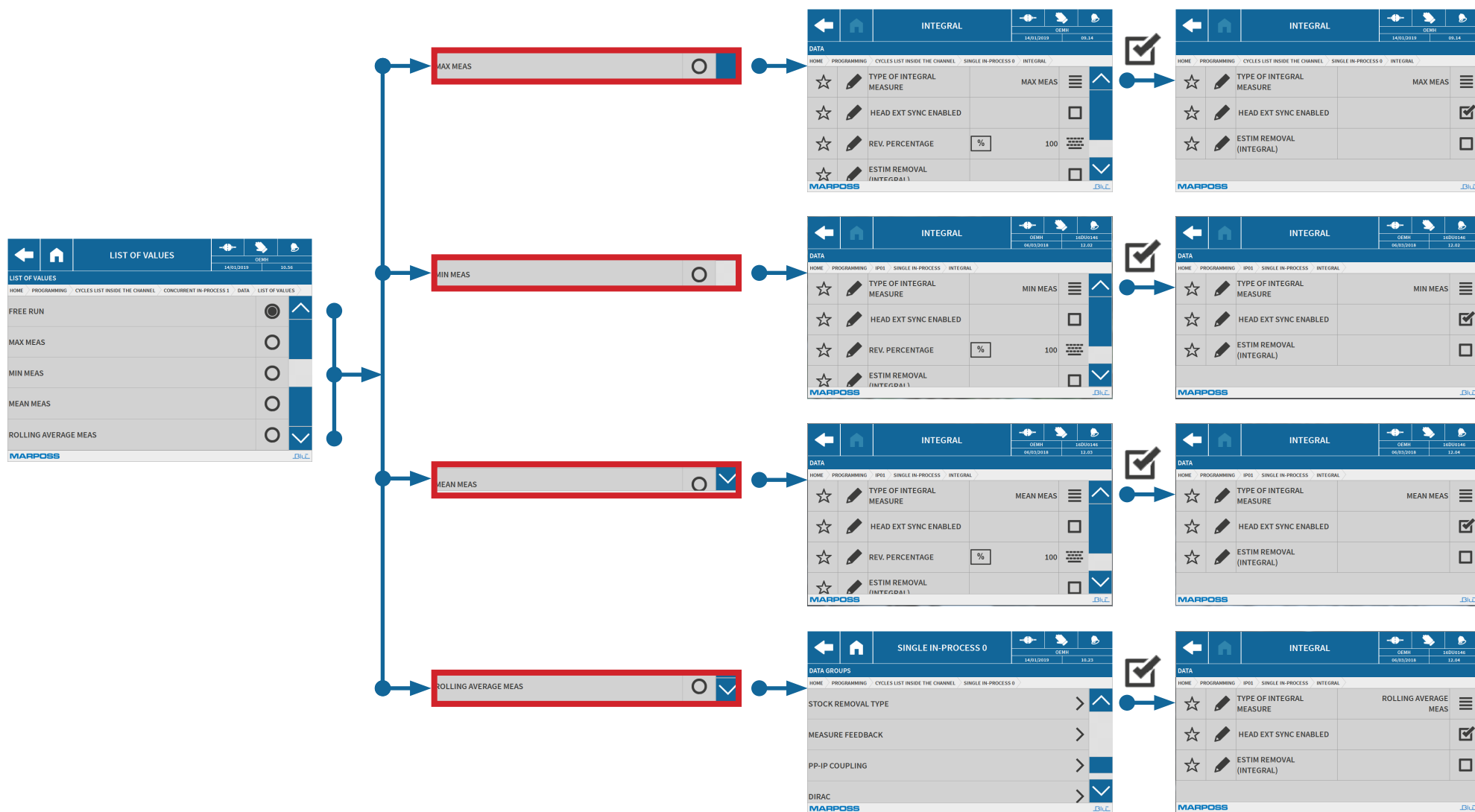


Abb.18. Menü Programming > In-Process (IPx) > Concurrent In-Process

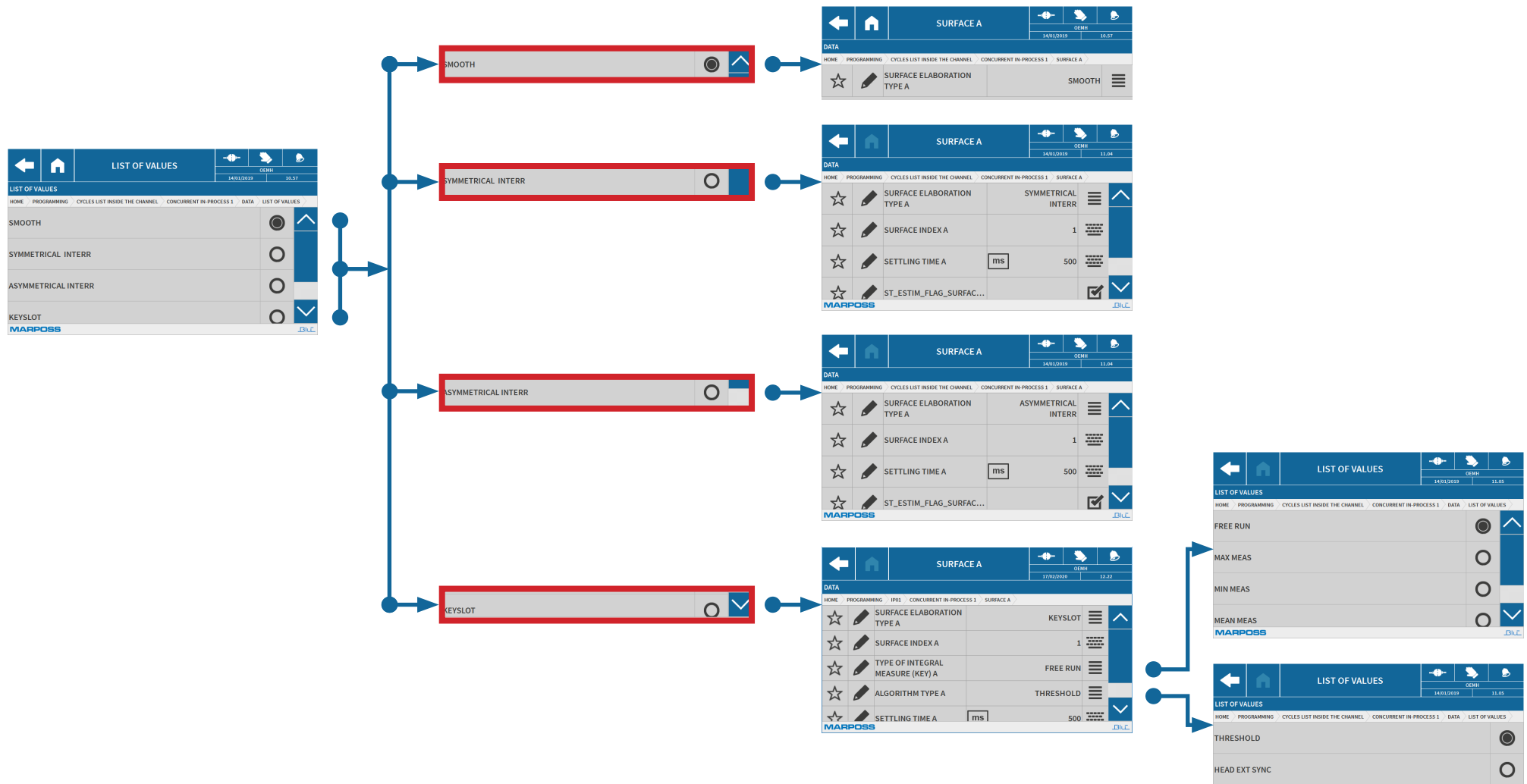


Abb.19. Menü Programming &gt; In-Process (IPx) &gt; Concurrent In-Process

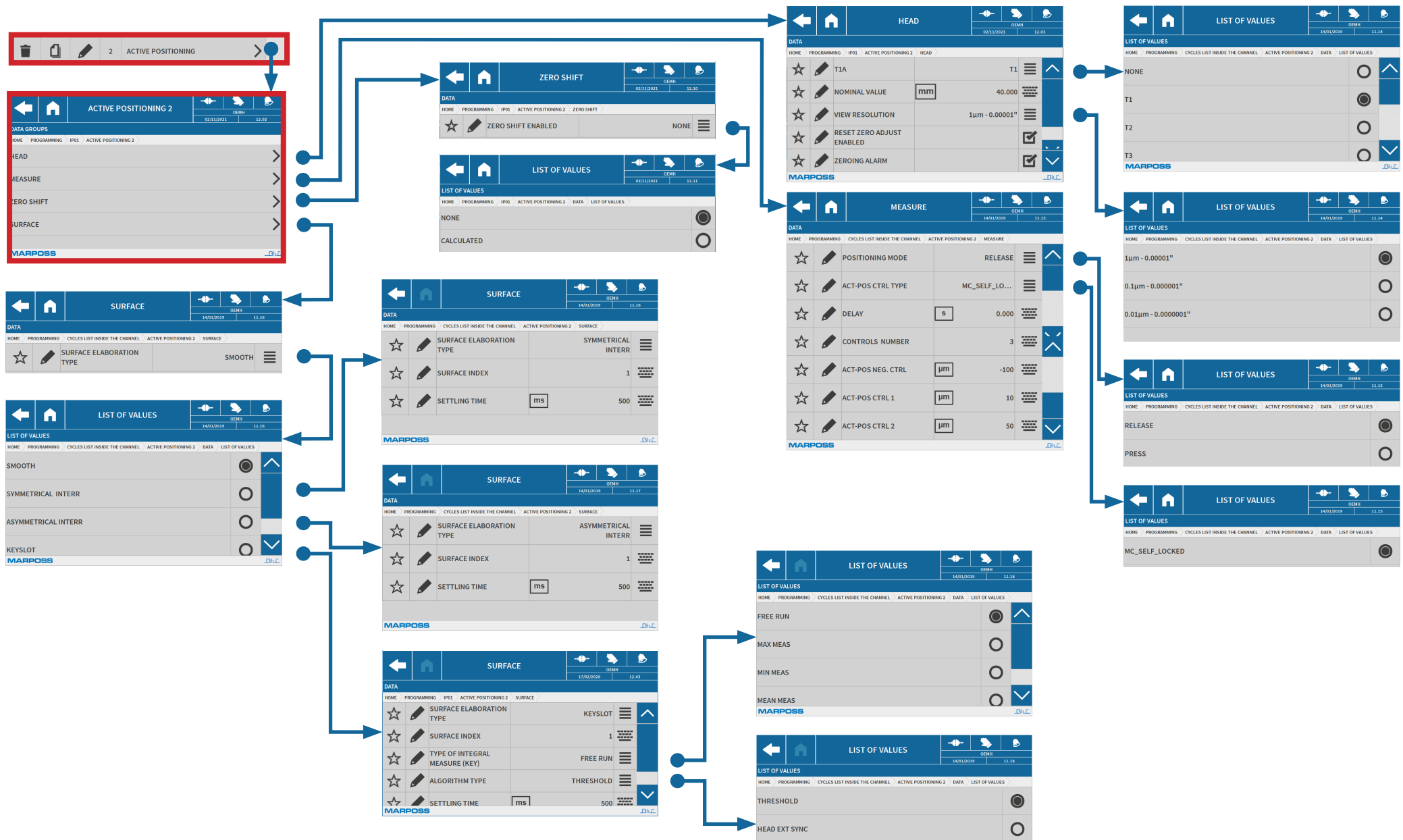


Abb.20. Menü Programming > In-Process (IPx) > Active Positioning

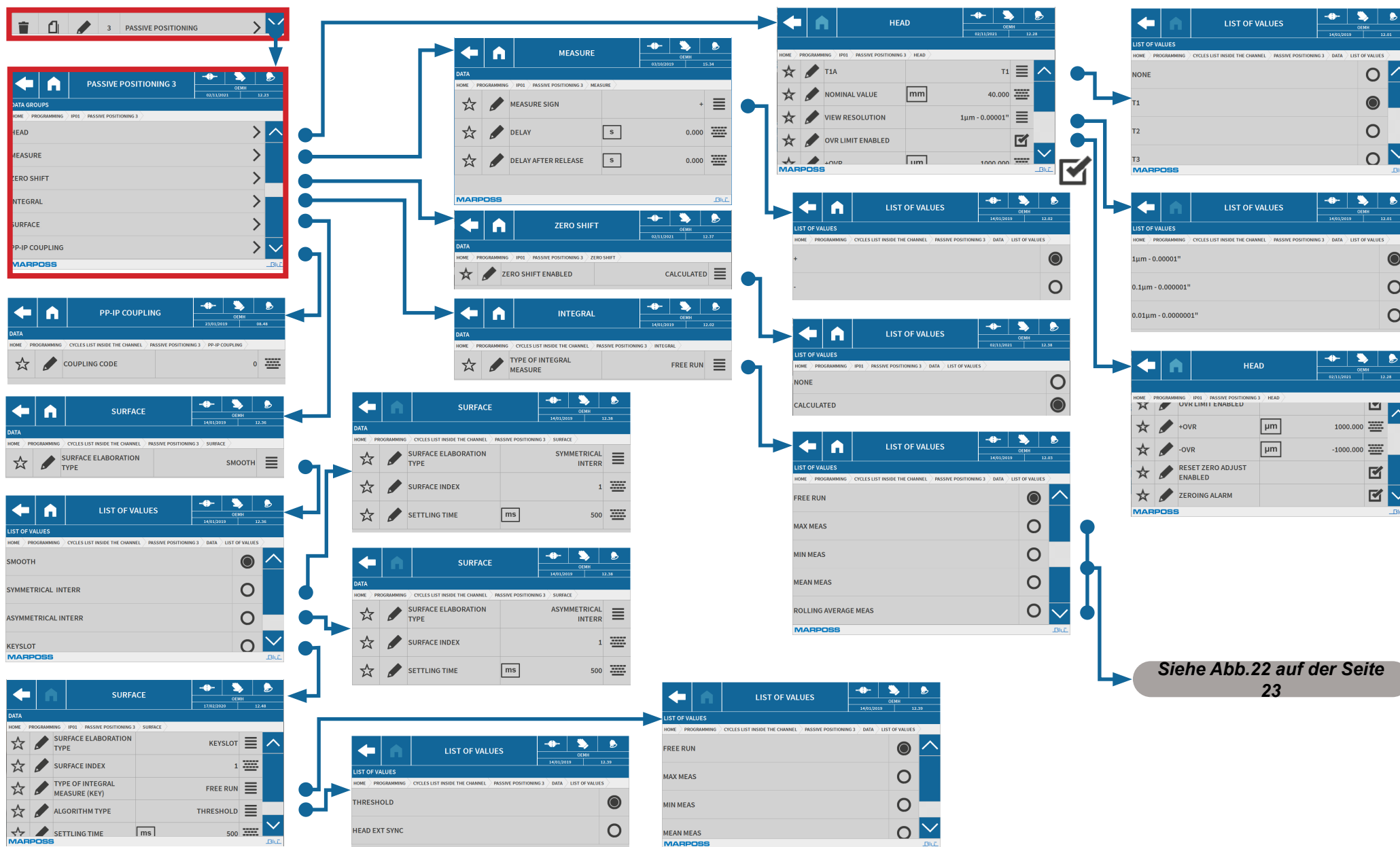


Abb.21. Menü Programming > In-Process (IPx) > Passive Positioning

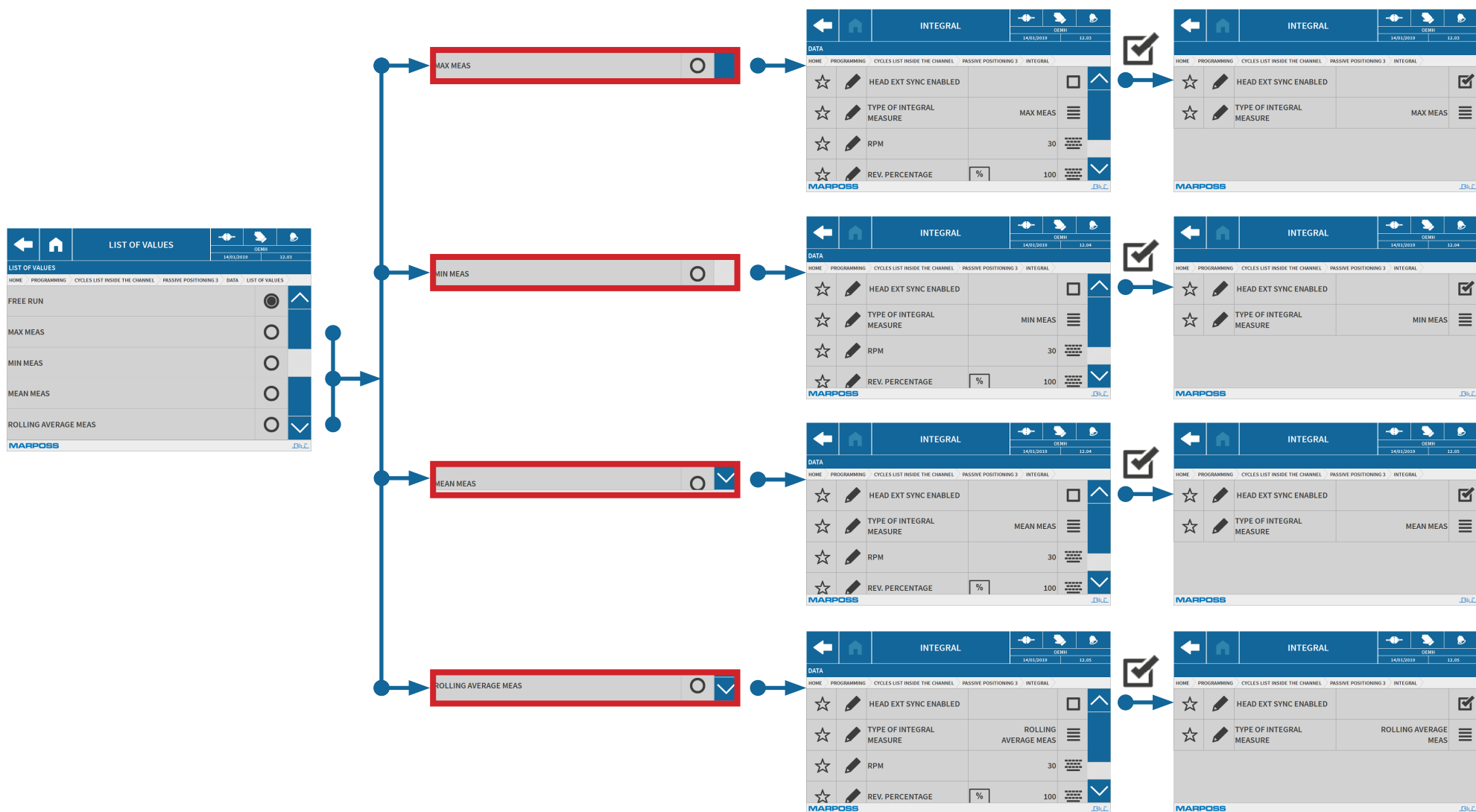


Abb.22. Menü Programming &gt; In-Process (IPx) &gt; Passive Positioning



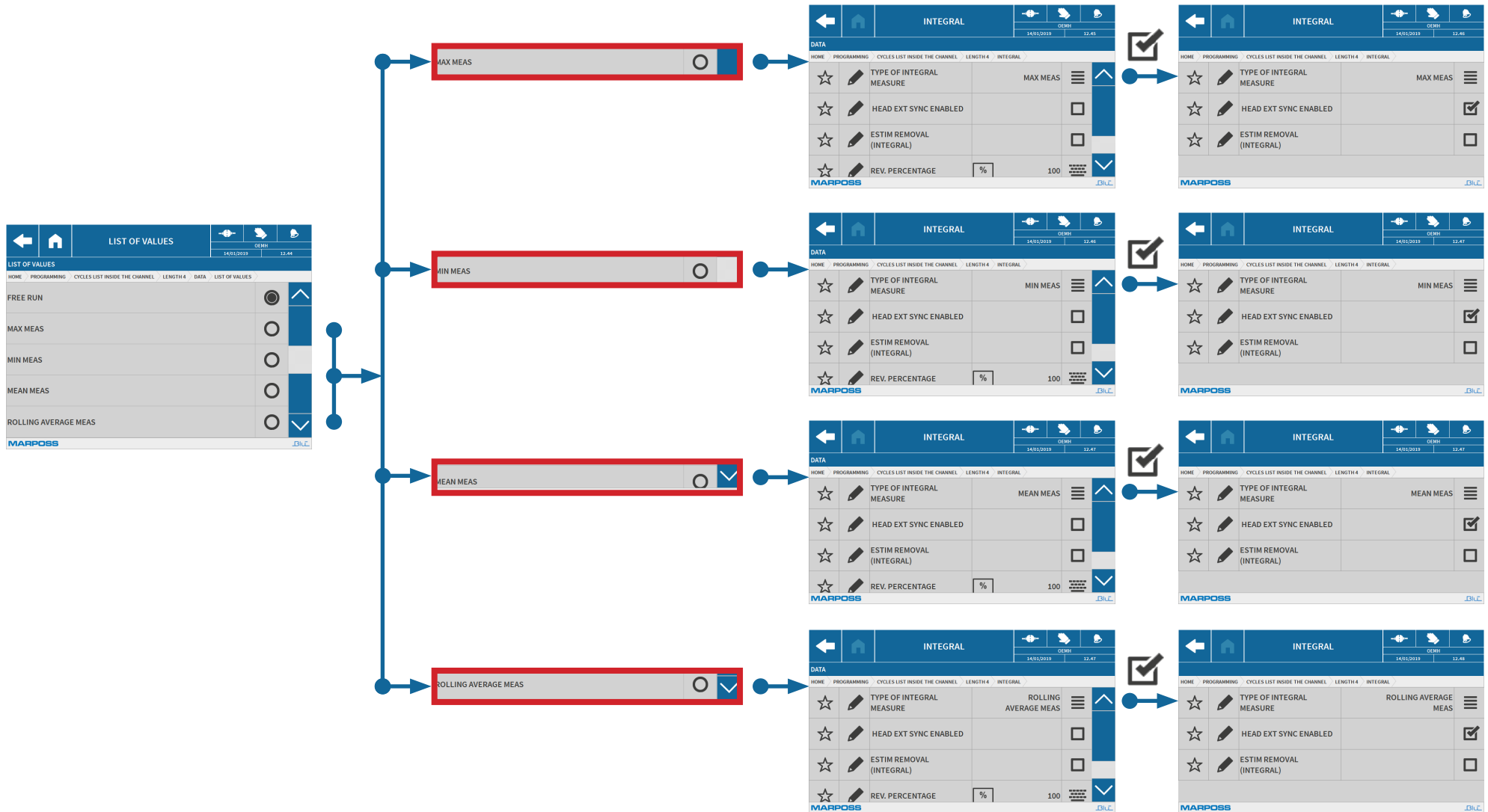


Abb.24. Menü Programming > In-Process (IPx) > Length

Siehe Abb.23 auf der Seite 24

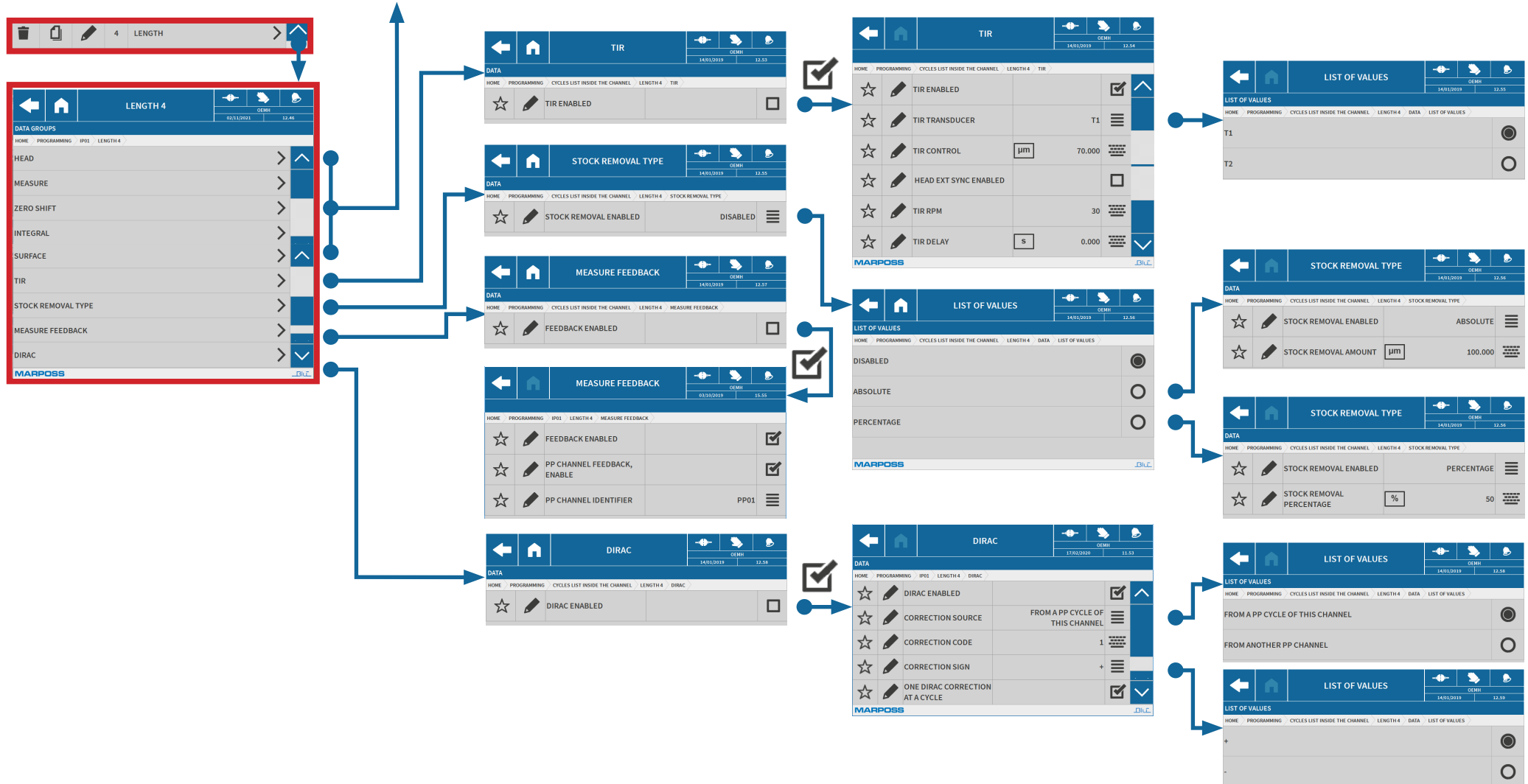


Abb.25. Menü Programming > In-Process (IPx) > Length

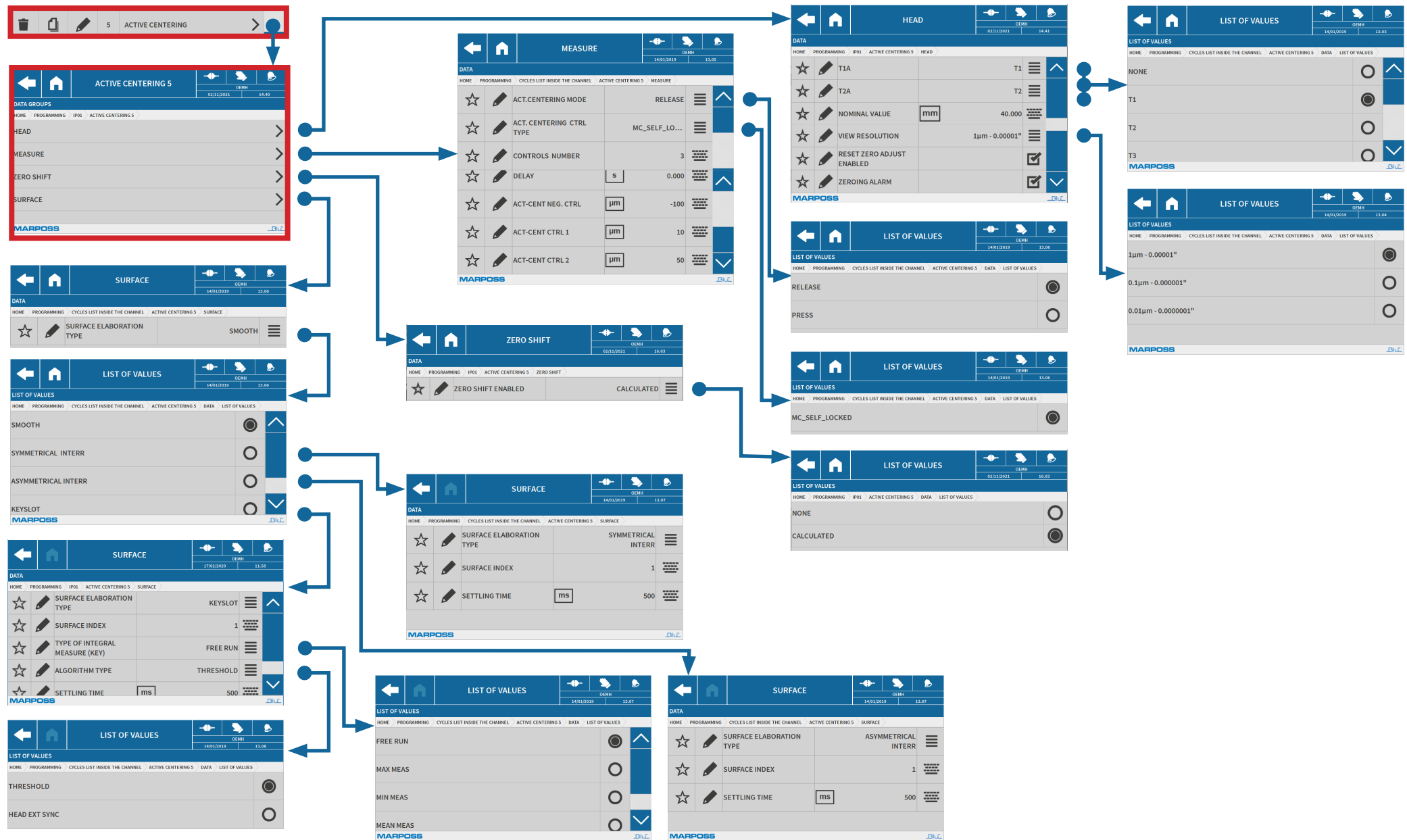
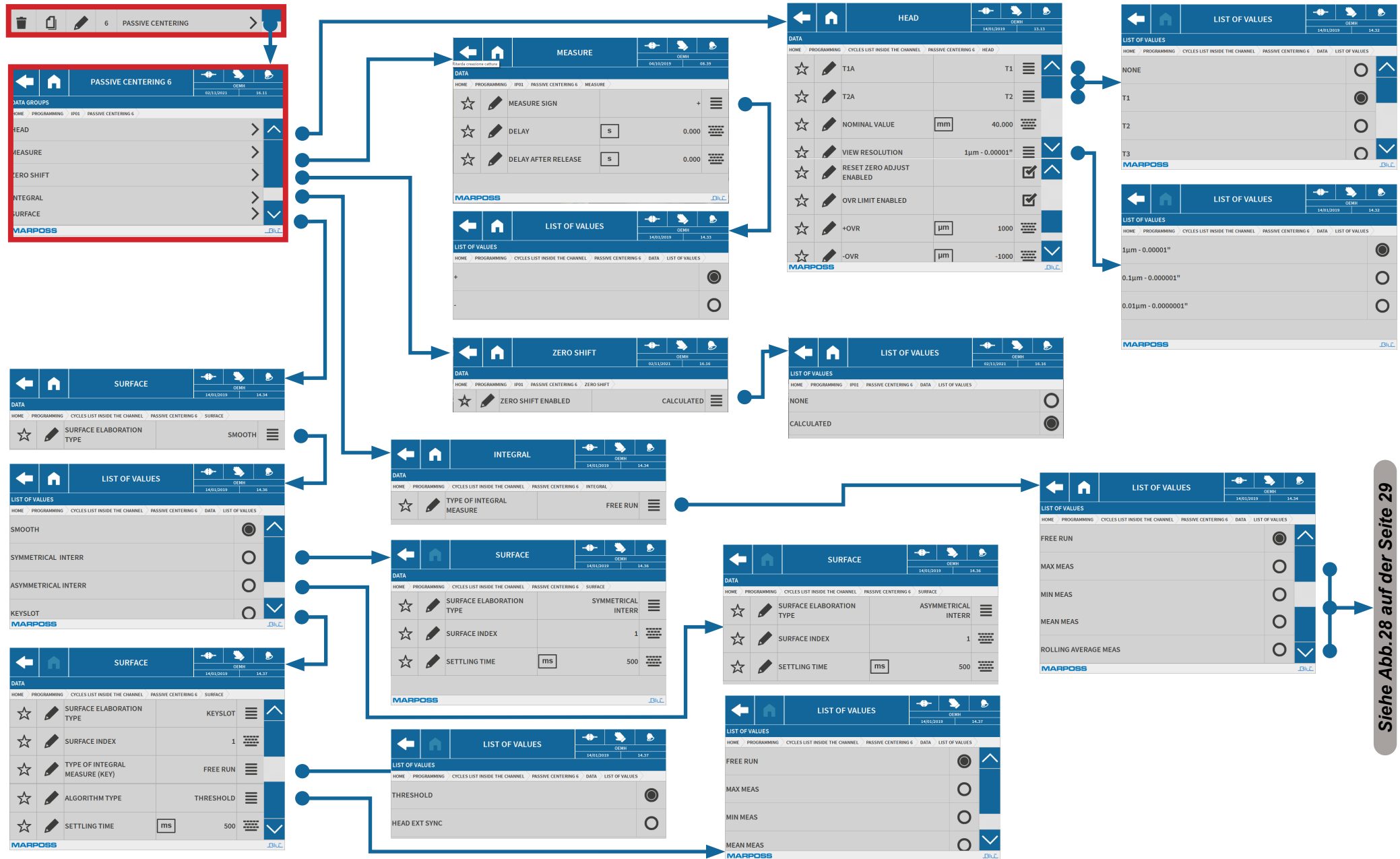


Abb.26. Menü Programming > In-Process (IPx) > Active Centering



Siehe Abb. 28 auf der Seite 29

Abb.27. Menü Programming &gt; In-Process (IPx) &gt; Passive Centering

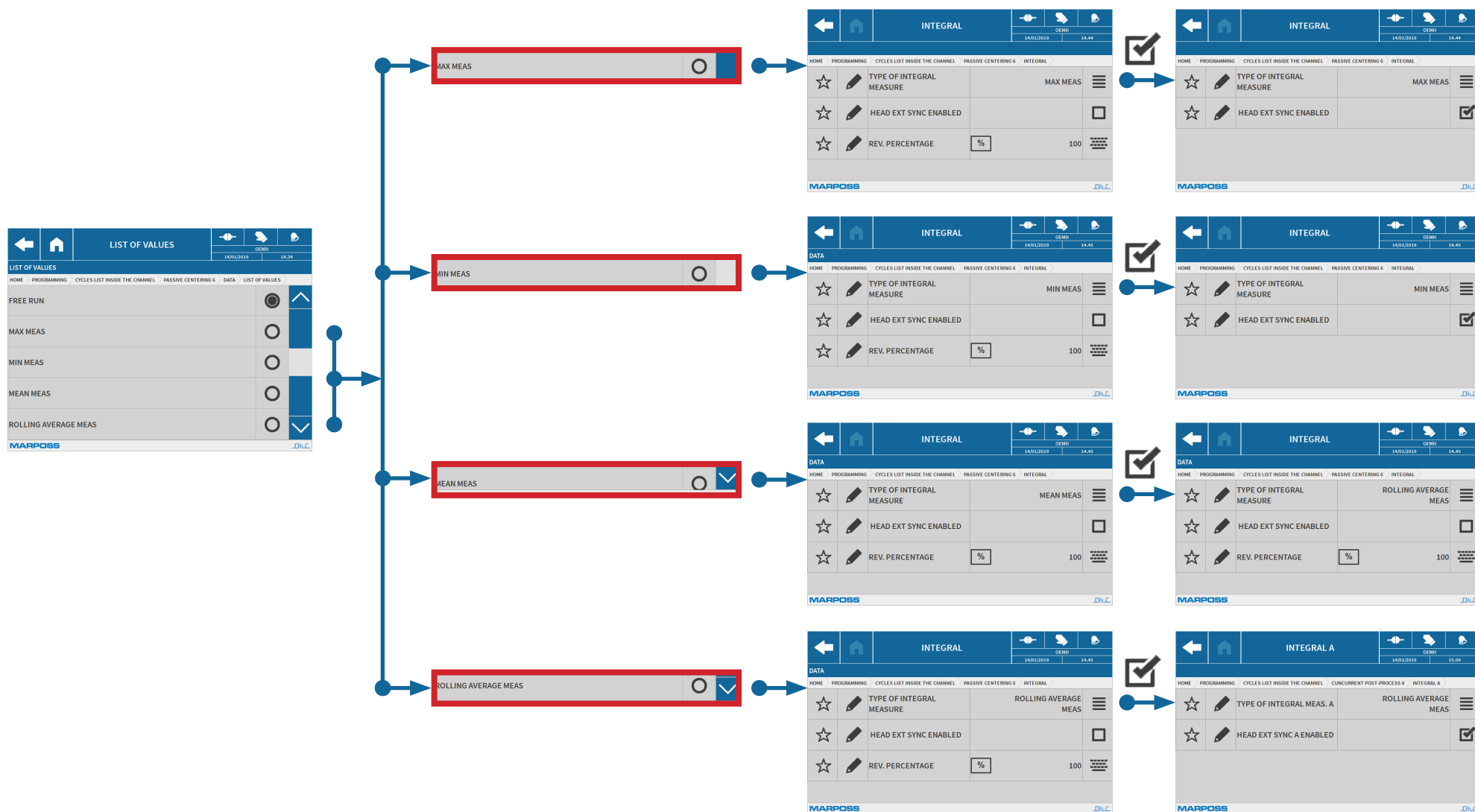
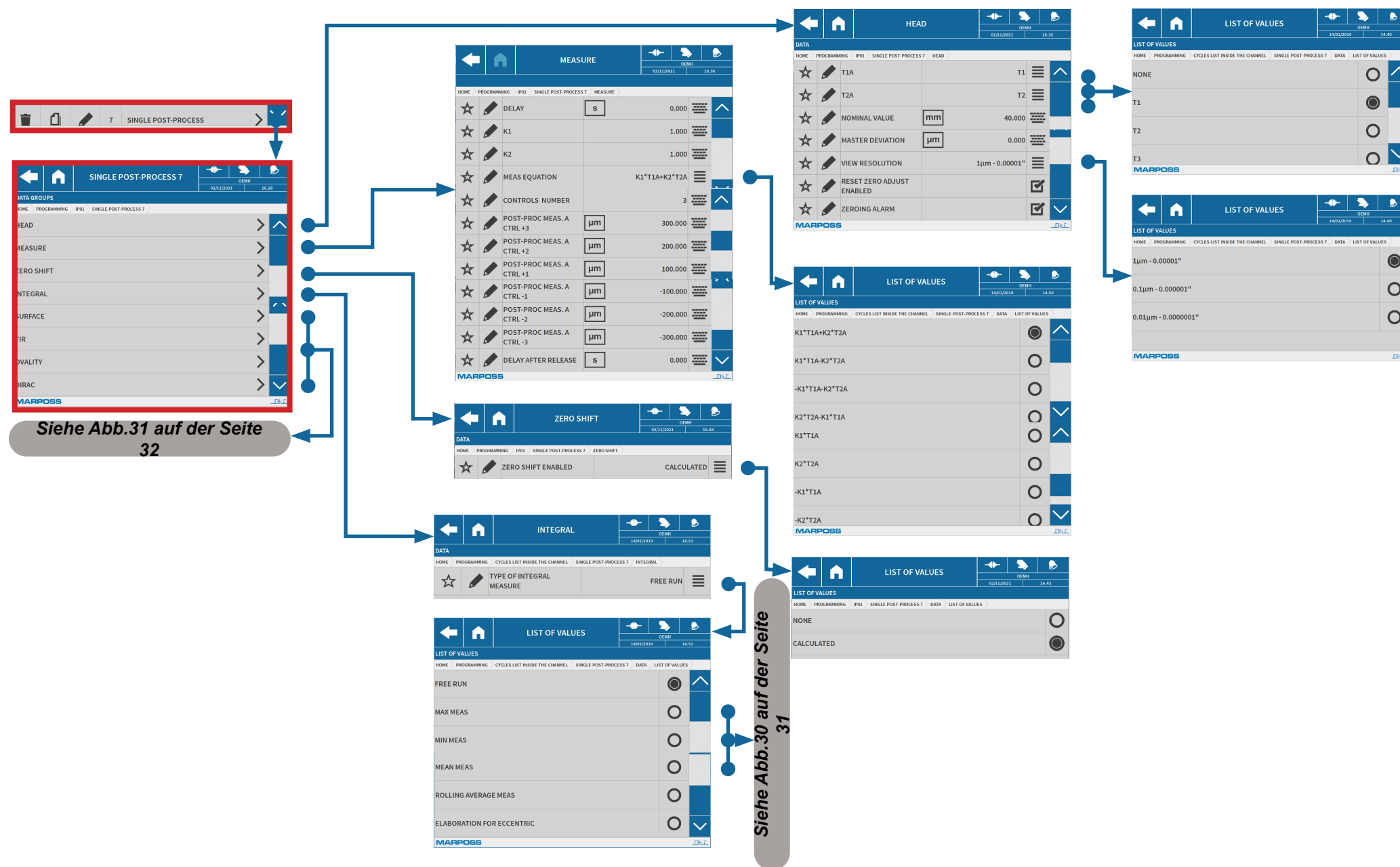


Abb.28. Menü Programming > In-Process (IPx) > Passive Centering



Siehe Abb.31 auf der Seite 32

Siehe Abb.30 auf der Seite 31

Abb.29. Menü Programming > In-Process (IPx) > Single Post Process

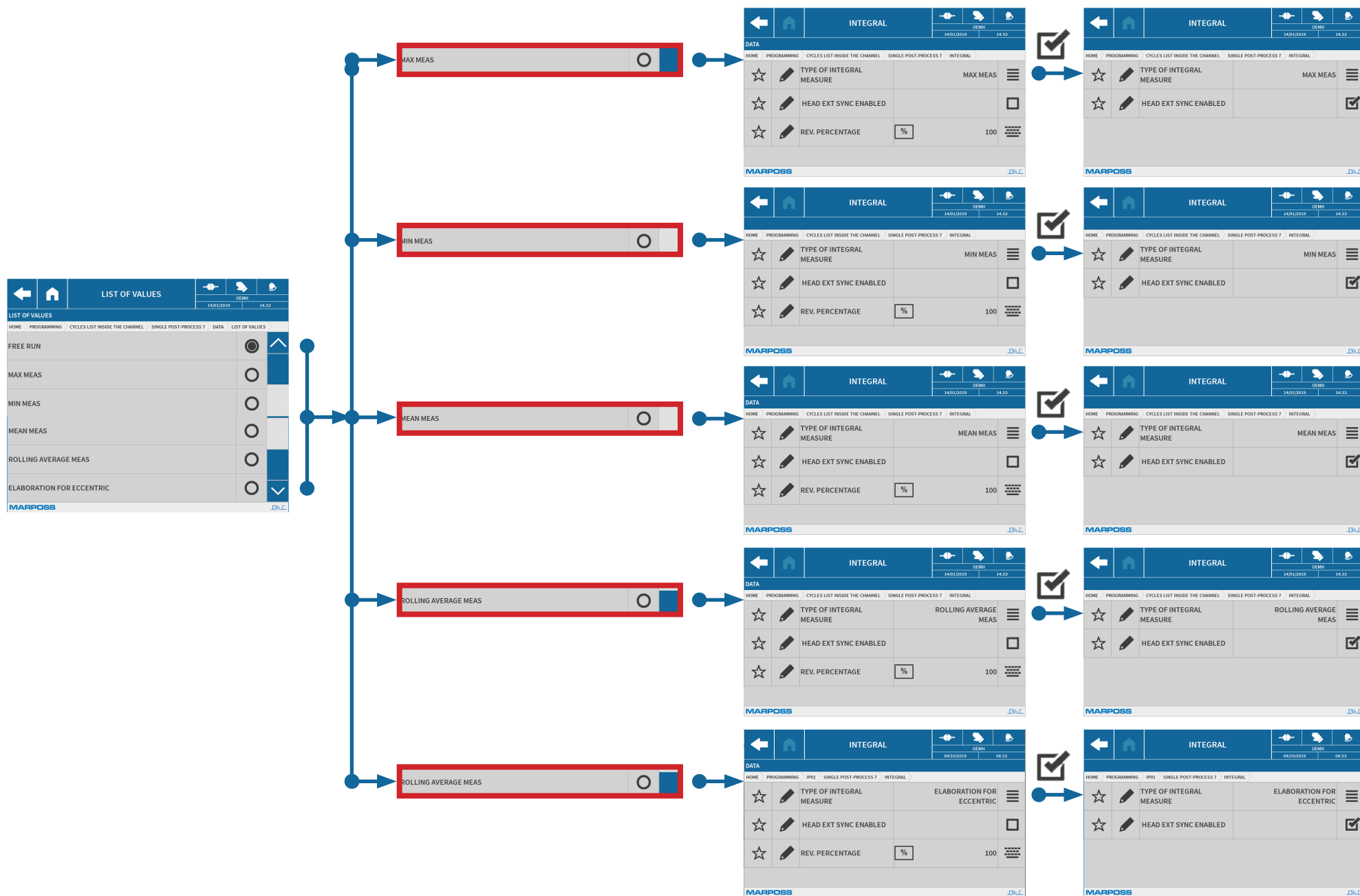


Abb.30. Menü Programming > In-Process (IPx) > Single Post Process

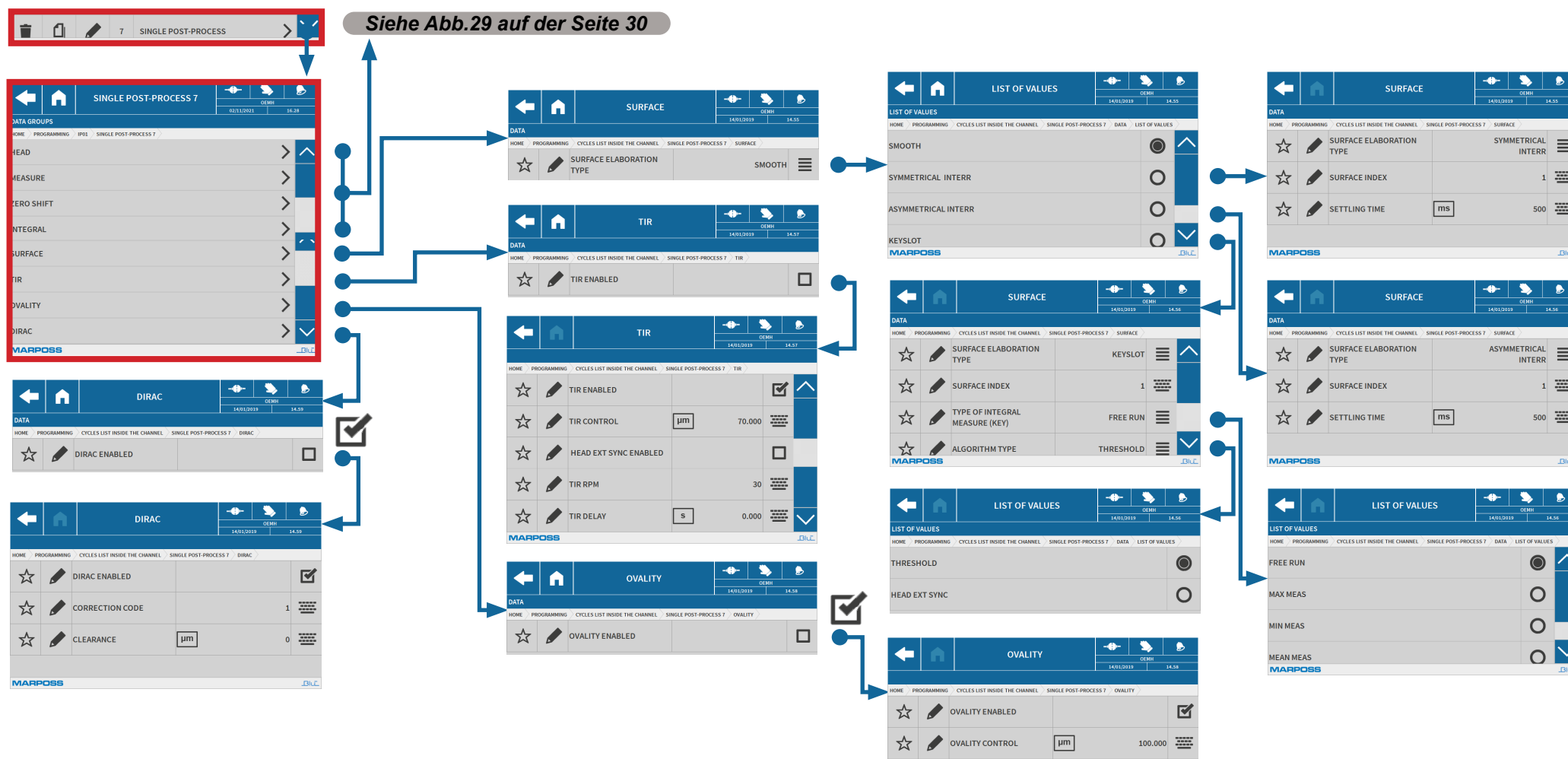


Abb.31. Menü Programming &gt; In-Process (IPx) &gt; Single Post Process

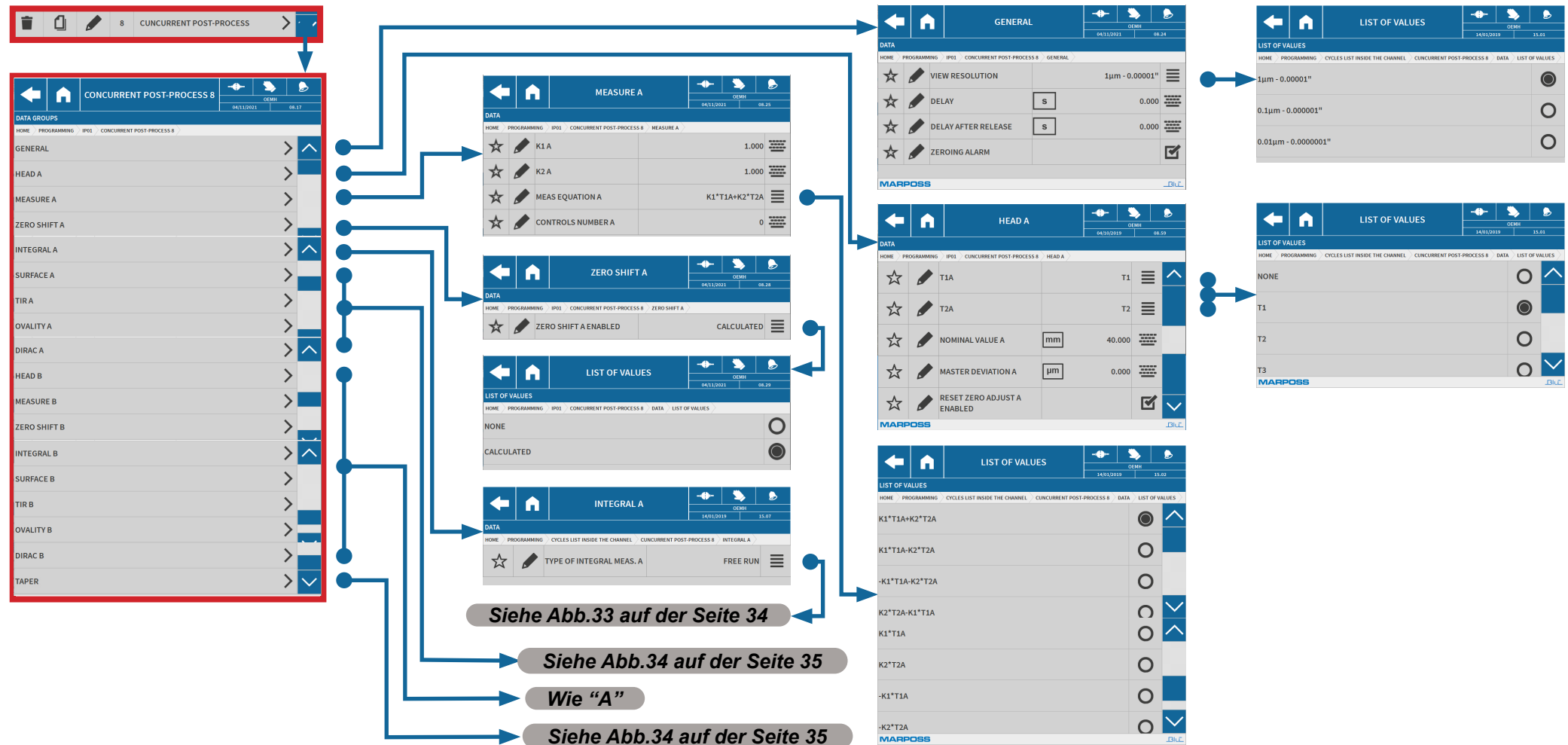


Abb.32. Menü Programming > In-Process (IPx) > Concurrent Post Process

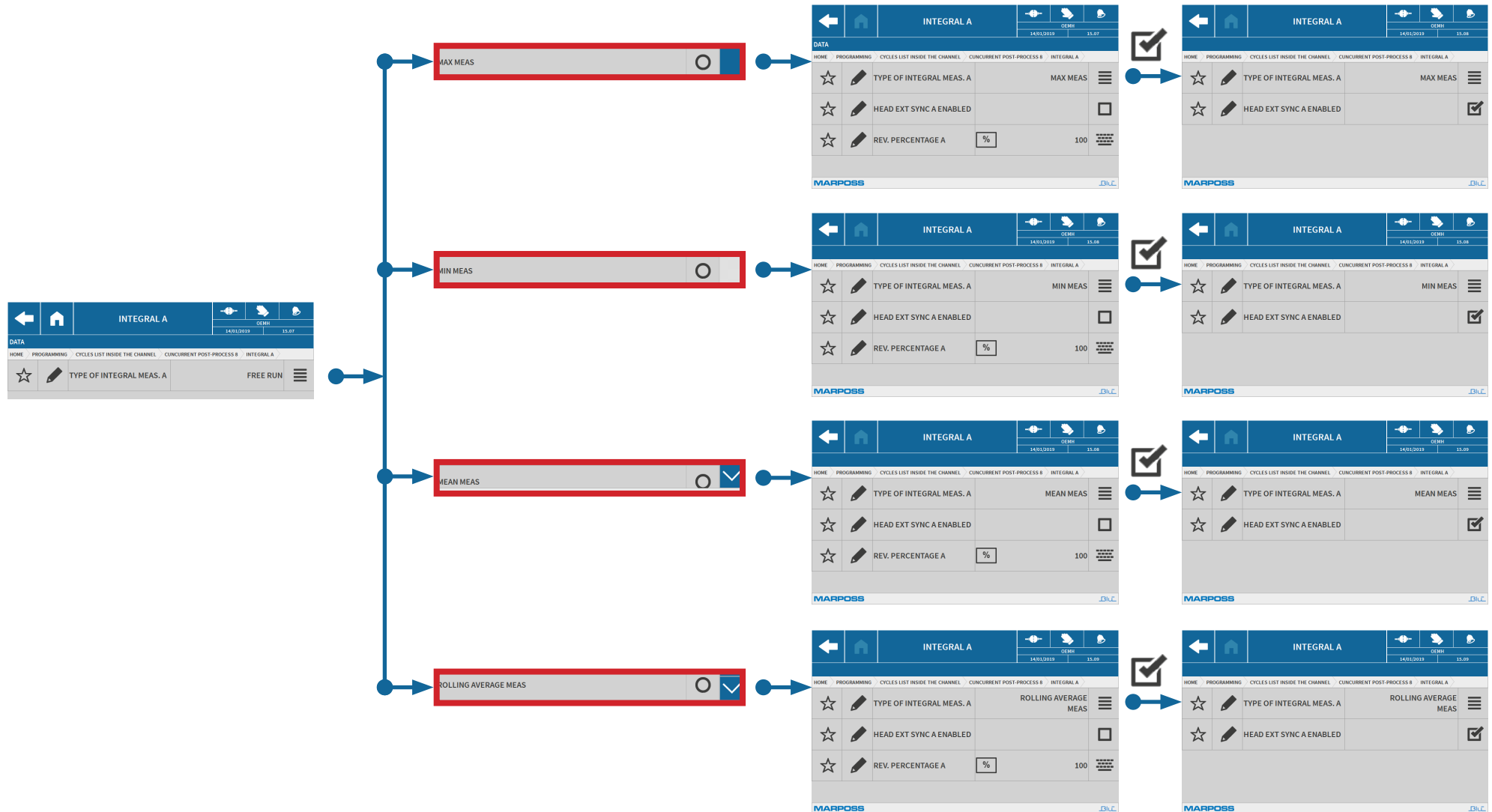


Abb.33. Menü Programming &gt; In-Process (IPx) &gt; Concurrent Post Process

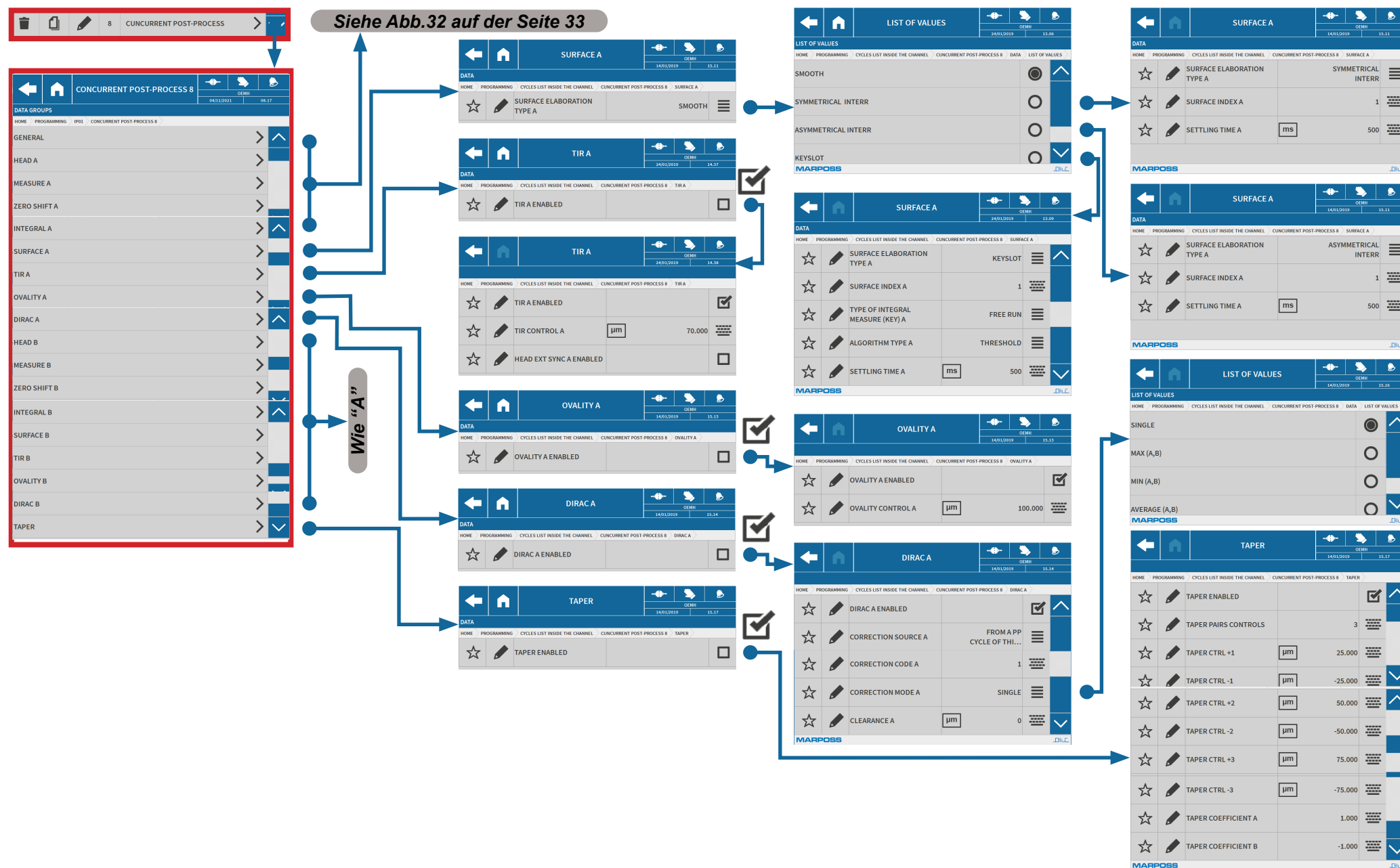


Abb.34. Menü Programming > In-Process (IPx) > Concurrent Post Process

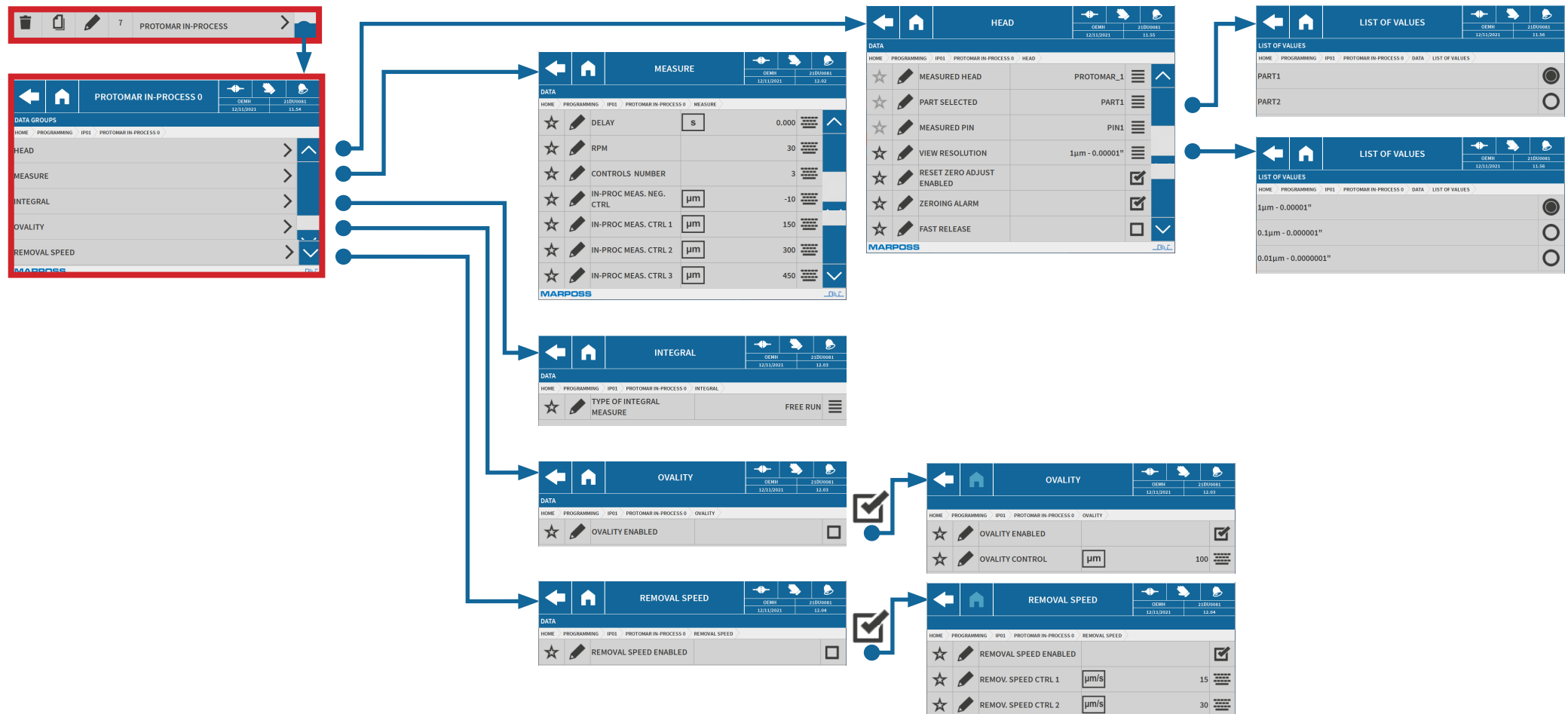


Abb.35. Menü Programming &gt; In-Process (IPx) &gt; Protomar In Process

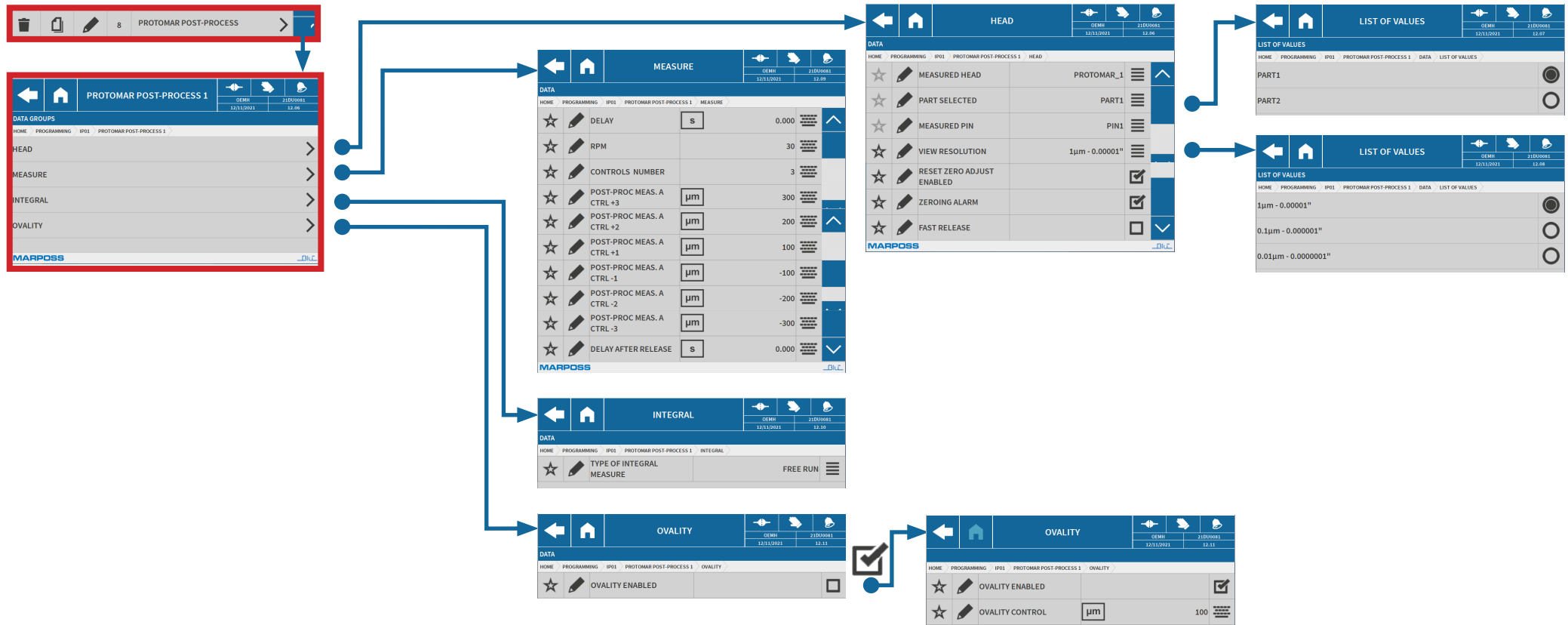


Abb.36. Menü Programming > In-Process (IPx) > Protomar Post Process

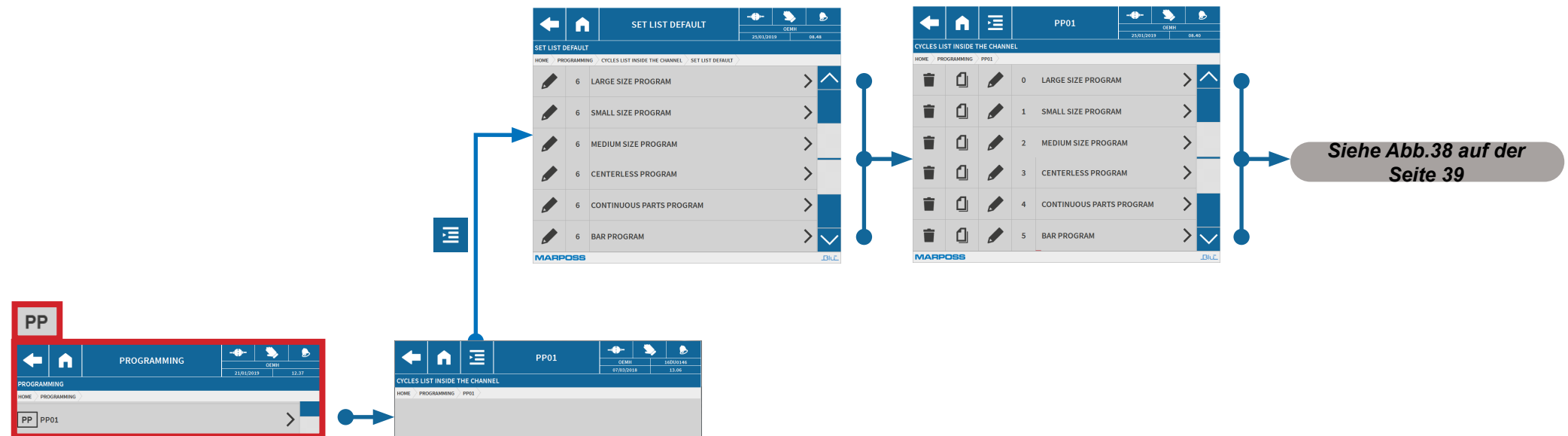
1.2.2 Post Process Menü *Siehe Kap. C2ME abs. 3.2*

Abb.37. Menü Programming &gt; Post-Process

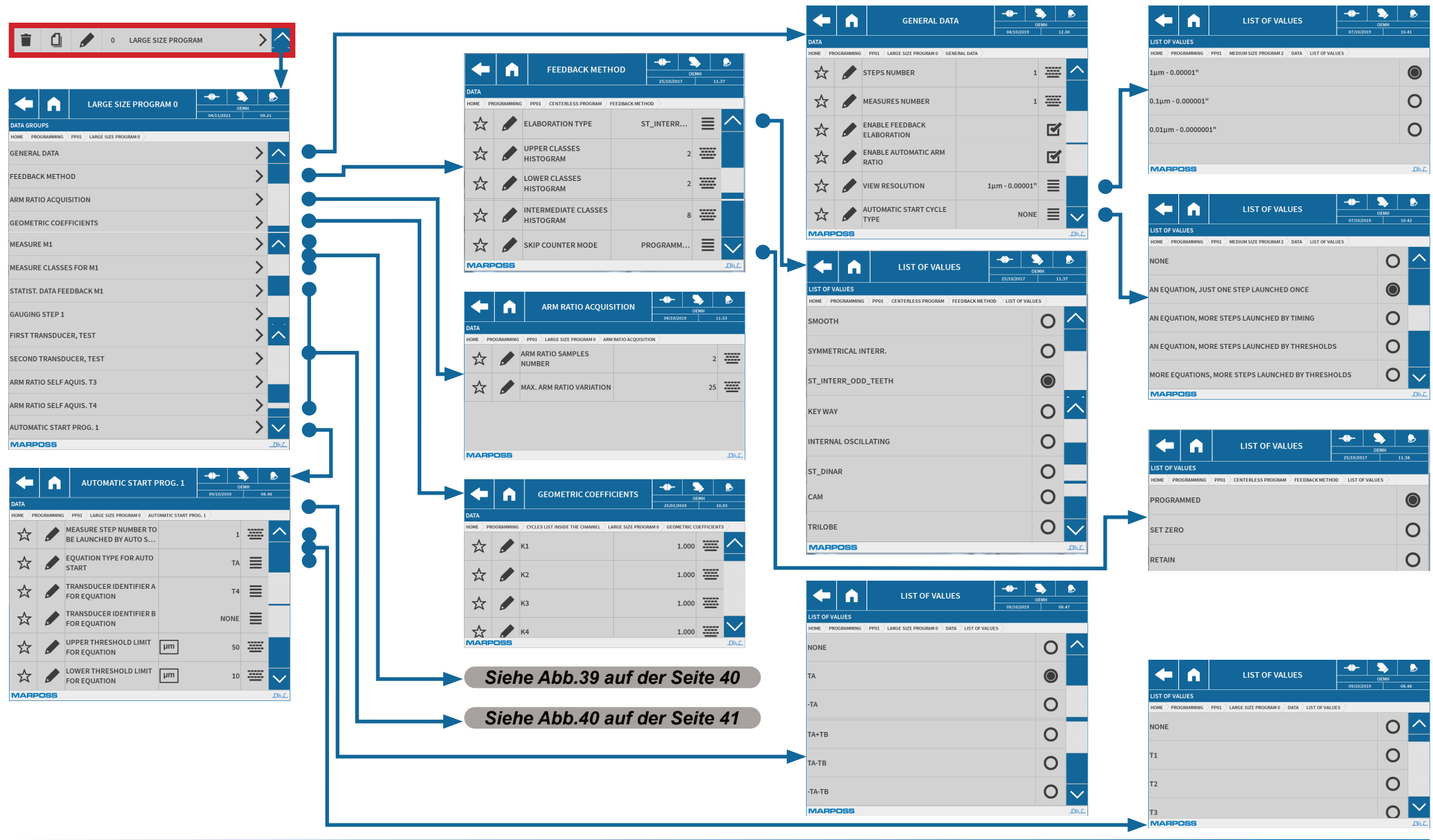


Abb.38. Menü Programming > Post-Process > Large Size Program

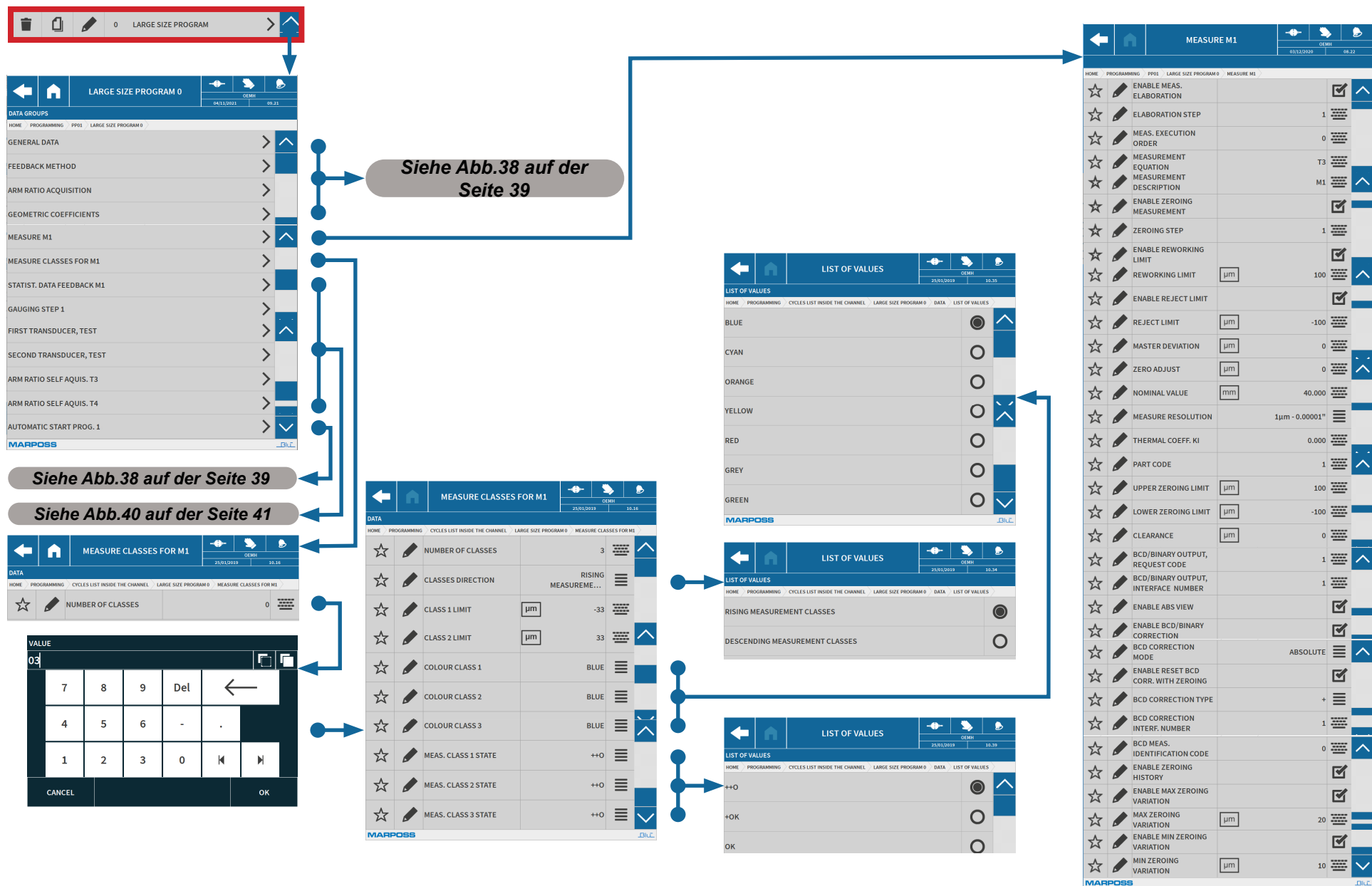


Abb.39. Menü Programming &gt; Post-Process &gt; Large Size Program





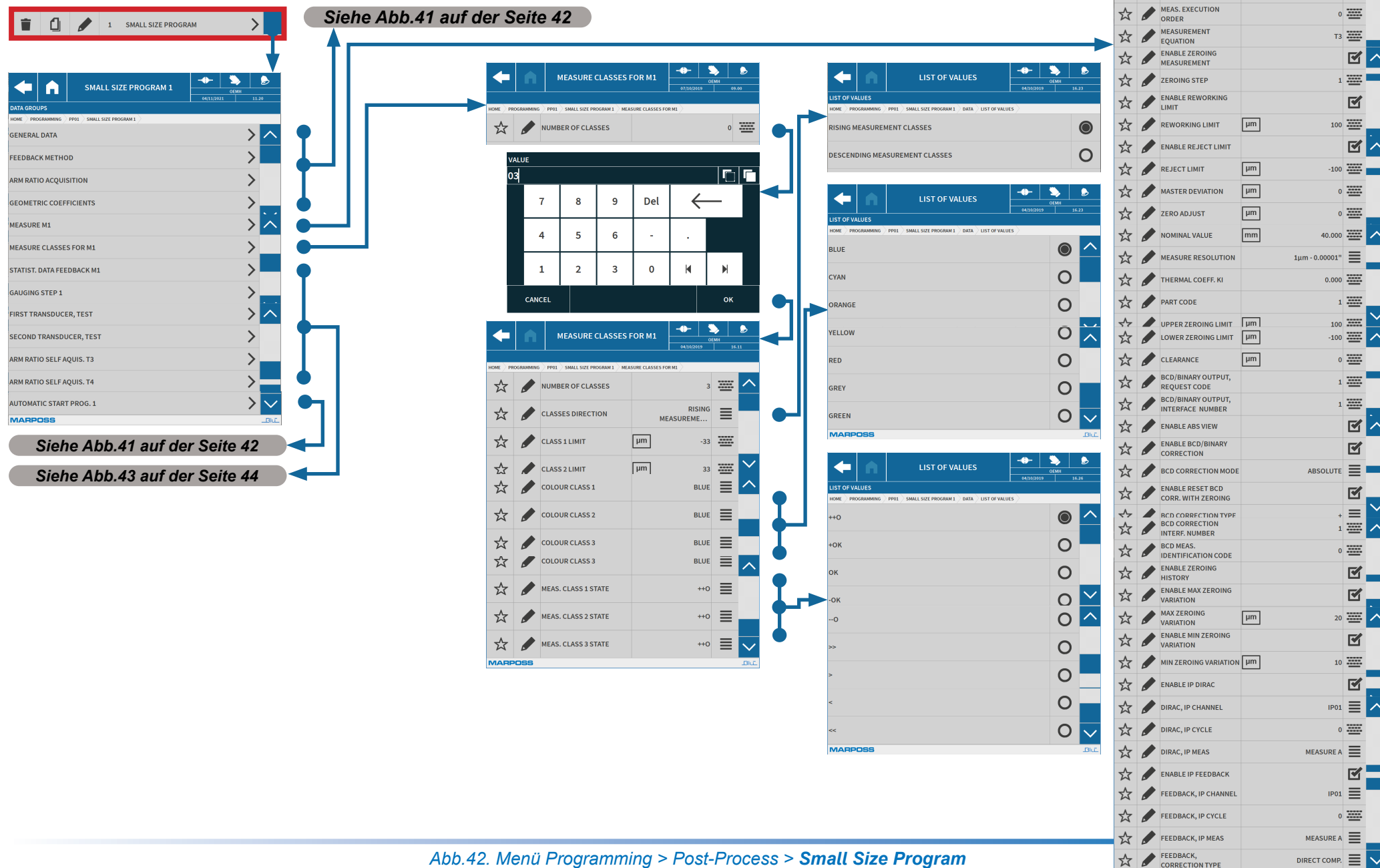


Abb.42. Menü Programming > Post-Process > Small Size Program

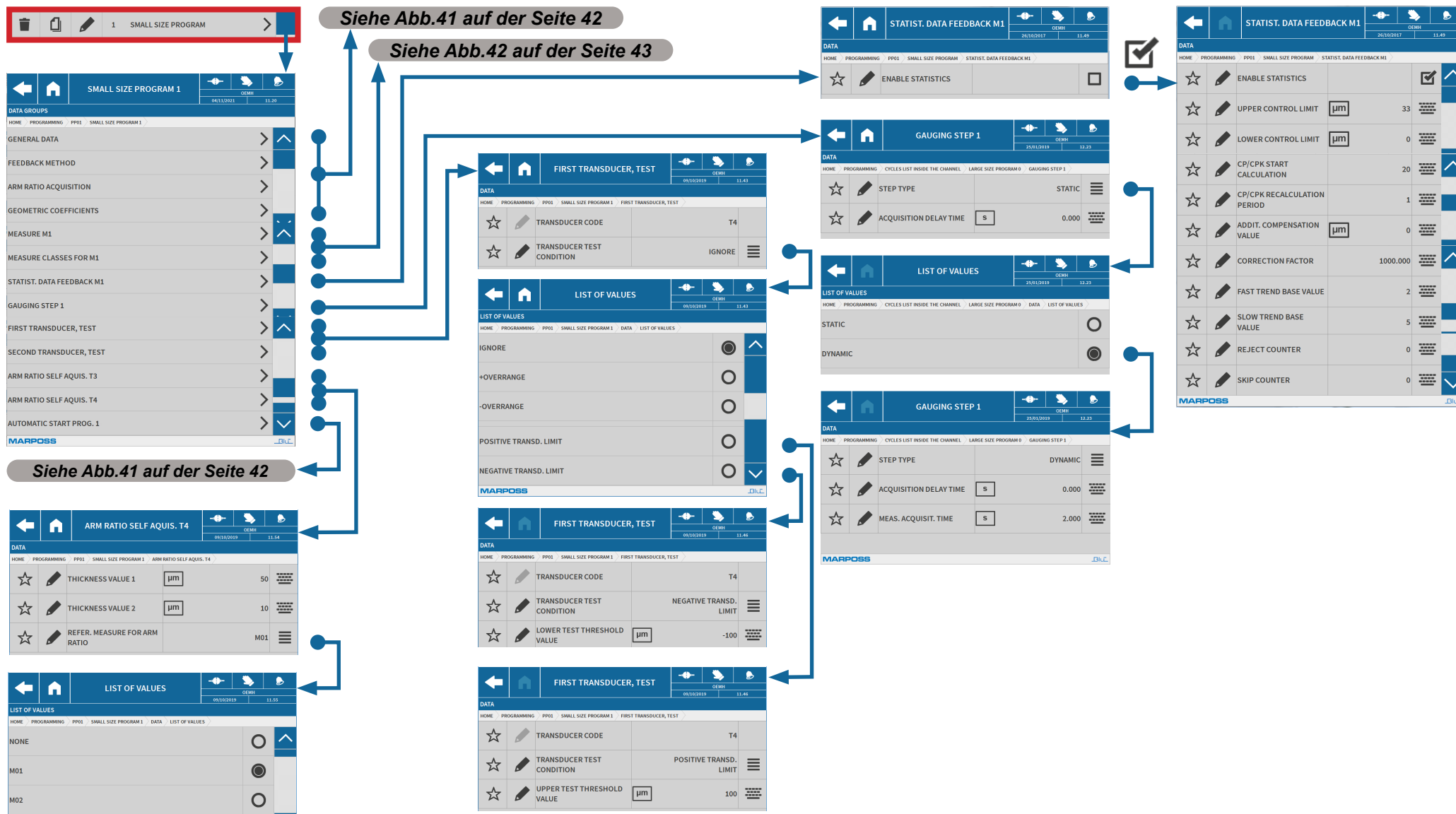


Abb.43. Menü Programming &gt; Post-Process &gt; Small Size Program



Abb.44. Menü Programming &gt; Post-Process &gt; Medium Size Program

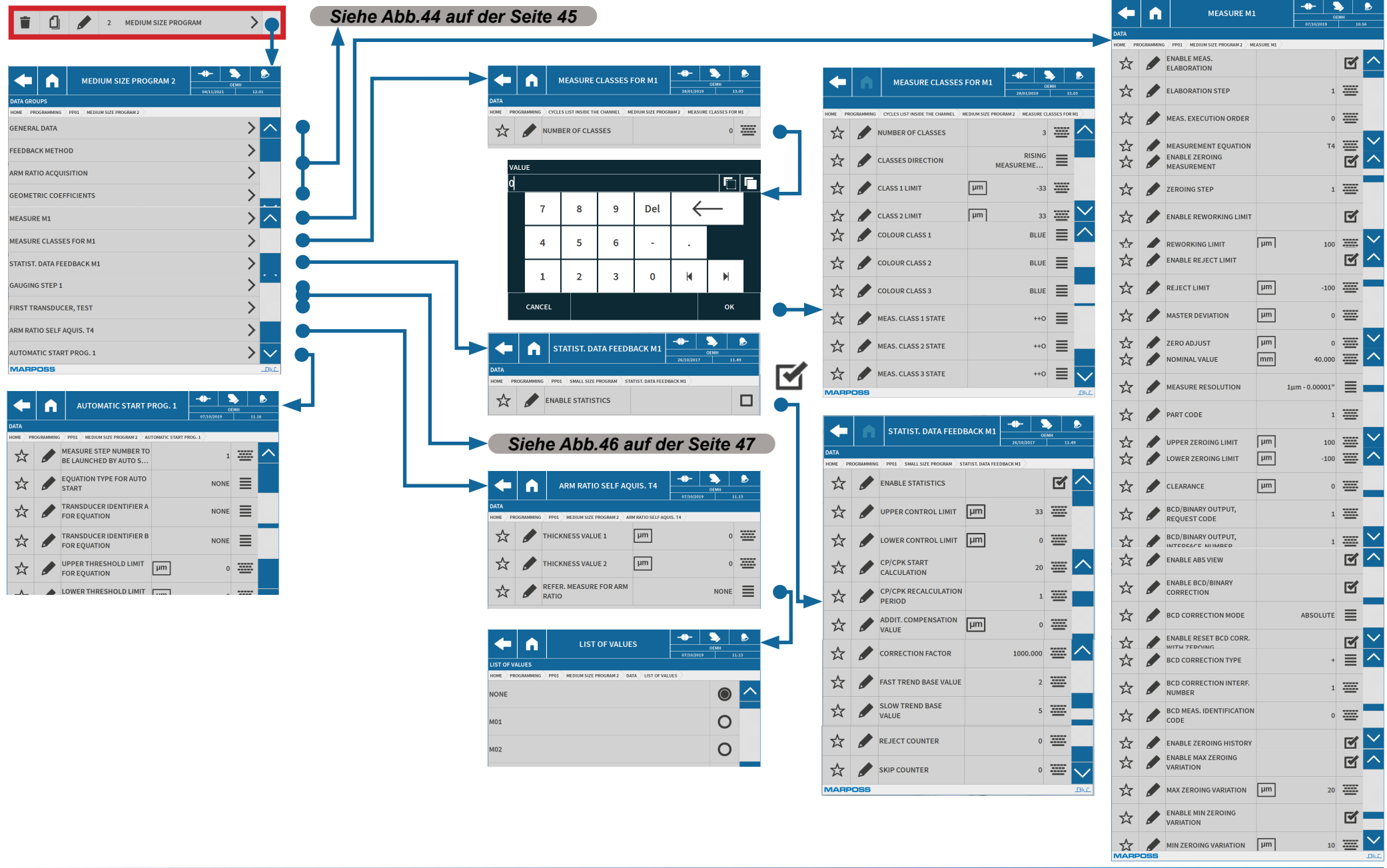


Abb.45. Menü Programming &gt; Post-Process &gt; Medium Size Program

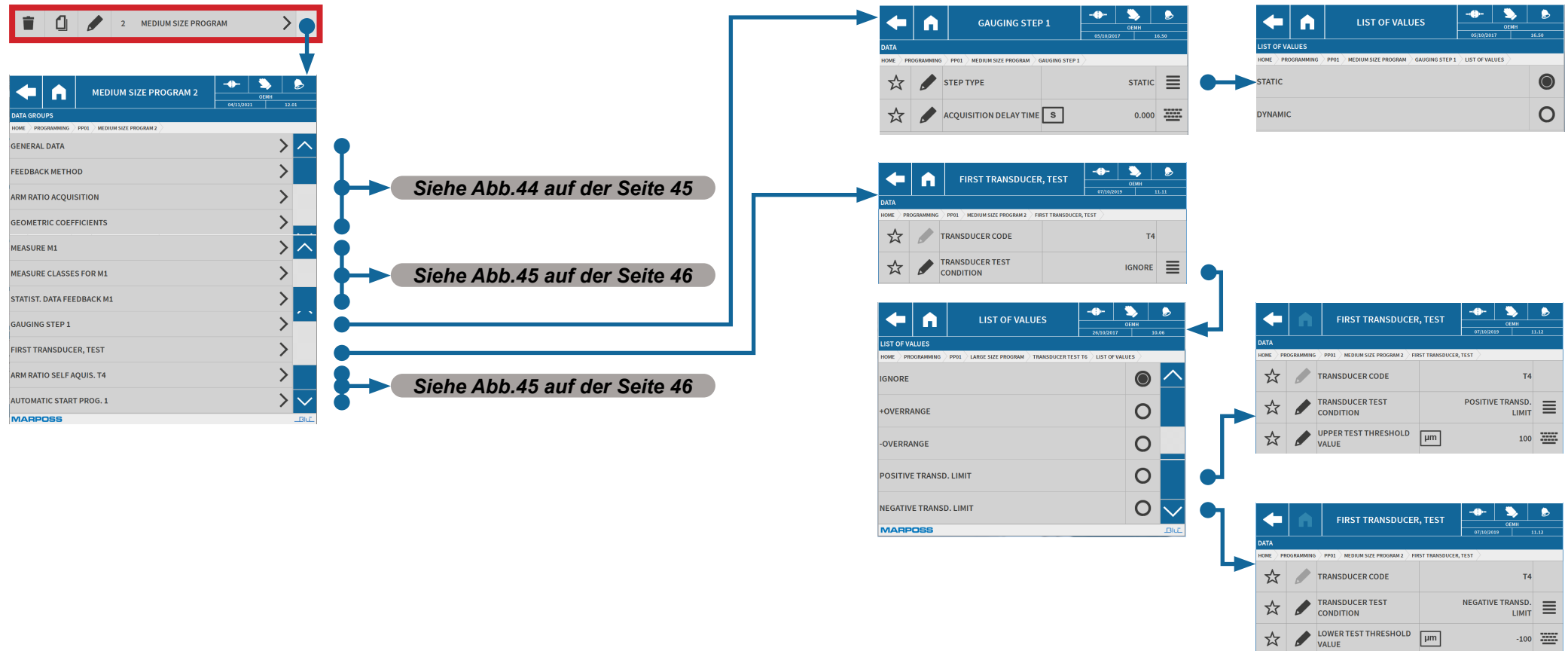


Abb.46. Menü Programming &gt; Post-Process &gt; Medium Size Program

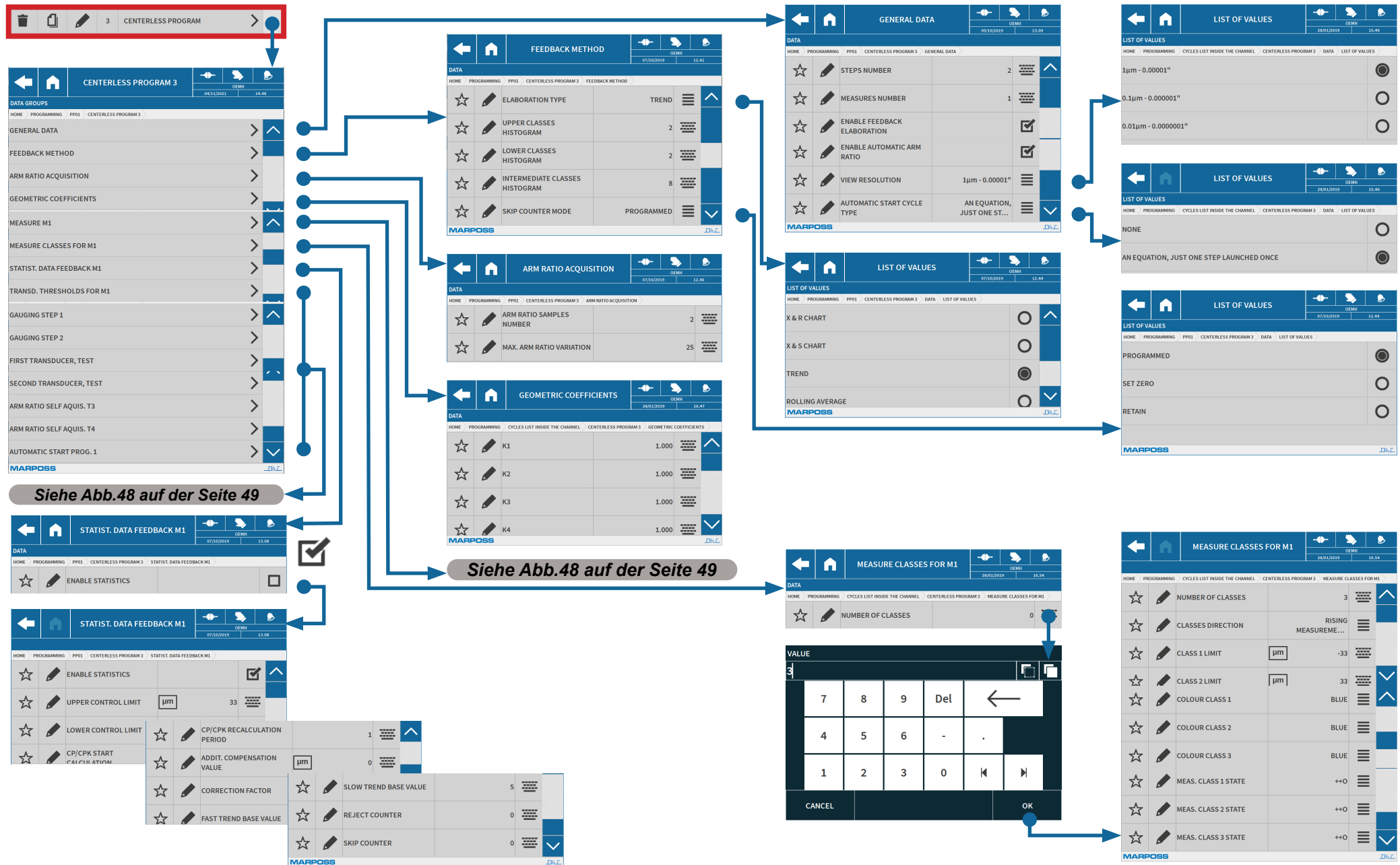


Abb.47. Menü Programming &gt; Post-Process &gt; Centerless Program

**3 CENTERLESS PROGRAM**

**Siehe Abb.47 auf der Seite 48**

**Siehe Abb.47 auf der Seite 48**

**Siehe Abb.49 auf der Seite 50**

**MEASURE M1**

**DATA**

HOME	PROGRAMMING	PP01	CENTERLESS PROGRAM 3	MEASURE M1
★	✎	ENABLE MEAS. ELABORATION		<input checked="" type="checkbox"/>
★	✎	ELABORATION STEP	1	
★	✎	MEAS. EXECUTION ORDER		
★	✎	MEASUREMENT DESCRIPTION	M1	
★	✎	ENABLE ZEROING MEASUREMENT		<input checked="" type="checkbox"/>
★	✎	ZEROING STEP		
★	✎	TYPE OF INTEGRAL MEASURE		
★	✎	ALGORITHM TYPE		
★	✎	THRESHOLD	μm	5
★	✎	SAMPLE TIME	m	
★	✎	ENABLE REWORKING LIMIT		
★	✎	REWORKING LIMIT	μm	100
★	✎	ENABLE REJECT LIMIT		<input checked="" type="checkbox"/>
★	✎	REJECT LIMIT		
★	✎	MASTER DEVIATION		
★	✎	ZERO ADJUST	μm	0
★	✎	NOMINAL VALUE	mm	40.000
★	✎	MEASURE RESOLUTION	1 μm - 0.00001"	
★	✎	THERMAL COEFF. KI		0.000
★	✎	PART CODE		1
★	✎	UPPER ZEROING LIMIT	μm	100
★	✎	LOWER ZEROING LIMIT	μm	-100
★	✎	BCD/BINARY OUTPUT, REQUEST CODE		1
★	✎	BCD/BINARY OUTPUT, INTERFACE NUMBER		1
★	✎	ENABLE ABS VIEW		<input checked="" type="checkbox"/>
★	✎	ENABLE BCD/BINARY CORRECTION		<input checked="" type="checkbox"/>
★	✎	BCD CORRECTION MODE		ABSOLUTE
★	✎	ENABLE RESET BCD CORR. WITH ZEROING		<input checked="" type="checkbox"/>
★	✎	BCD CORRECTION TYPE		+
★	✎	BCD CORRECTION INTERF. NUMBER		1
★	✎	BCD MEAS. IDENTIFICATION CODE		0
★	✎	ENABLE ZEROING HISTORY		<input checked="" type="checkbox"/>
★	✎	ENABLE MAX ZEROING VARIATION		<input checked="" type="checkbox"/>
★	✎	MAX ZEROING VARIATION	μm	20
★	✎	ENABLE MIN ZEROING VARIATION		<input checked="" type="checkbox"/>
★	✎	MIN ZEROING VARIATION	μm	10

**TRANSD. THRESHOLDS FOR M1**

**DATA**

HOME	PROGRAMMING	PP01	CENTERLESS PROGRAM 3	TRANSD. THRESHOLDS FOR M1
★	✎	ENABLE THRESHOLD, FIRST TRANSDUCER		<input checked="" type="checkbox"/>
★	✎	STEP TYPE		
★	✎	ACQUISITION DELAY TIME	s	0.000
★	✎	ENABLE MEAS. ACQUISIT. TIME		<input checked="" type="checkbox"/>
★	✎	MEAS. OBSCURATION TIME	s	0.000

**GAUGING STEP 1**

**DATA**

HOME	PROGRAMMING	PP01	CENTERLESS PROGRAM 3	GAUGING STEP 1
★	✎	STEP TYPE		VARIABLE LENGTH
★	✎	ACQUISITION DELAY TIME	s	0.000
★	✎	ENABLE MEAS. ACQUISIT. TIME		<input checked="" type="checkbox"/>
★	✎	MEAS. OBSCURATION TIME	s	0.000

**GAUGING STEP 2**

**DATA**

HOME	PROGRAMMING	PP01	CENTERLESS PROGRAM 3	GAUGING STEP 2
★	✎	STEP TYPE		STATIC
★	✎	ACQUISITION DELAY TIME	s	0.000

**FIRST TRANSDUCER, TEST**

**DATA**

HOME	PROGRAMMING	PP01	CENTERLESS PROGRAM 3	FIRST TRANSDUCER, TEST
★	✎	TRANSDUCER CODE		T4
★	✎	TRANSDUCER TEST CONDITION		IGNORE

**LIST OF VALUES**

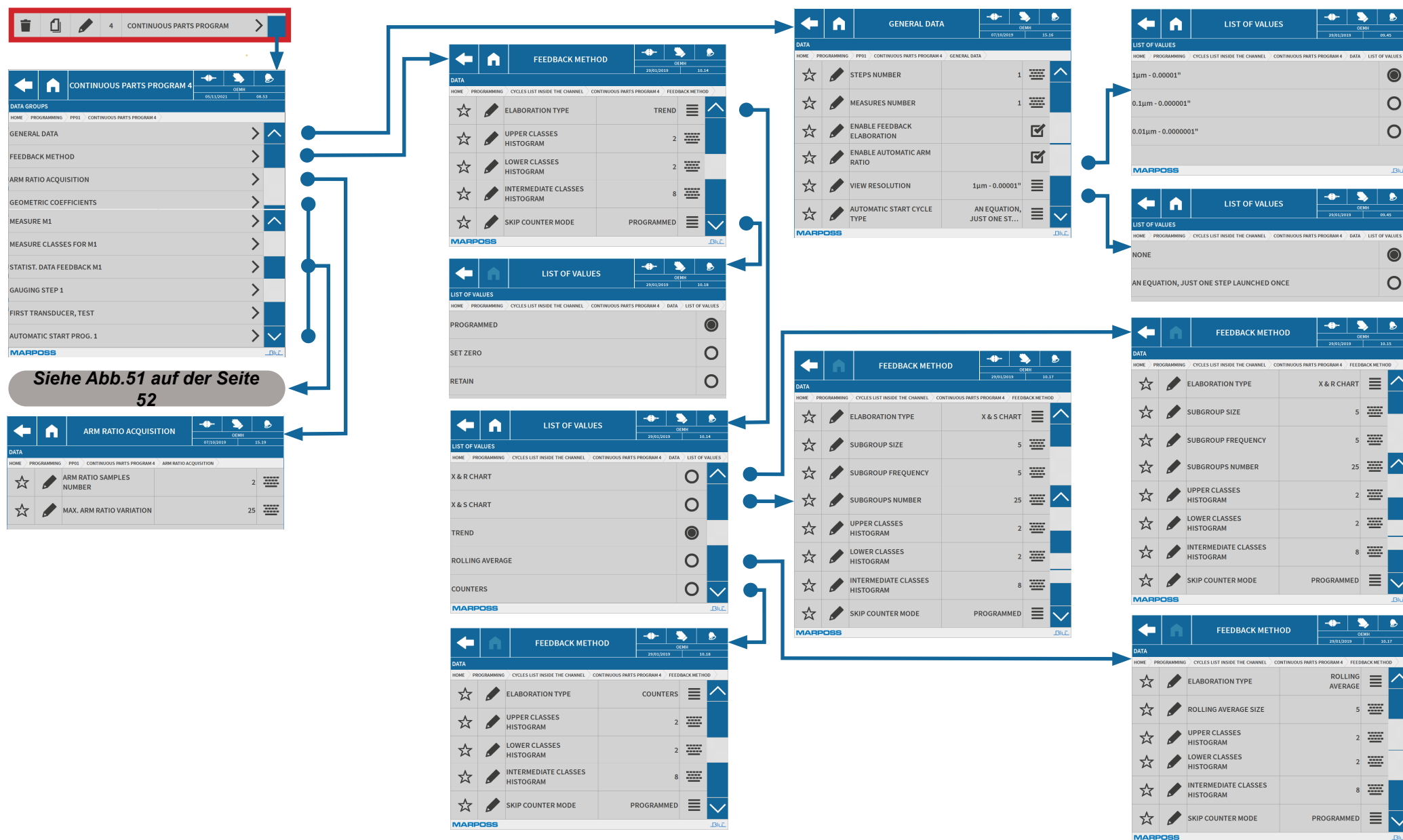
**LIST OF VALUES**

HOME	PROGRAMMING	PP01	CENTERLESS PROGRAM 3	DATA	LIST OF VALUES
					IGNORE
					+OVERRANGE
					-OVERRANGE
					POSITIVE TRANSD. LIMIT
					NEGATIVE TRANSD. LIMIT

Abb.48. Menü Programming > Post-Process > Centerless Program



Abb.49. Menü Programming &gt; Post-Process &gt; Centerless Program



Siehe Abb.51 auf der Seite 52

Abb.50. Menü Programming > Post-Process > Continuous Parts Program

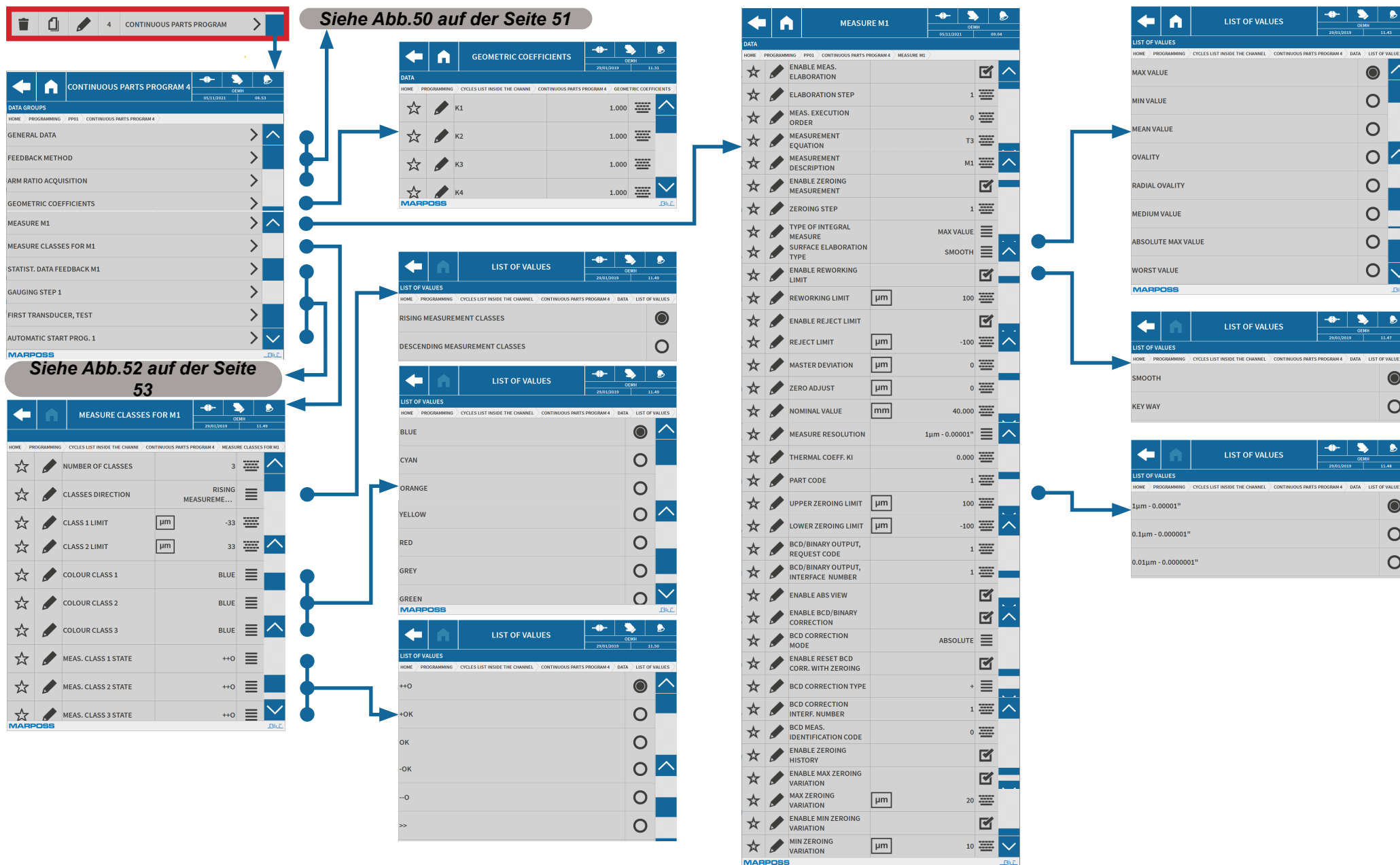


Abb.51. Menü Programming &gt; Post-Process &gt; Continuous Parts Program

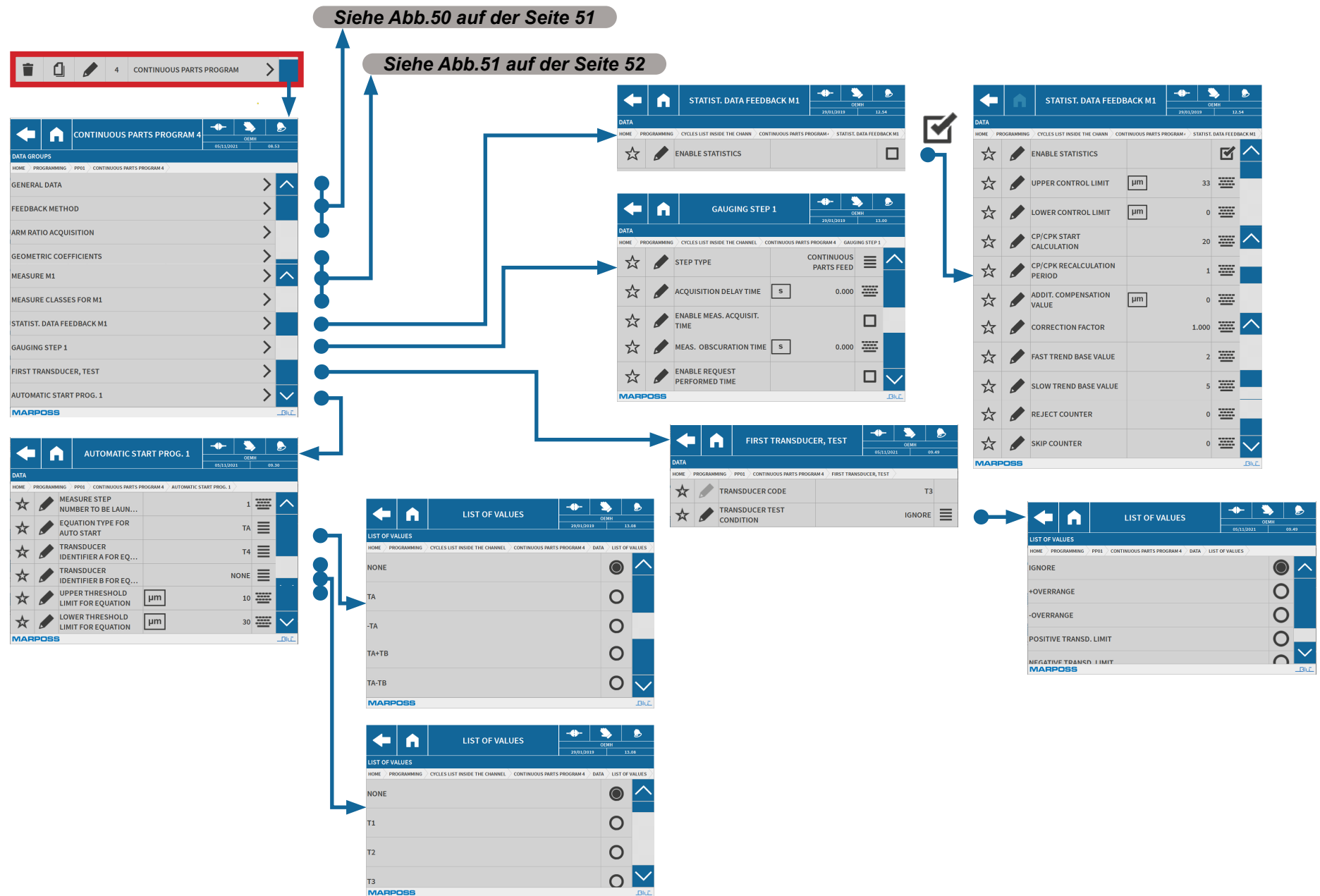


Abb.52. Menü Programming > Post-Process > Continuous Parts Program

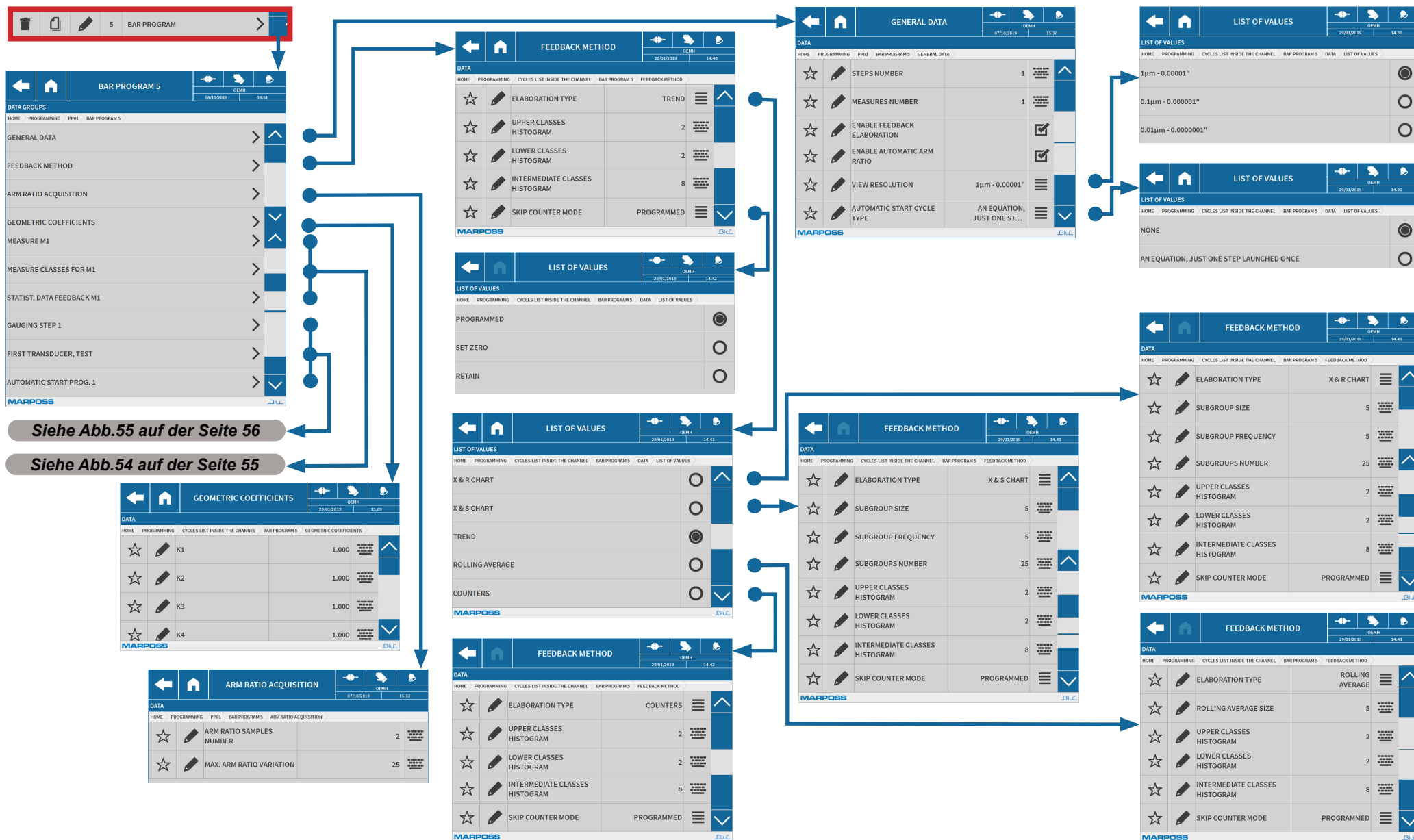


Abb.53. Menü Programming &gt; Post-Process &gt; Bar Program

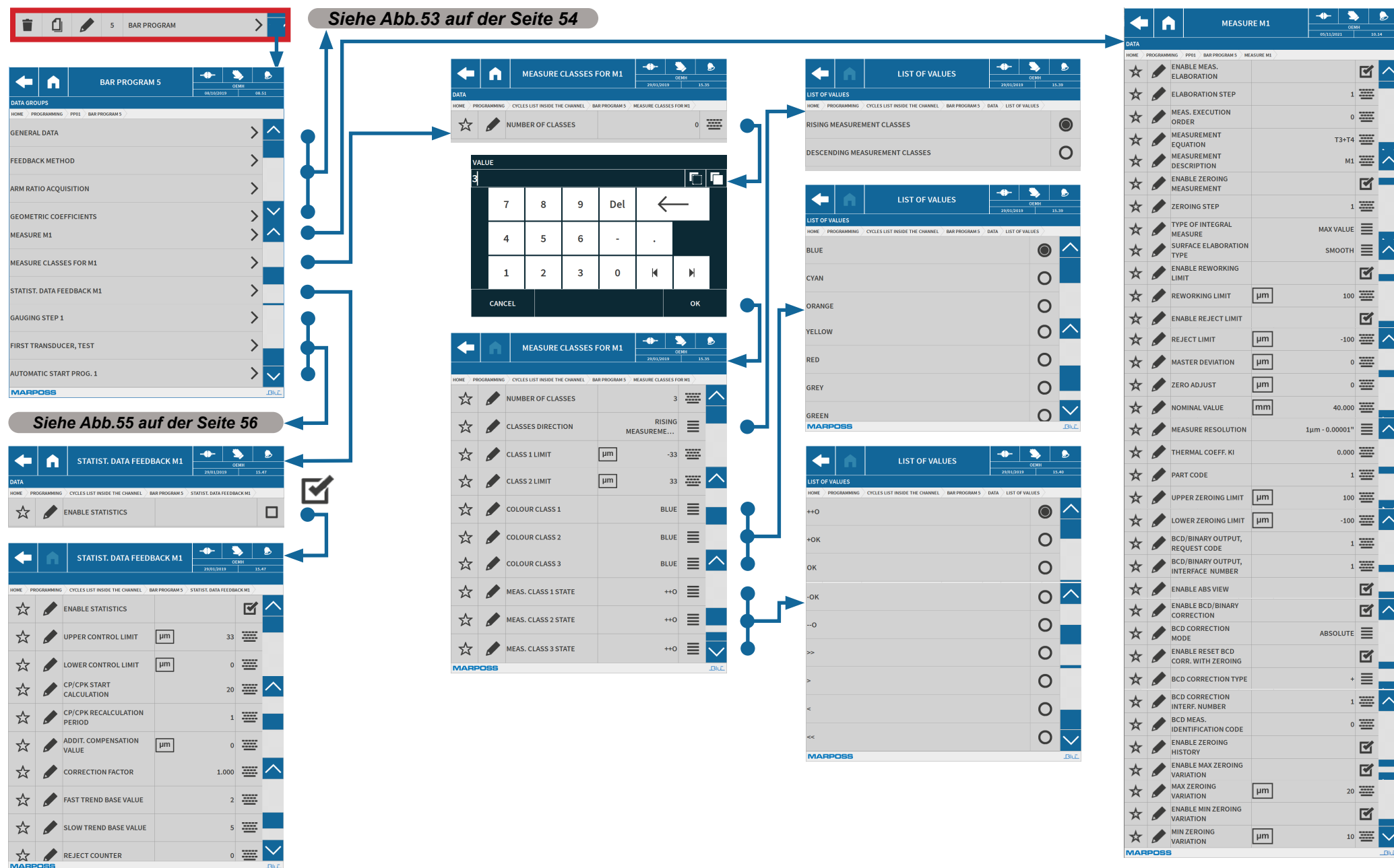


Abb.54. Menü Programming > Post-Process > Bar Program

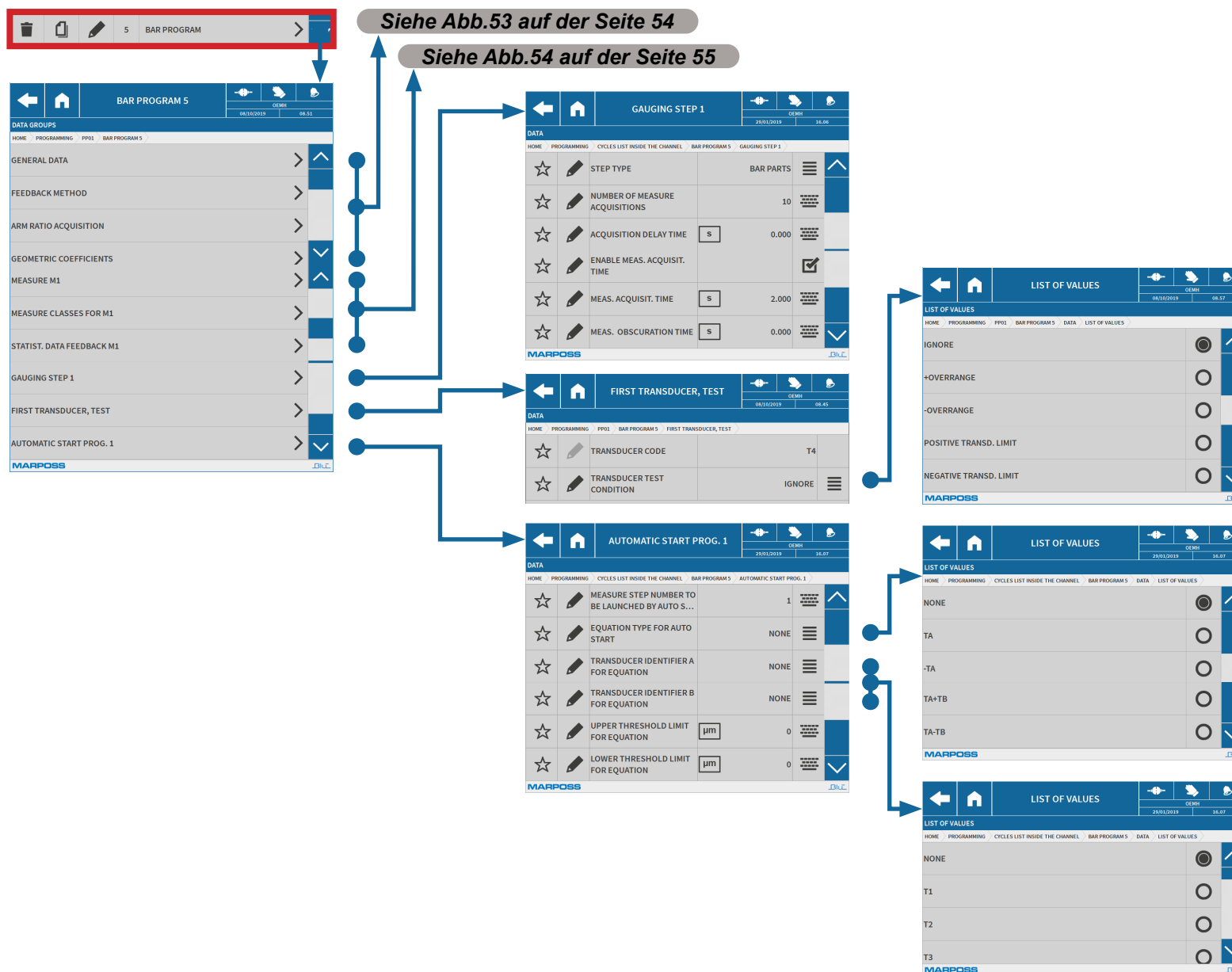


Abb.55. Menü Programming &gt; Post-Process &gt; Bar Program

1.2.3 Akoustik Menü **Siehe Kap. C2AE abs. 3.2**

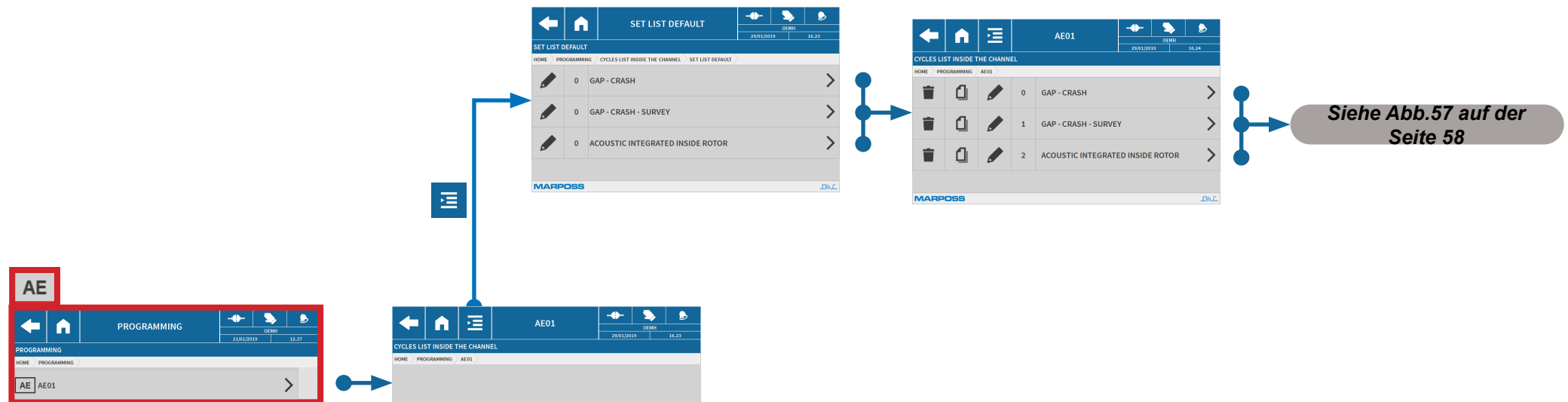


Abb.56. Menü Programming > Acoustic

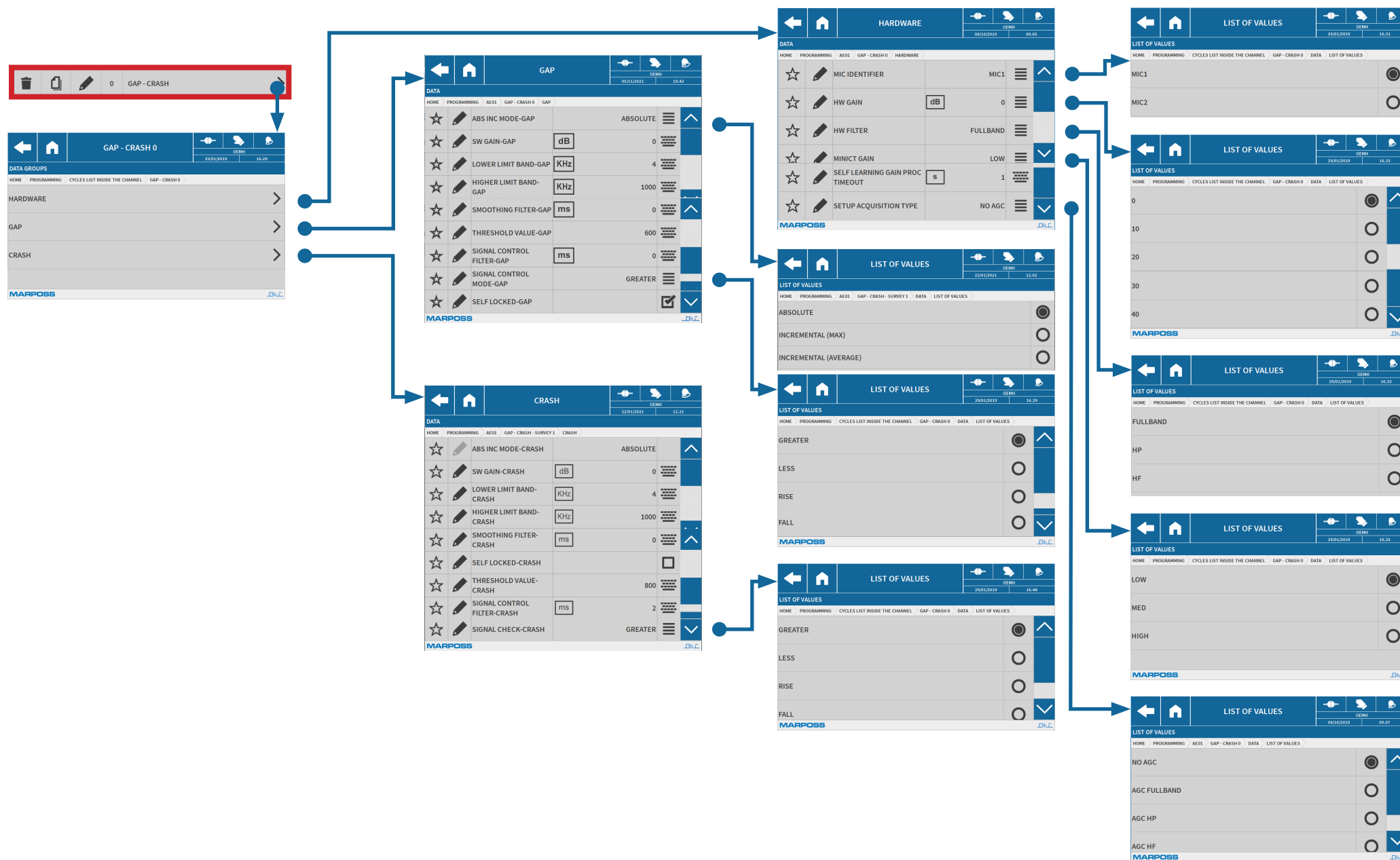


Abb.57. Menü Programming &gt; Acoustic &gt; Gap - Crash

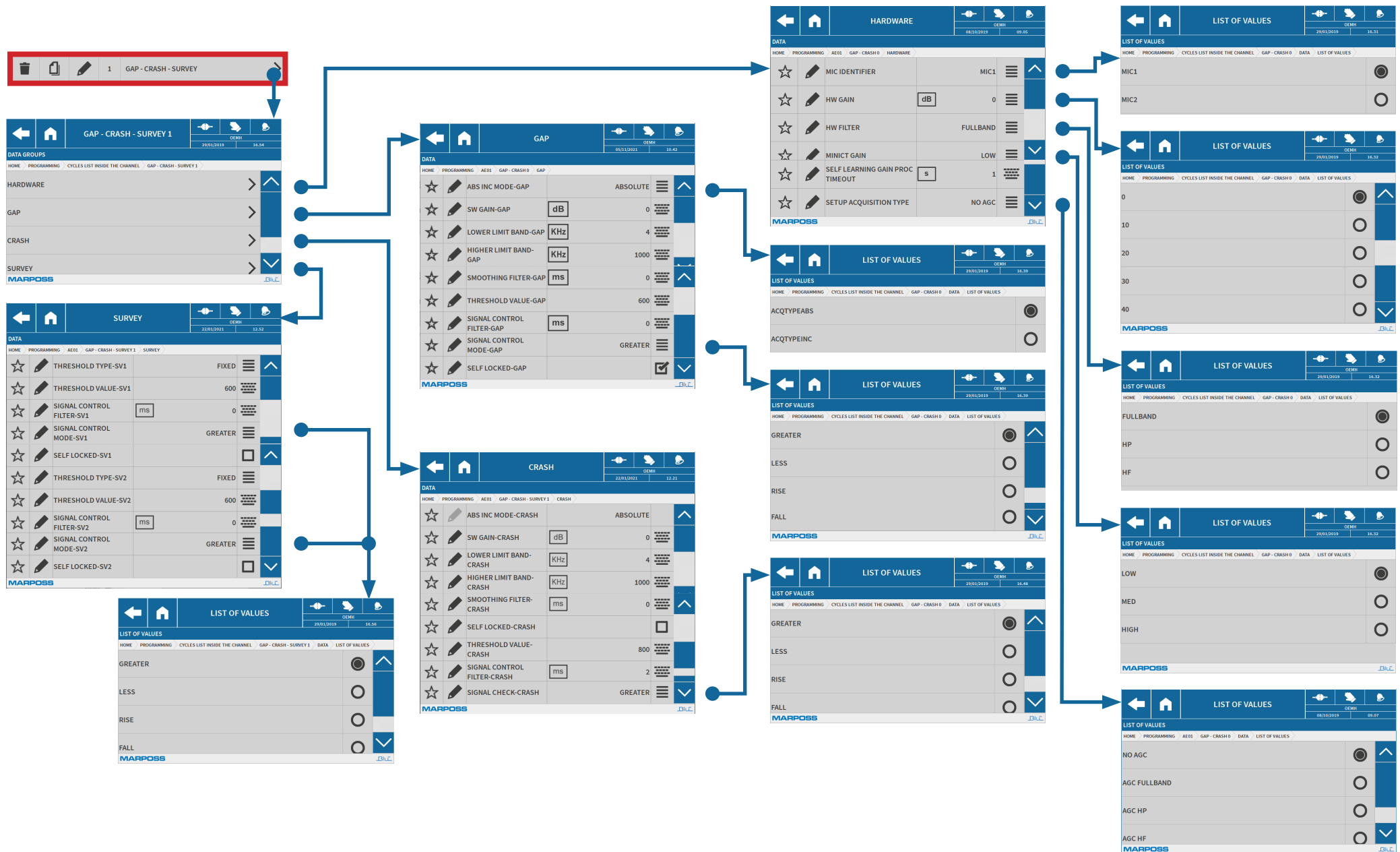


Abb.58. Menü Programming > Acoustic > Gap - Crash - Survey

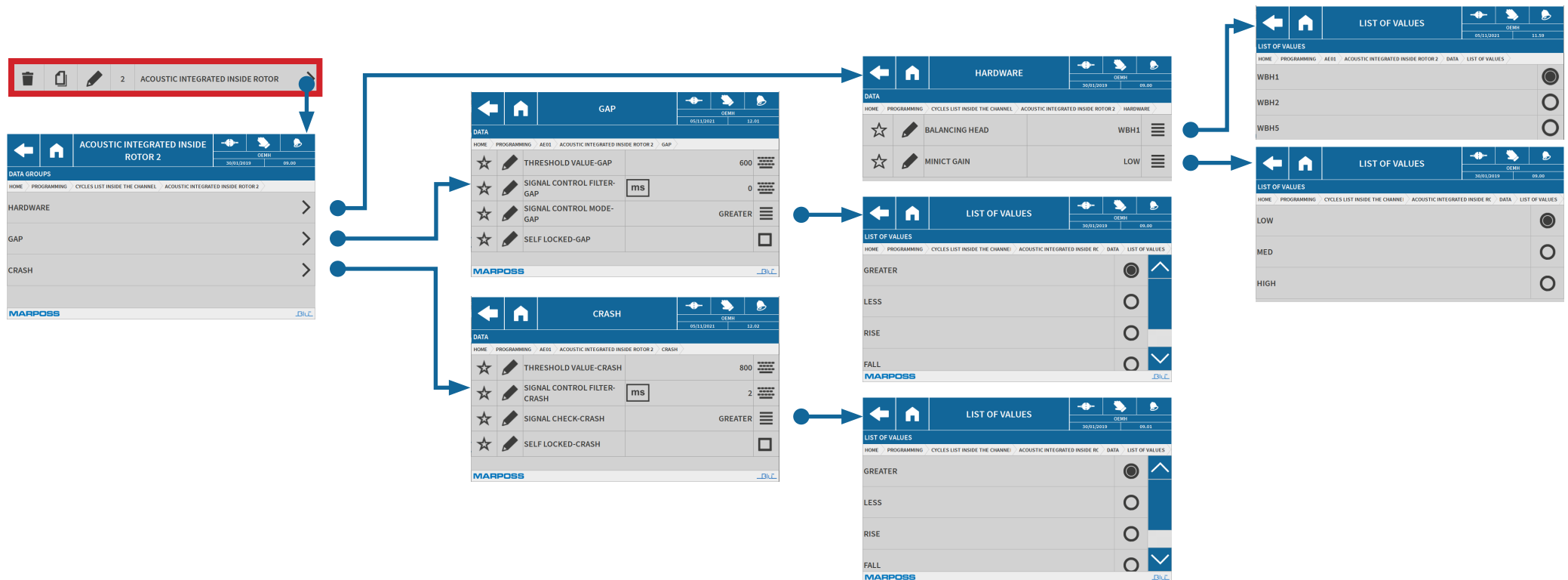


Abb.59. Menü Programming &gt; Acoustic &gt; Acoustic Integrated Inside Rotor

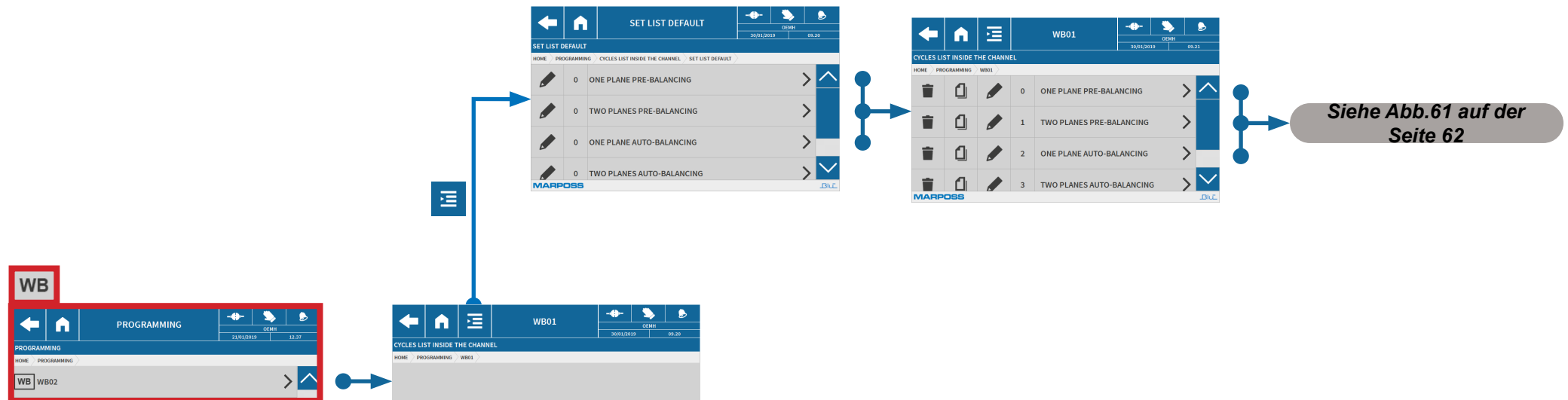


Abb.60. Menü Programming &gt; Wheel Balancing

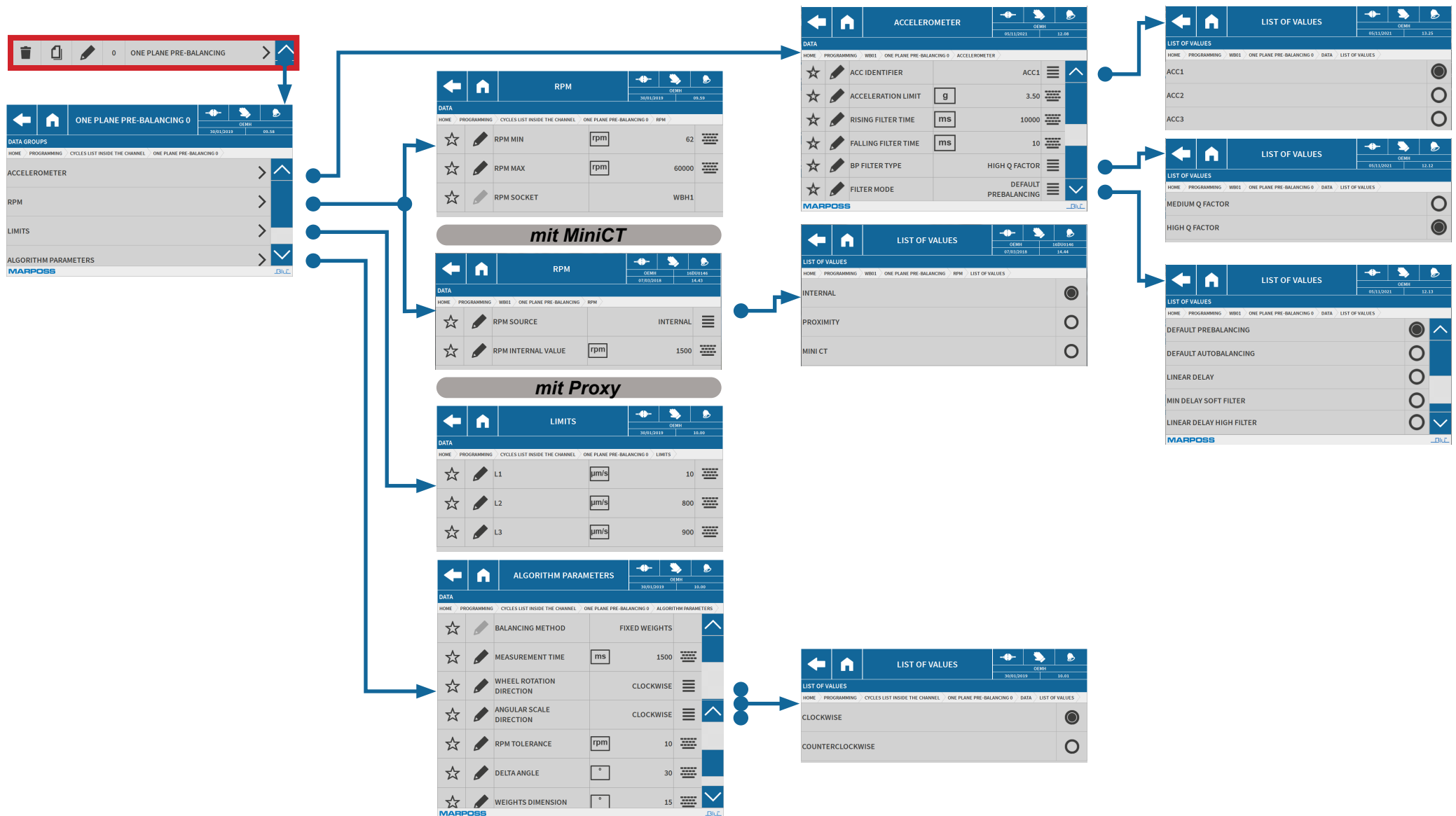


Abb.61. Menü Programming &gt; Wheel Balancing &gt; One Plane Pre-Balancing

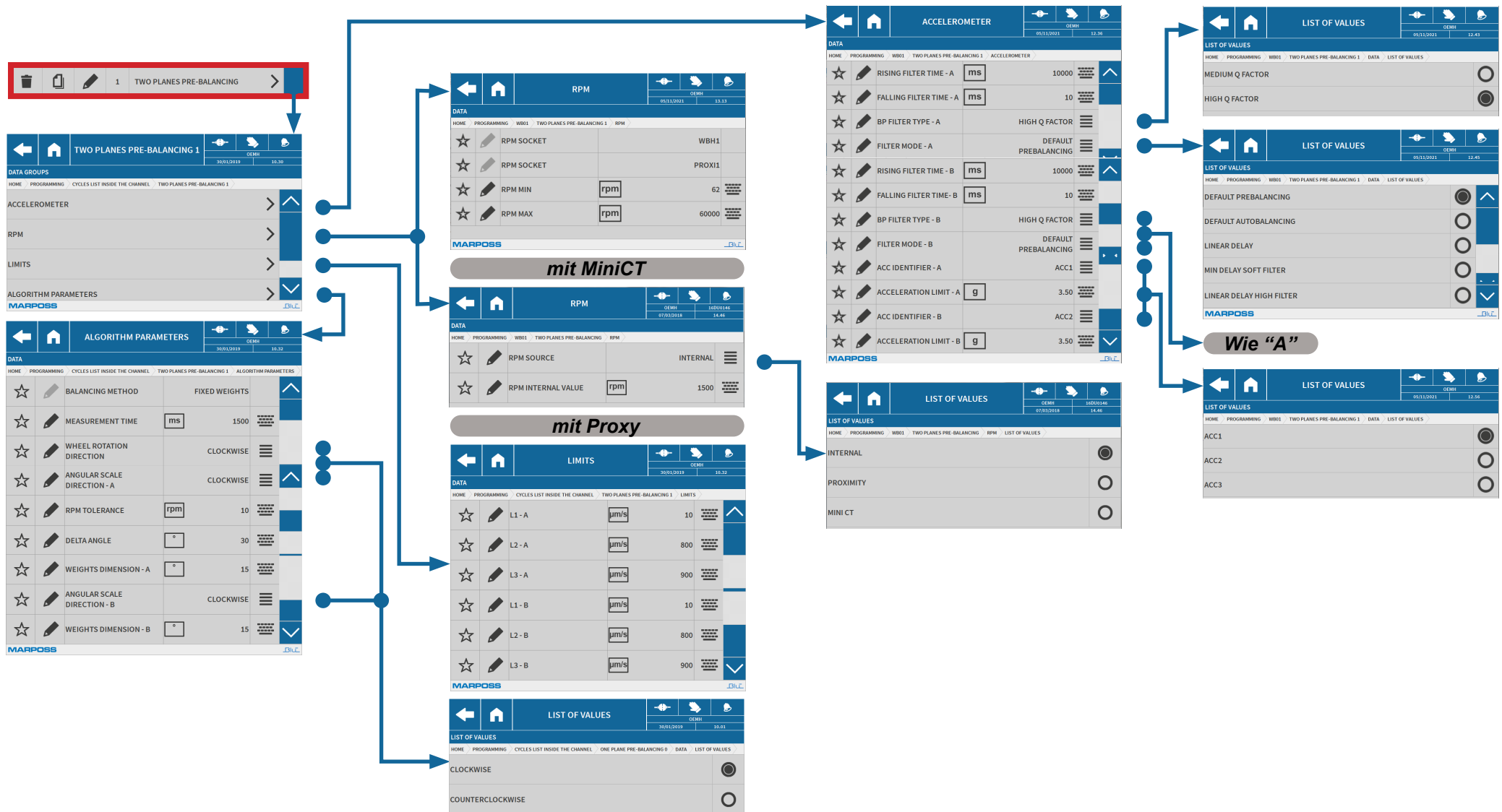


Abb.62. Menü Programming > Wheel Balancing > Two Planes Pre-Balancing

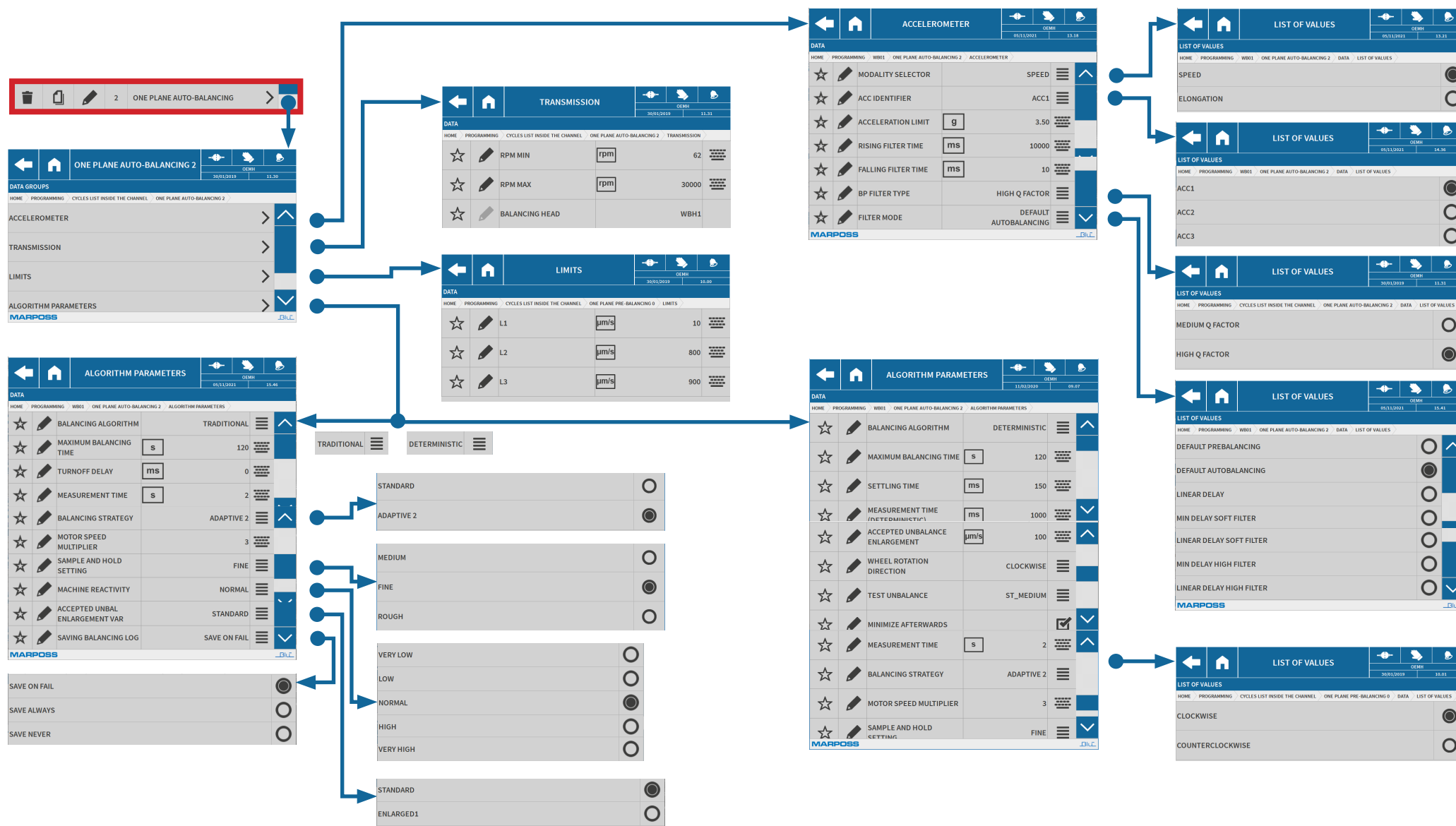


Abb.63. Menü Programming &gt; Wheel Balancing &gt; One Plane Auto-Balancing

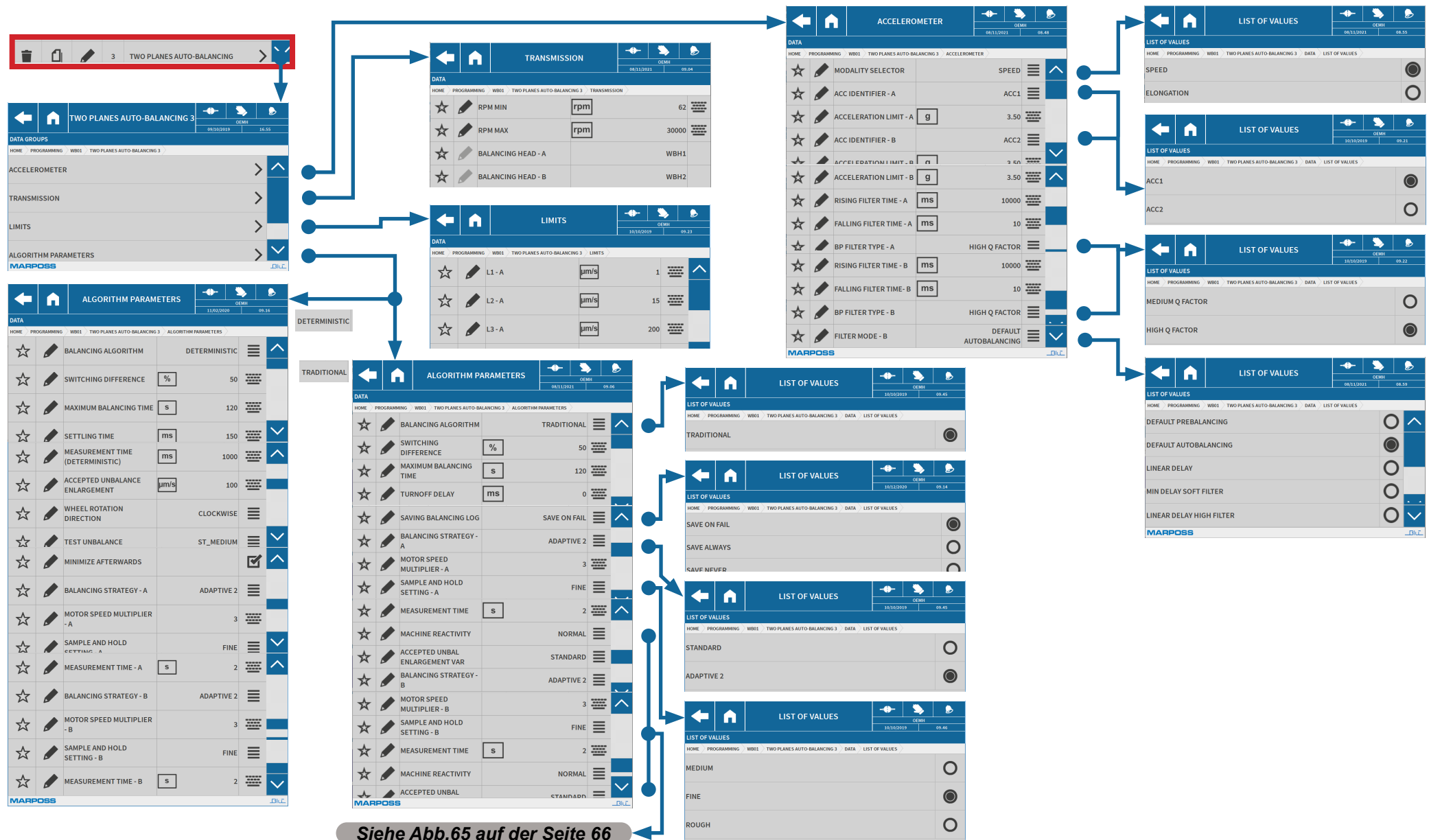


Abb.64. Menü Programming > Wheel Balancing > Two Plane Auto-Balancing

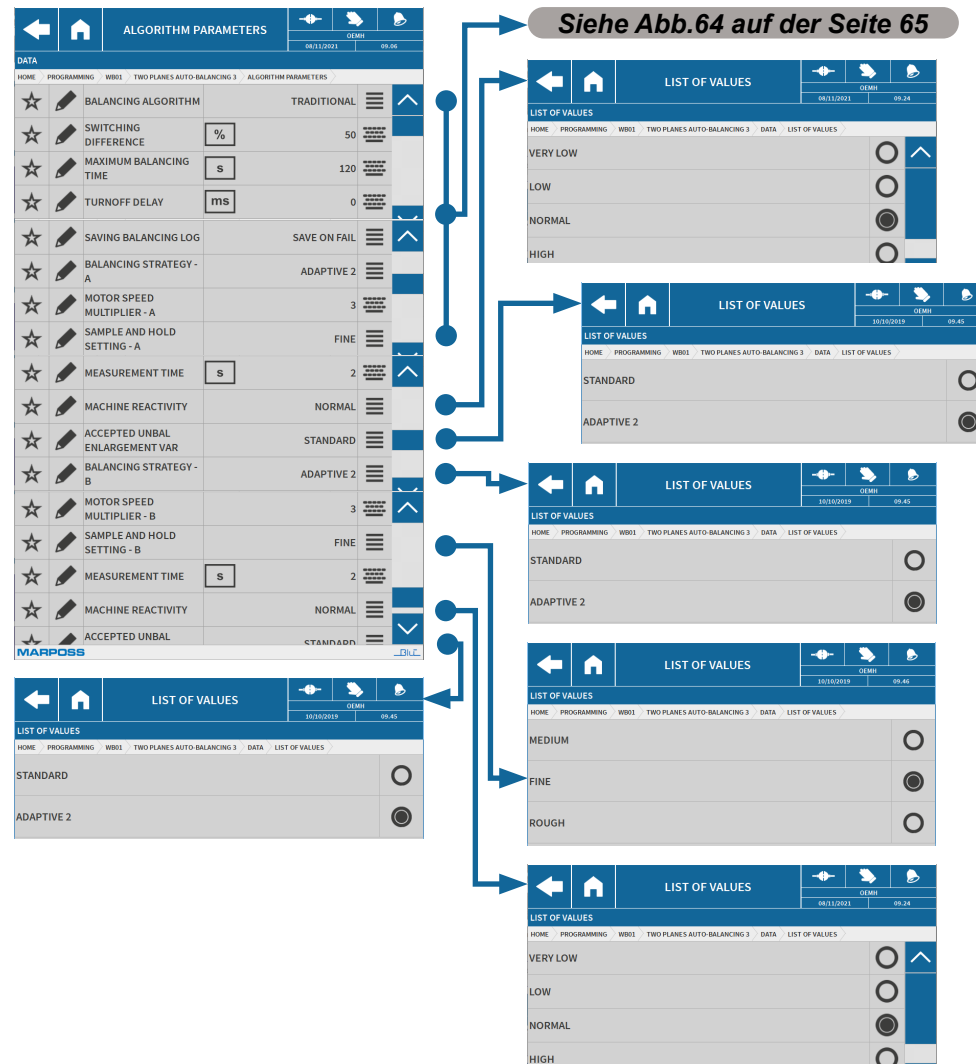


Abb.65. Menü Programming &gt; Wheel Balancing &gt; Two Plane Auto-Balancing

1.2.5 AKUANWENDUNG *Siehe Kap. C2TO abs. 3.1*

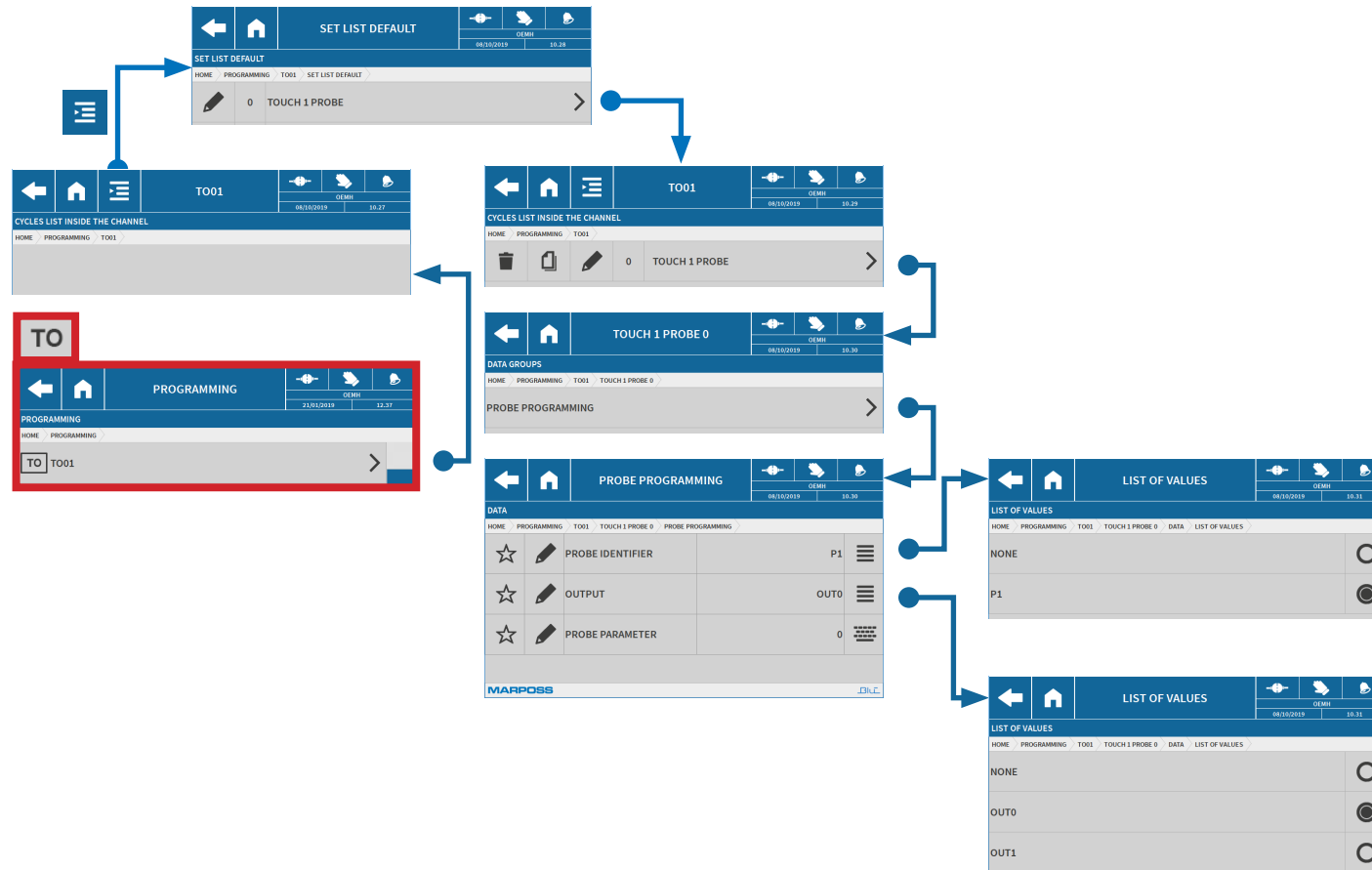


Abb.66. Menü Programming > Touch

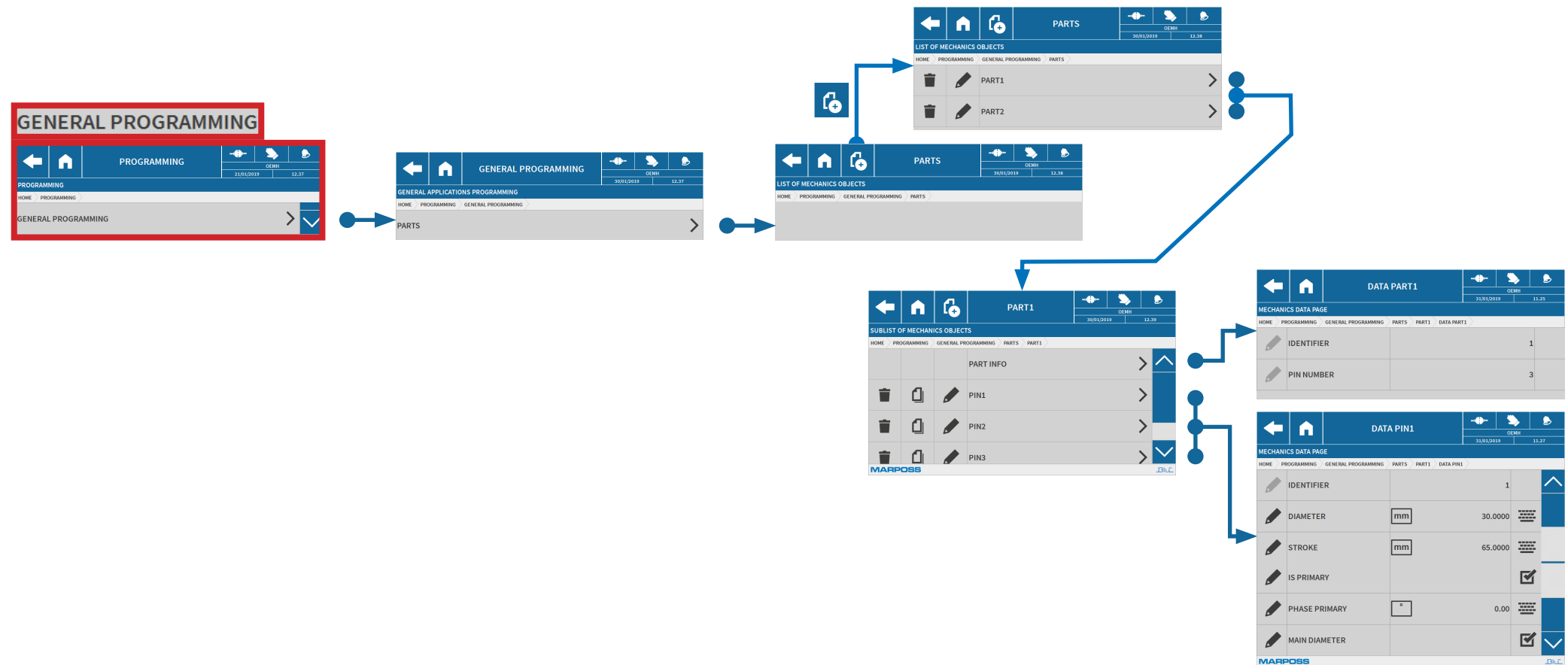
1.2.6 Allgemeines Programm Siehe Kap. B2 4.3 auf der Seite 85

Abb.67. Menü Programming &gt; General Programming

1.3 Menü Einstellungen Siehe Parte B2 Kap. 4.1 auf der Seite 82

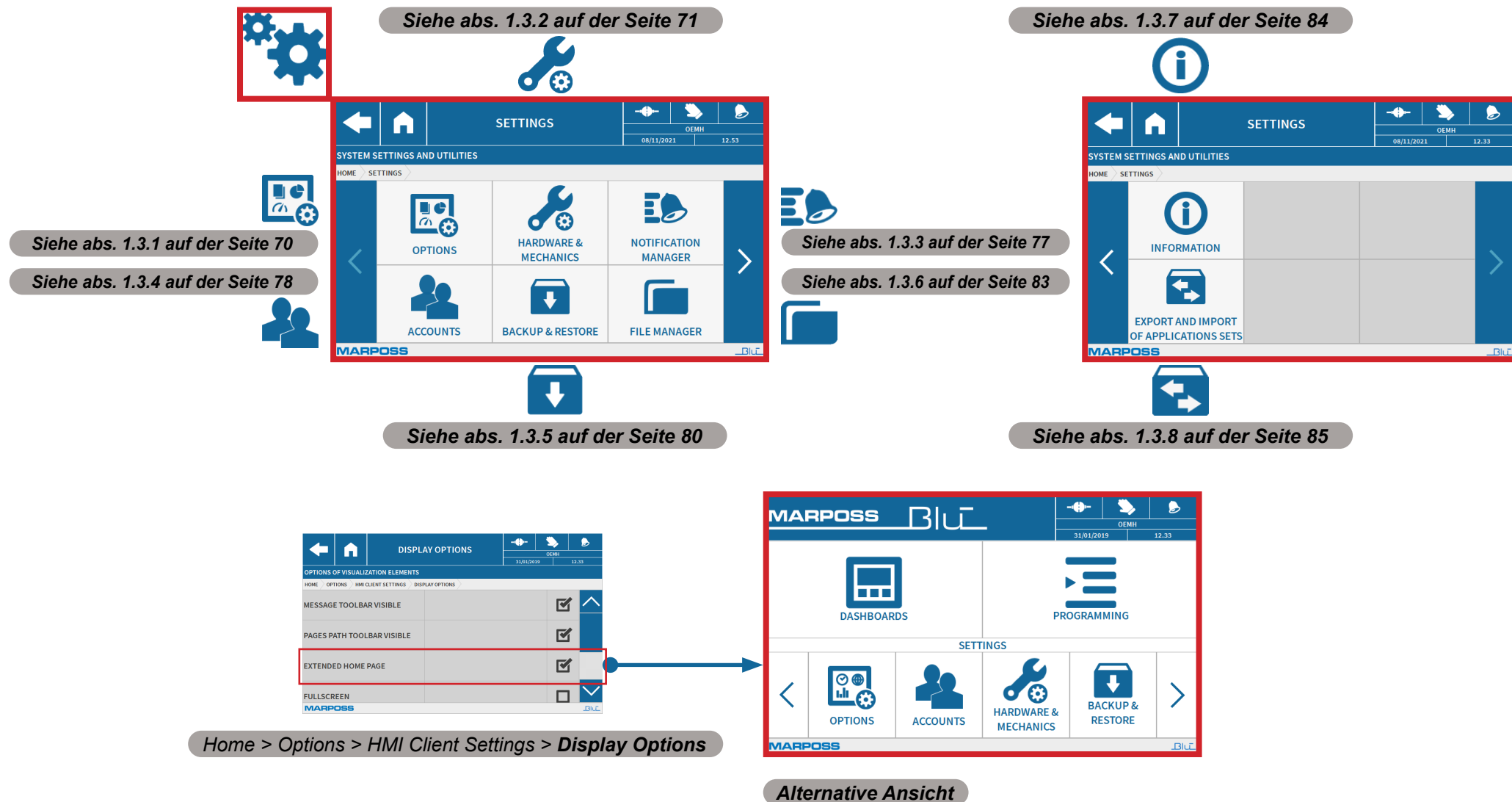


Abb.68. Menü Setting

## 1.3.1 Optionen

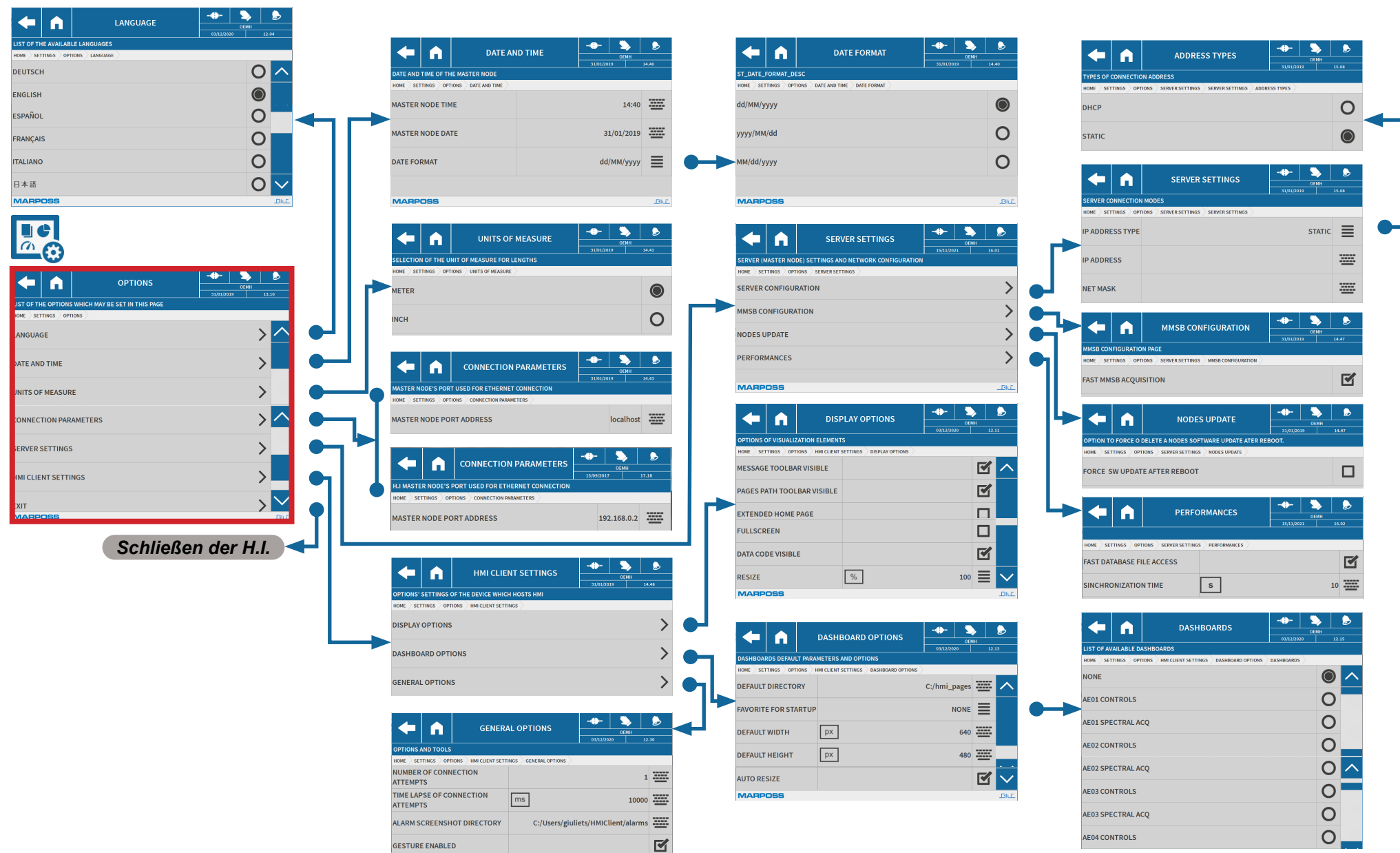


Abb.69. Menü Setting &gt; Options

## 1.3.2 Programmierung von Hardware und Mechanik

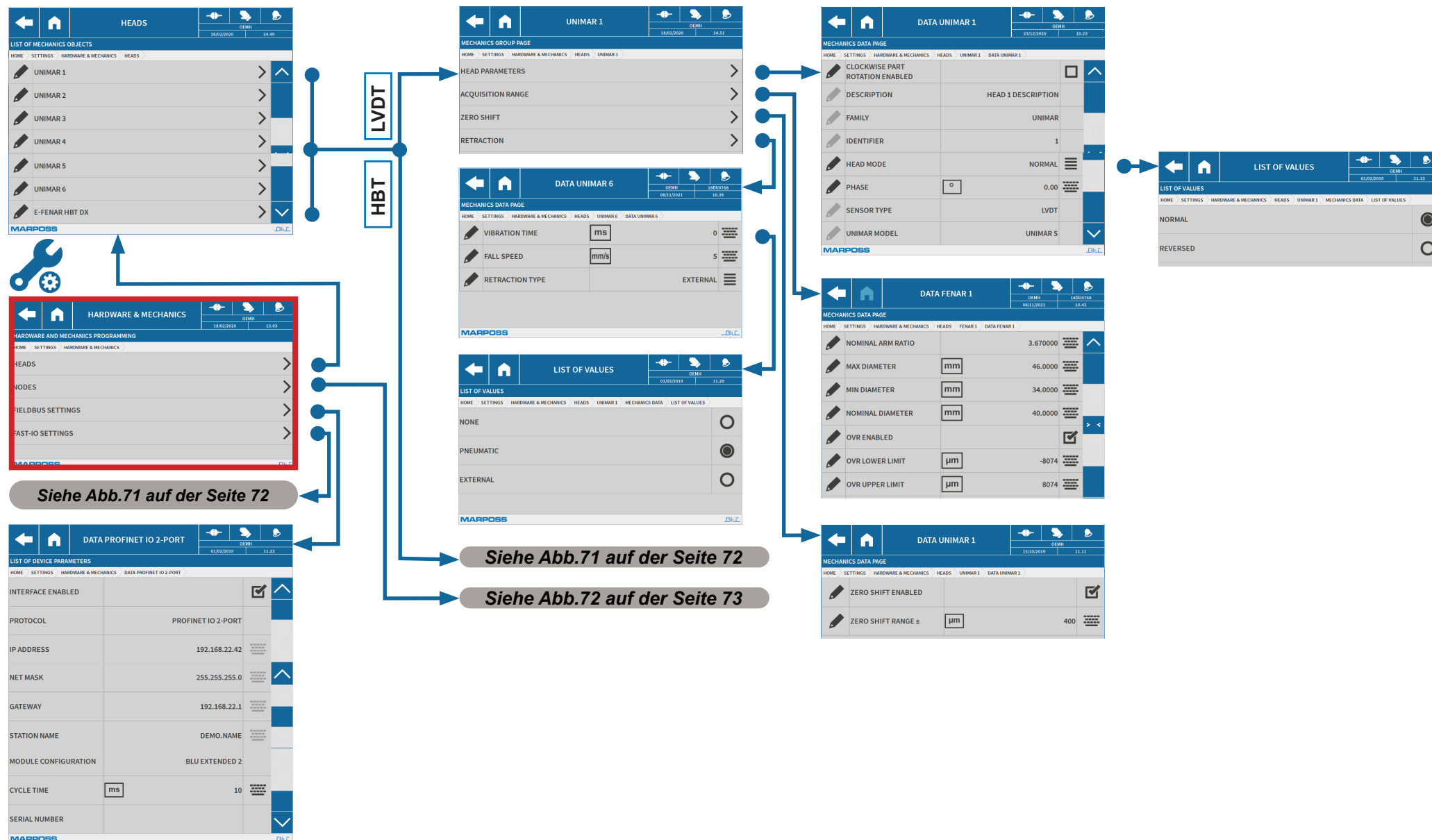


Abb.70. Menü Setting > Hardware & Mechanics

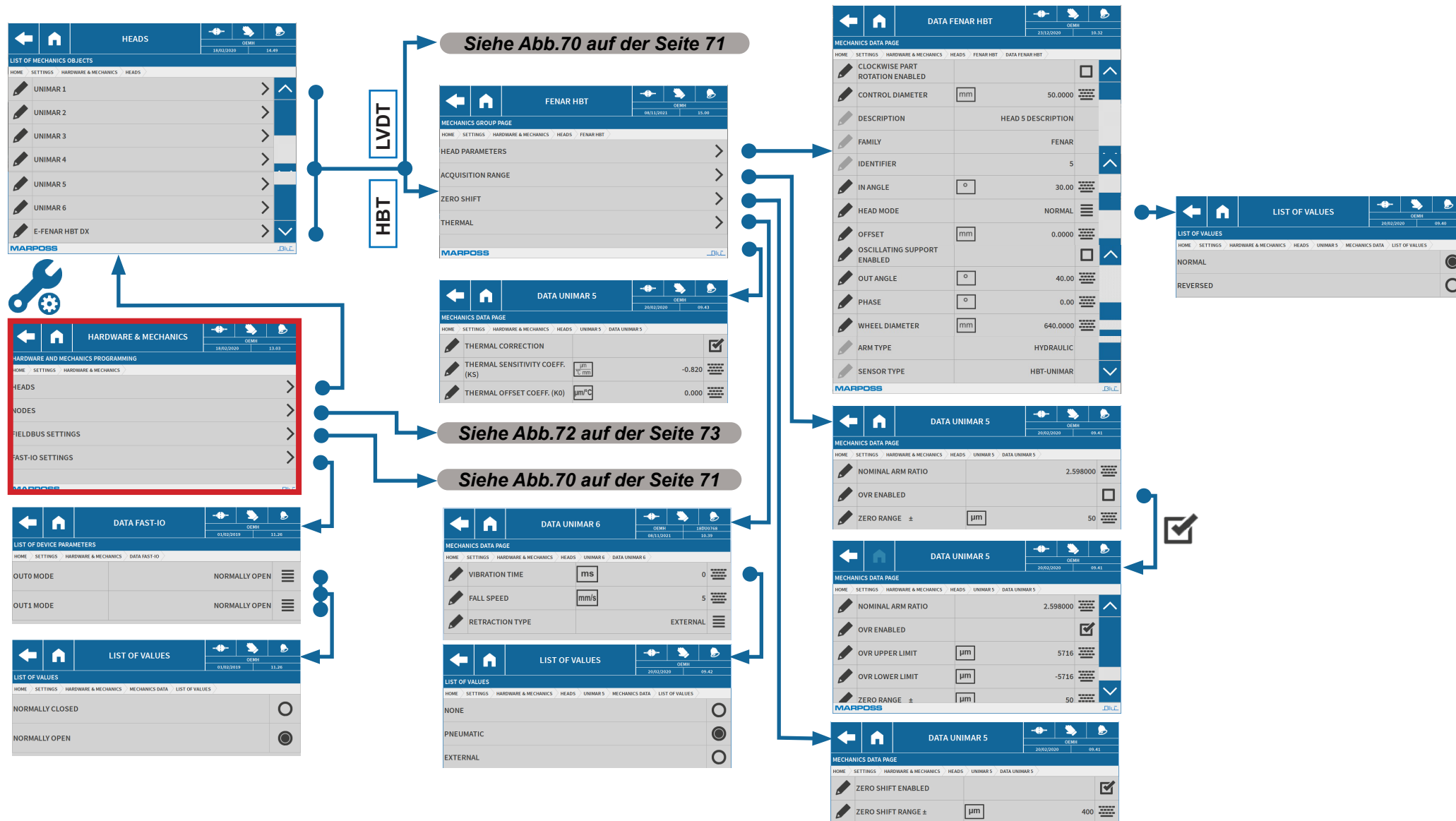


Abb.71. Menü Setting &gt; Hardware &amp; Mechanics



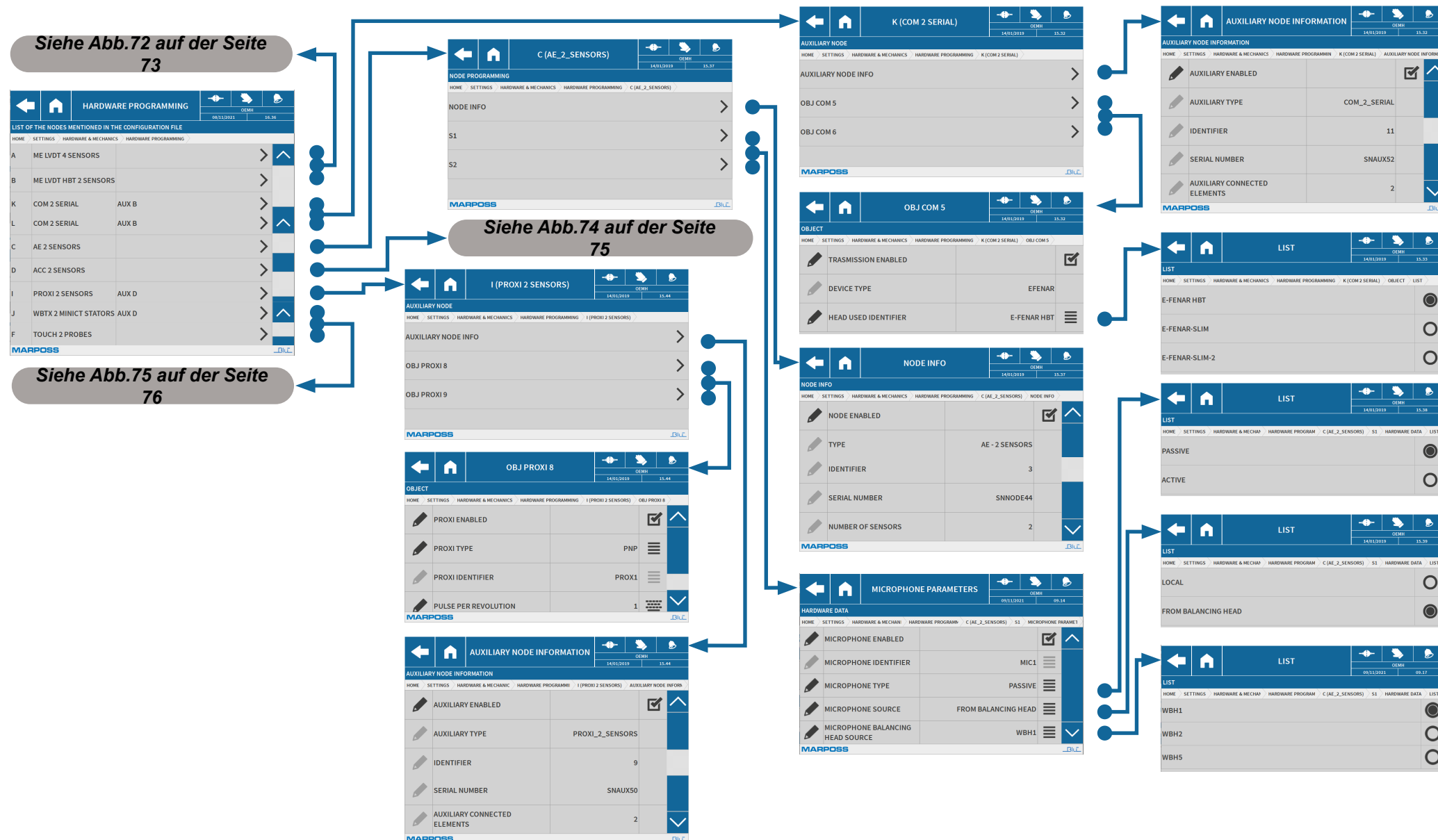


Abb.73. Menü Setting &gt; Hardware &amp; Mechanics

**Siehe Abb.73 auf der Seite 74**

ACCELEROMETER PARAMETERS

08:00

14/01/2019

15:41

HARDWARE DATA

HOME

SETTINGS

HARDWARE & MECHAN

HARDWARE PROGRAM

D (ACC\_2\_SENSORS)

S1






ACCELEROMETER PARAM






	ACCELEROMETER ENABLED		<input checked="" type="checkbox"/>	
	ACCELEROMETER IDENTIFIER	ACC1		
	ACCELEROMETER TYPE	STANDARD		
	RPM IDENTIFIER	RPM1		
	RPM SOURCE	FROM BALANCING HEAD		
	BALANCING HEAD IDENTIFIER	WBH1		

MARPOSS

31/01/2019

**Siehe Abb.73 auf der Seite 74**

LIST		  
		<div>14/01/2019</div> <div>15:42</div>
HOME SETTINGS HARDWARE & MISC HARDWARE PROGRAM D (ACC_2_SENSORS) S1 HARDWARE DATA LIST		
WBH1		
WBH2		

LIST			  
LIST			<div>14/03/2019</div> <div>15:42</div>
HOME	SETTINGS	HARDWARE & MECHA	HARDWARE PROGRAM
D (ACC_2_SENSORS)		S1	HARDWARE DATA
LIST			
FROM PROXIMITY SENSOR			
FROM BALANCING HEAD			

BLU LT

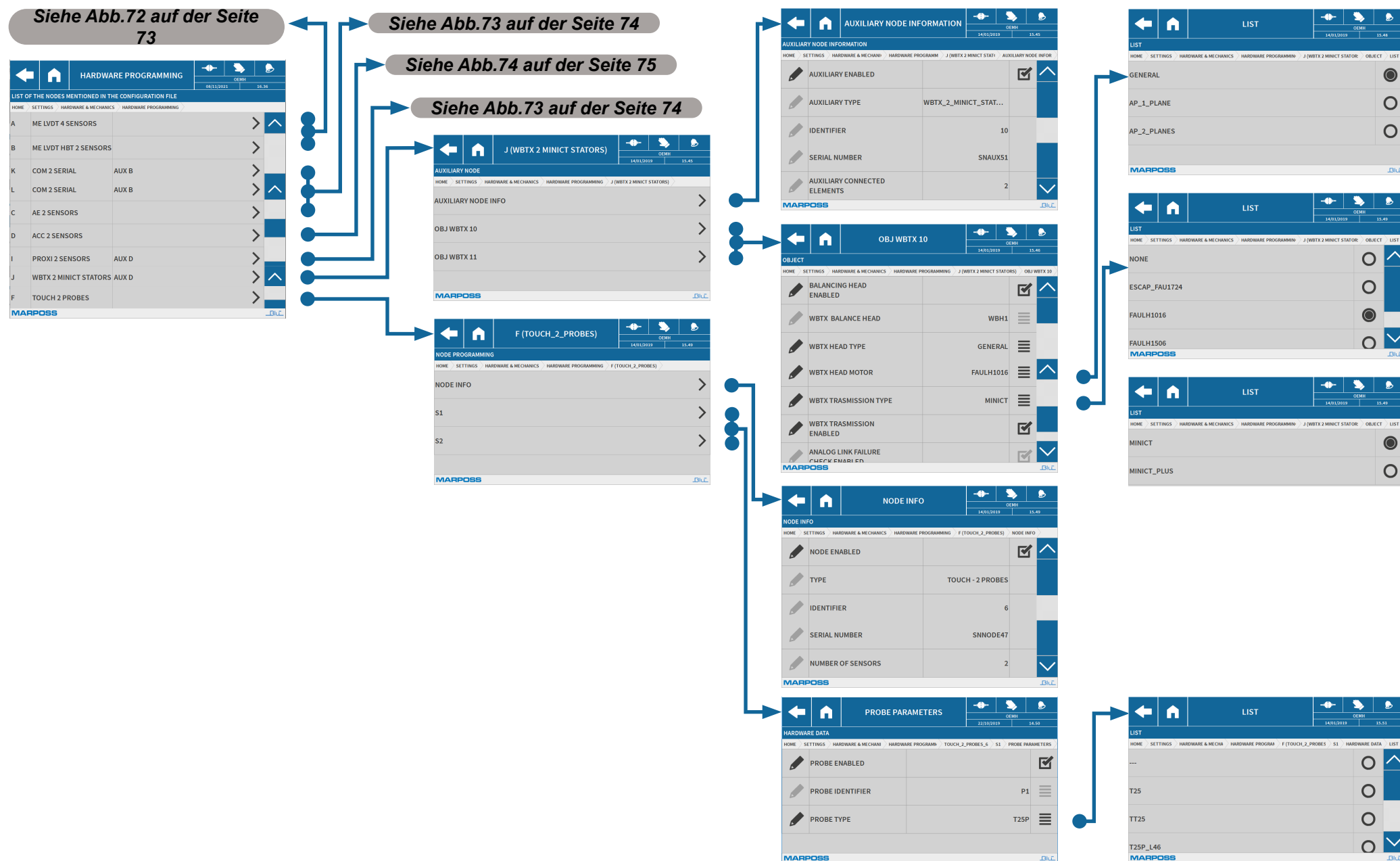


Abb.75. Menü Setting &gt; Hardware &amp; Mechanics

## 1.3.3 Meldungsmanagement

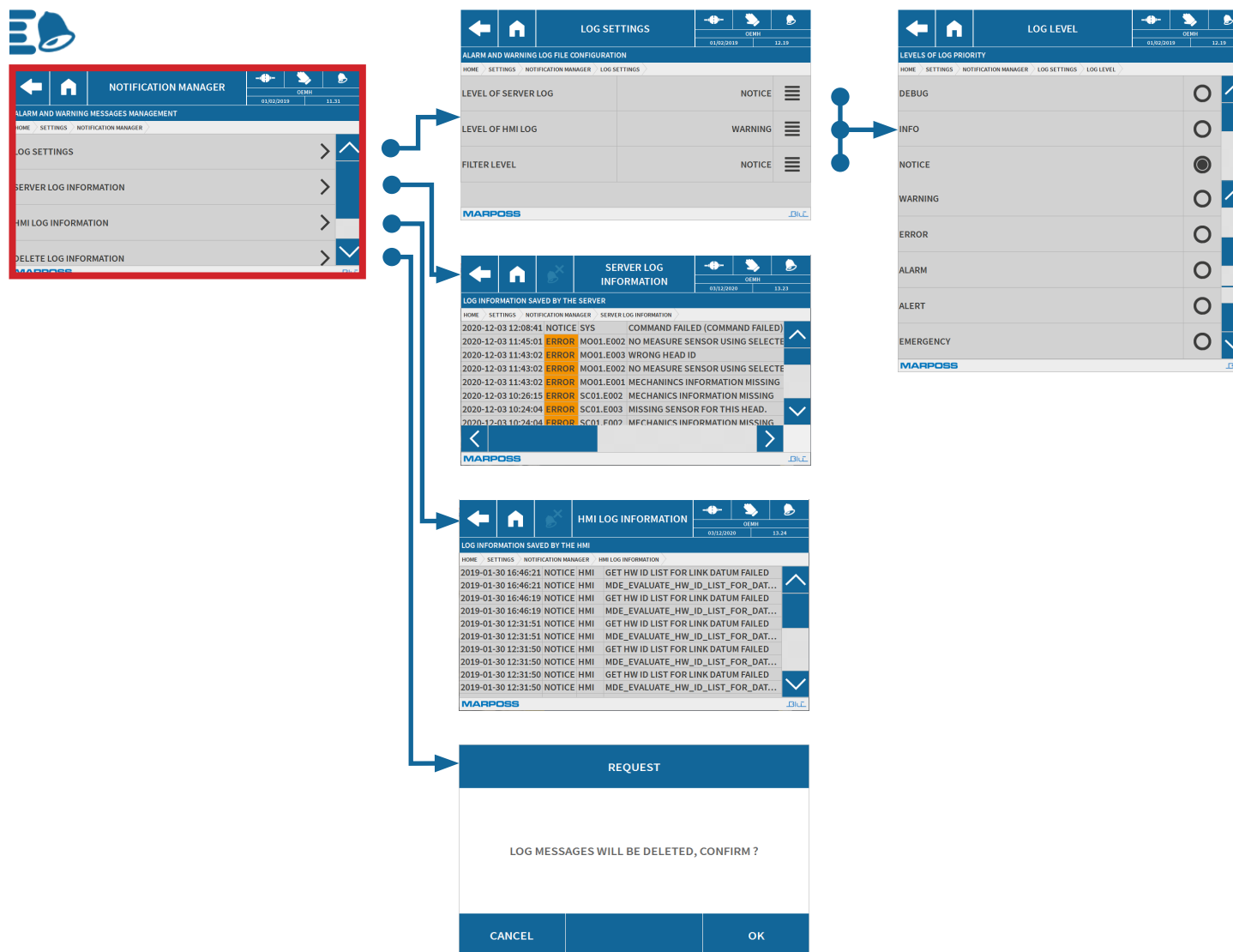


Abb.76. Menü Setting &gt; Notification Manager

### 1.3.4 Benutzer



**Abb.77. Menü Setting > Accounts**

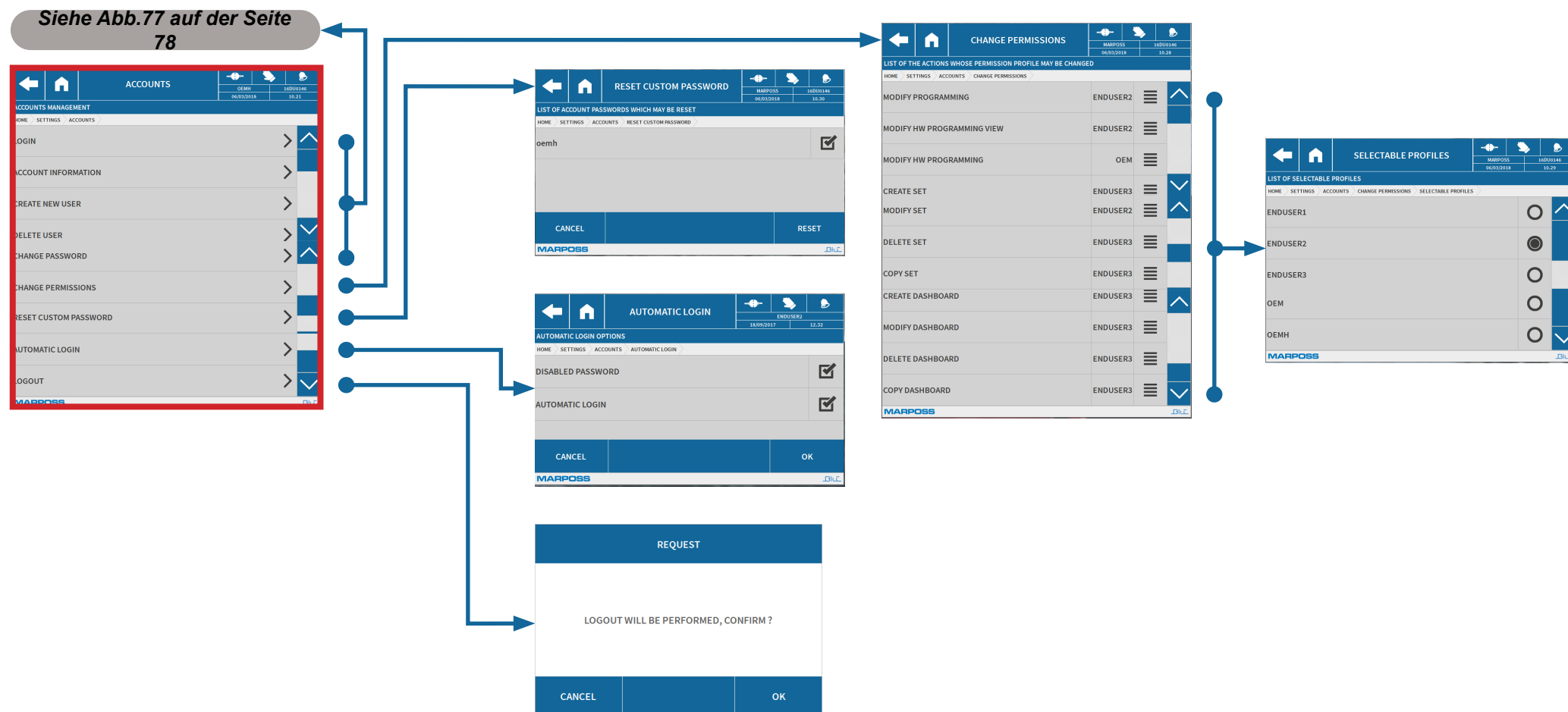


Abb.78. Menü Setting &gt; Accounts

### 1.3.5 Speichern & Wiederherstellen

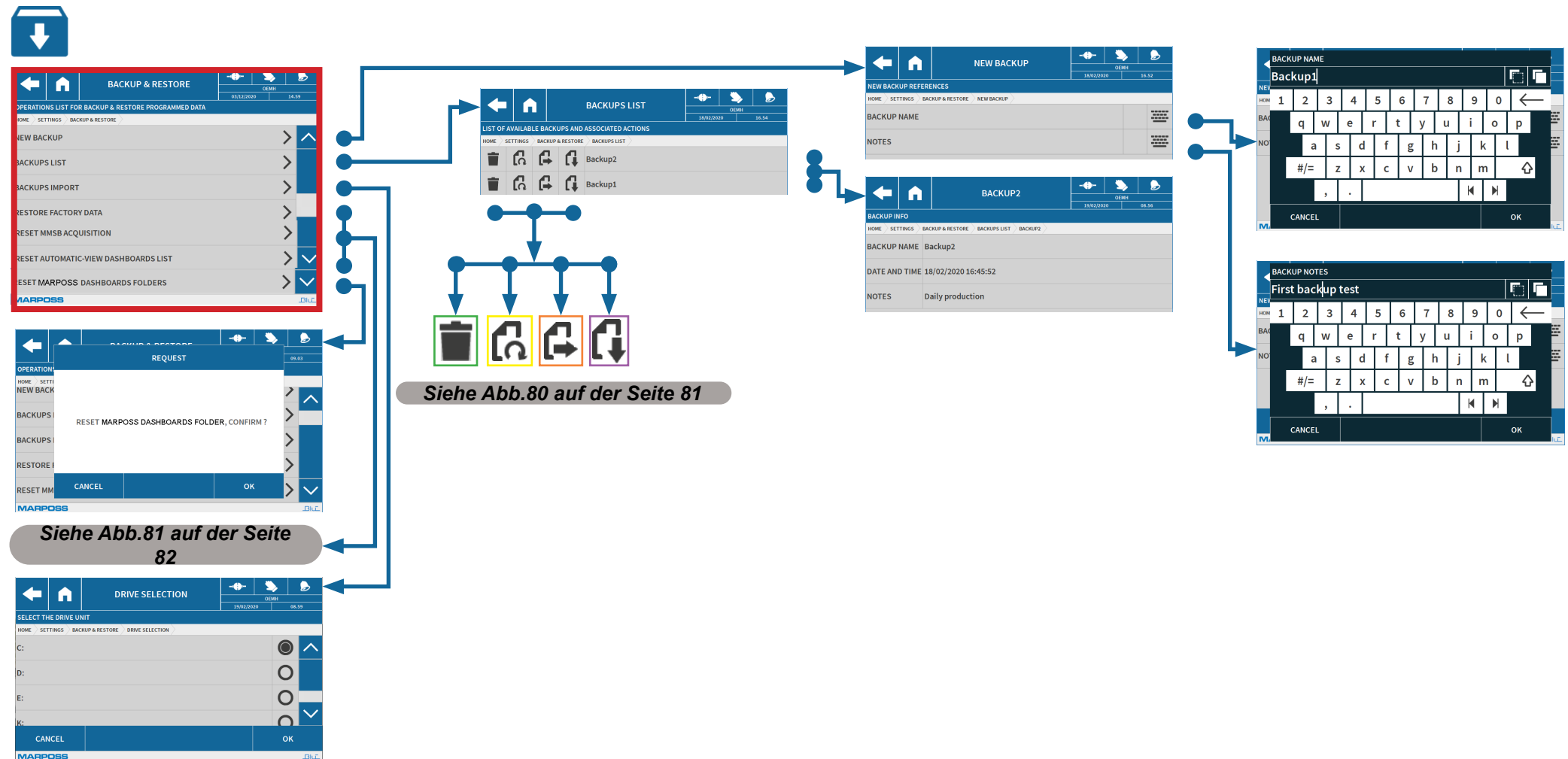


Abb.79. Menü Setting > Backup & Restore

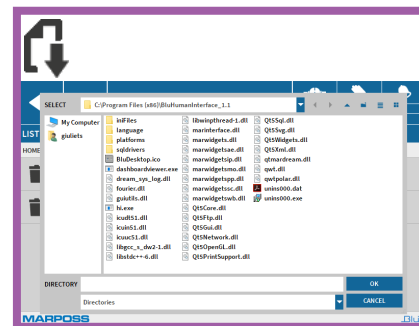
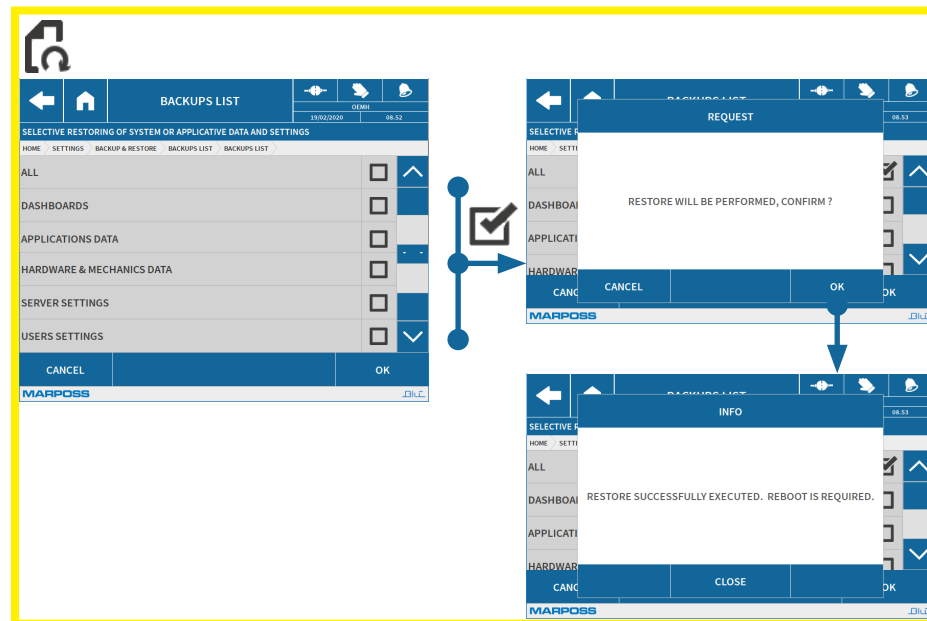
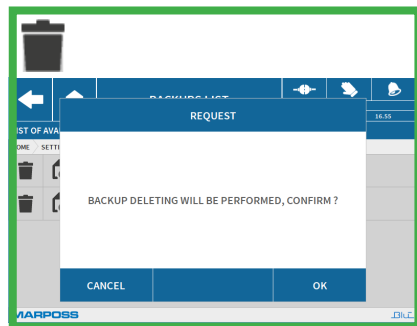


Abb.80. Menü Setting &gt; Backup &amp; Restore



[illegible]

Abb.82. Menü Setting > **File manager**

## 1.3.7 Informationen

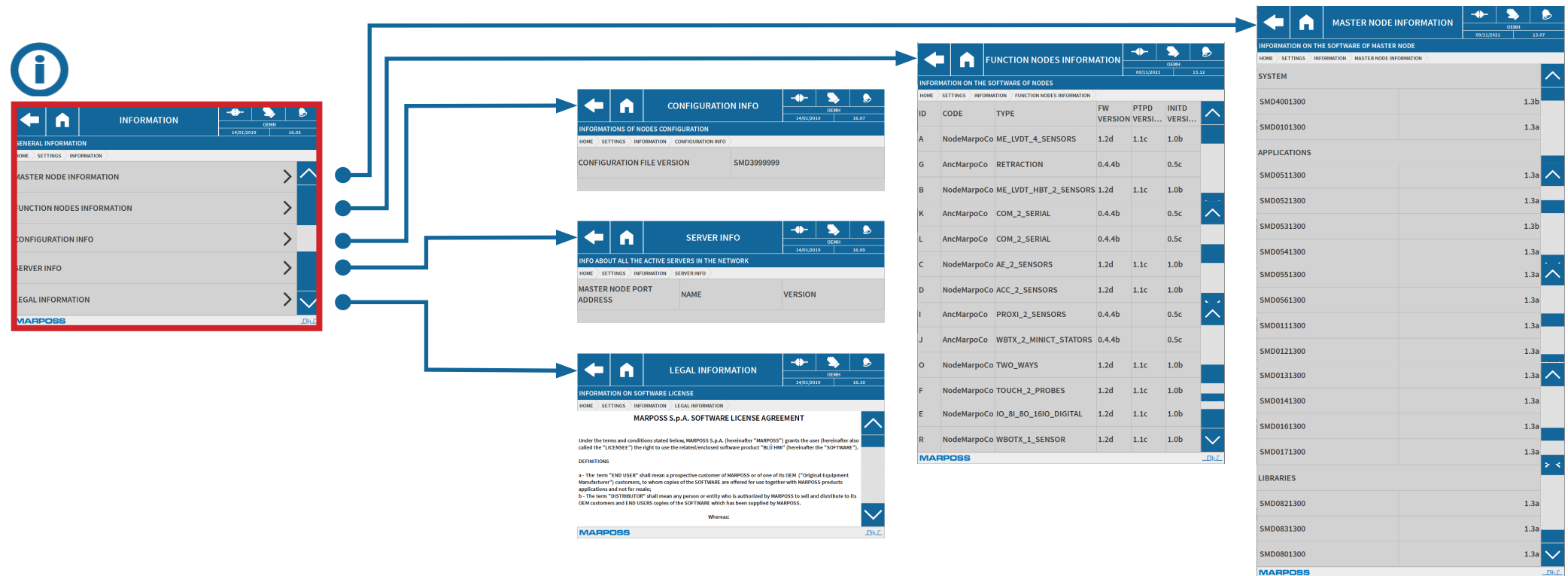


Abb.83. Menü Setting &gt; Information

## 1.3.8 Datensätze exportieren/importieren

**Exportierbarer Datensatz**  
 Datensatz kann nicht exportiert werden, weil schon im Ordner „blu-sets“ vorhanden

**- Legende -**

**Importierbarer Datensatz**  
 Datensatz kann nicht importiert werden, weil schon im Ordner „blu-sets“ vorhanden

The diagram illustrates the process of exporting and importing application sets in MARPOSS. It shows the 'DRIVE SELECTION' screen, the 'EXPORT IMPORT' screen, and the 'EXPORT APPLICATION SETS' and 'IMPORT APPLICATION SETS' screens. A file explorer shows the 'blu-sets' folder. A central legend explains the status of datasets: 'Exportierbarer Datensatz' (green icon) means the dataset cannot be exported because it is already in the 'blu-sets' folder, and 'Importierbarer Datensatz' (orange icon) means the dataset cannot be imported because it is already in the 'blu-sets' folder.

Abb.84. Menü Setting > Export and Import of application sets

**MARPOSS**

End Kurzanleitung

**BILT**