

## 2 Physical Configuration



In all this document, three types of cards will be distinguished:

- **access card:** it is a board containing the signal physical interfaces (electrical connectors)
- **ports card:** it is the board that performs the SDH elaboration of the signal
- **module (electrical or optical):** it is a particular plug-in card (of small dimensions) that is inserted on the front panel of some particular boards.

This Chapter illustrates the physical structure, layout and composition, coding and partition of the Equipment and Fans subrack.

### EQUIPMENT:

The Equipment Shelf front view is illustrated in Figure 19. on page 44 ("SR60M" subrack) and in Figure 21. on page 46 (1660SM subrack with fans).

1660SM is composed of one shelf containing 21 slots in the **access area** and 20 slots in the **basic area**. The two areas are located on different "lines" inside the shelf.

The main part code and partition are listed in Table 4. on page 50.

The accessories codes and partition are listed in Table 5. on page 71.

For the relationship between access cards and port cards refer to para. 2.4 on page 81.

### FANS SUBRACKS:

The Fans subracks front view is illustrated in Figure 20. on page 45.

The main part code and partition are listed in Table 6. on page 74.

**NOTES:** the explanatory notes are reported in Table 7. on page 75.

**UNITS FRONT VIEW:** for the units front view refer to para. 2.5 on page 95.

**N.B.** Table 4. on page 50 contains the units of current equipment release. Units belonging to previous equipment releases/versions (e.g. for configuration updating) are not here listed but still supported, if compatible with the current one. (For eventual units belonging to previous equipment releases/versions refer to the relative Technical Handbook).

**N.B.** The Personal Computer (Craft Terminal) utilized for Initial Turn-on and Maintenance operations is not listed as an item of the equipment, but it can be supplied by Nokia. See Operator's Handbook for PC hardware configuration.

## 2.1 Equipment front view

### 2.1.1 1660SM Shelf “without fans” front view (SR60M)

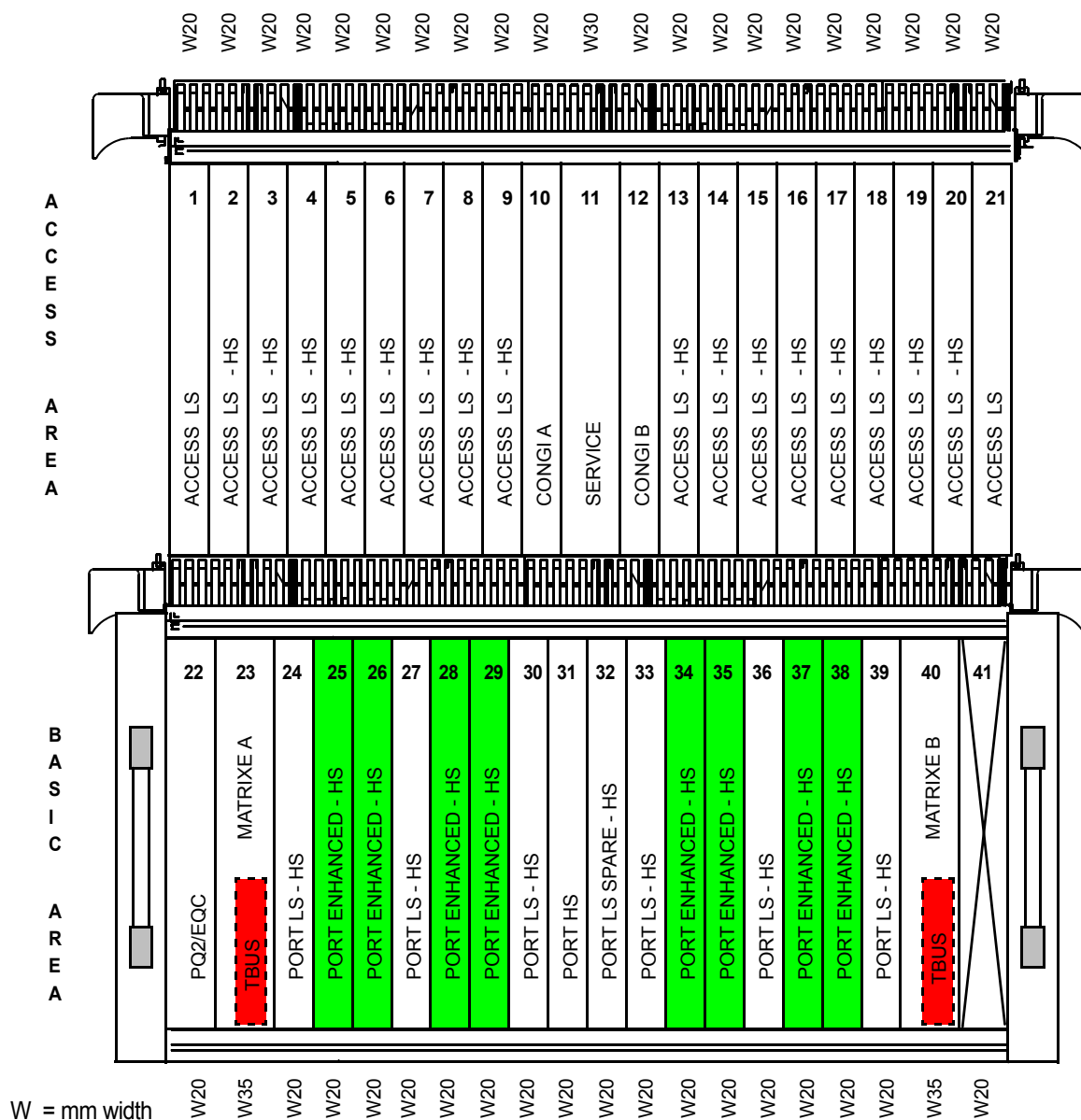


Figure 19. 1660SM units positioning in “SR60M” subrack

2.1.2 19" Fans subrack front view (SRFAN)

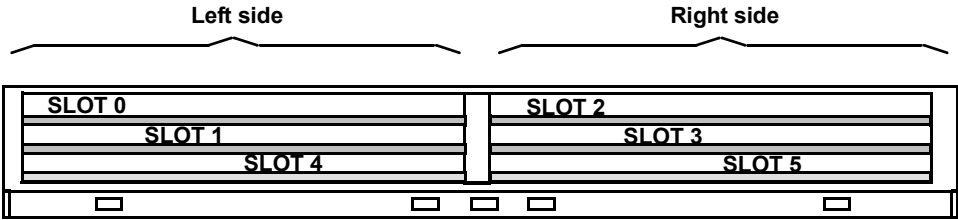
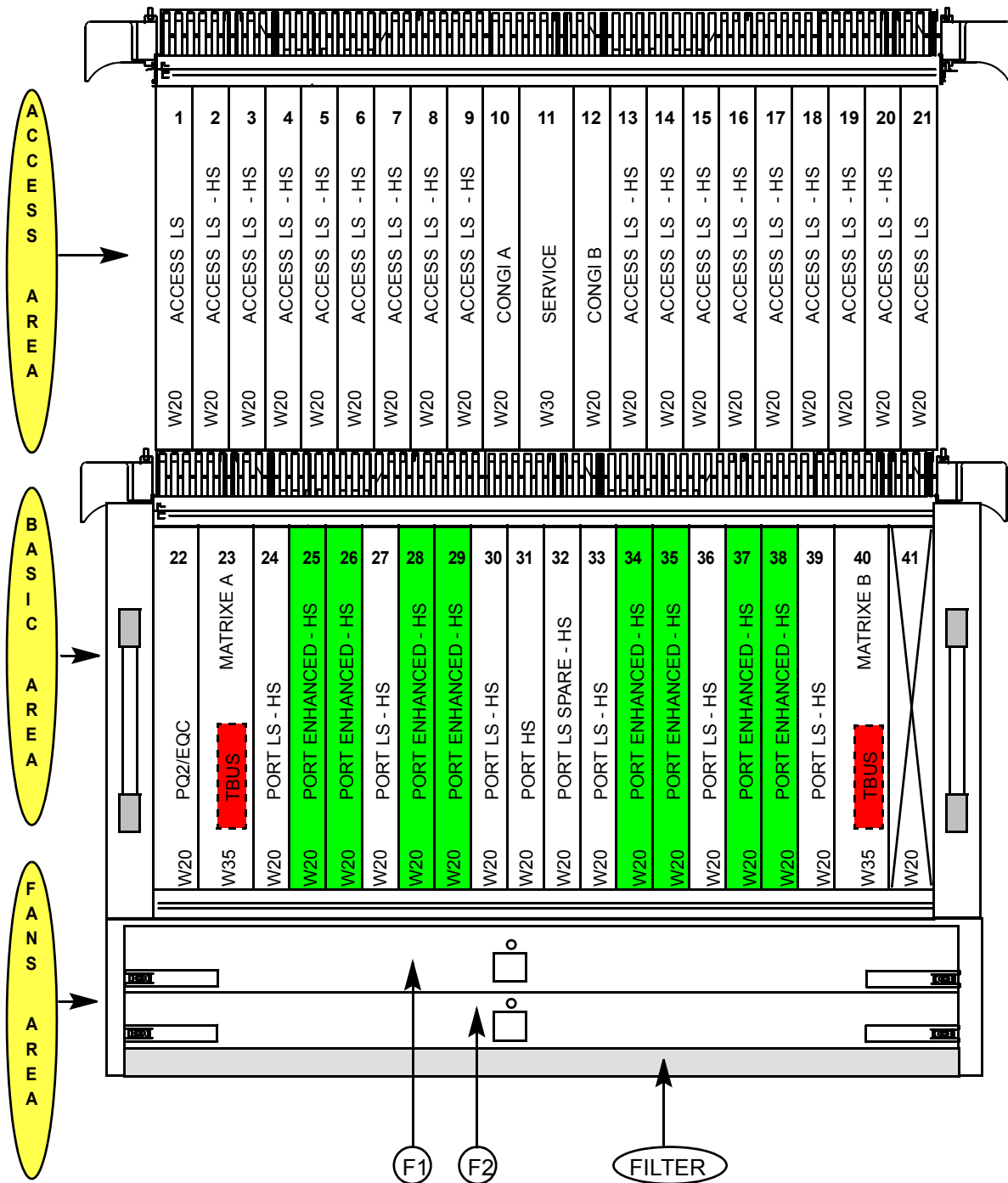


Figure 20. 19" Fans subrack unit slots

### 2.1.3 1660SM Shelf “with fans” front view



W = mm width

Figure 21. 1660SM units positioning in 1660 subrack with fans

## 2.2 Air Deflectors positions

The Air Deflectors are mandatory for a correct working (air cooling) for the 1660SM equipment. They are accessory parts for the 1660SM subrack hosted in a rack (see Table 3. on page 48). Two different type of Lower Baffle and Air Filter are provisioned for a dirty environment or normal environment, but the Upper Baffle is the same for both environments.

In the following Figure 22. on page 47 is shown where the air deflectors provided for the 1660SM R5.4 equipment have to be positioned in a rack (up or down the 1660SM subrack).

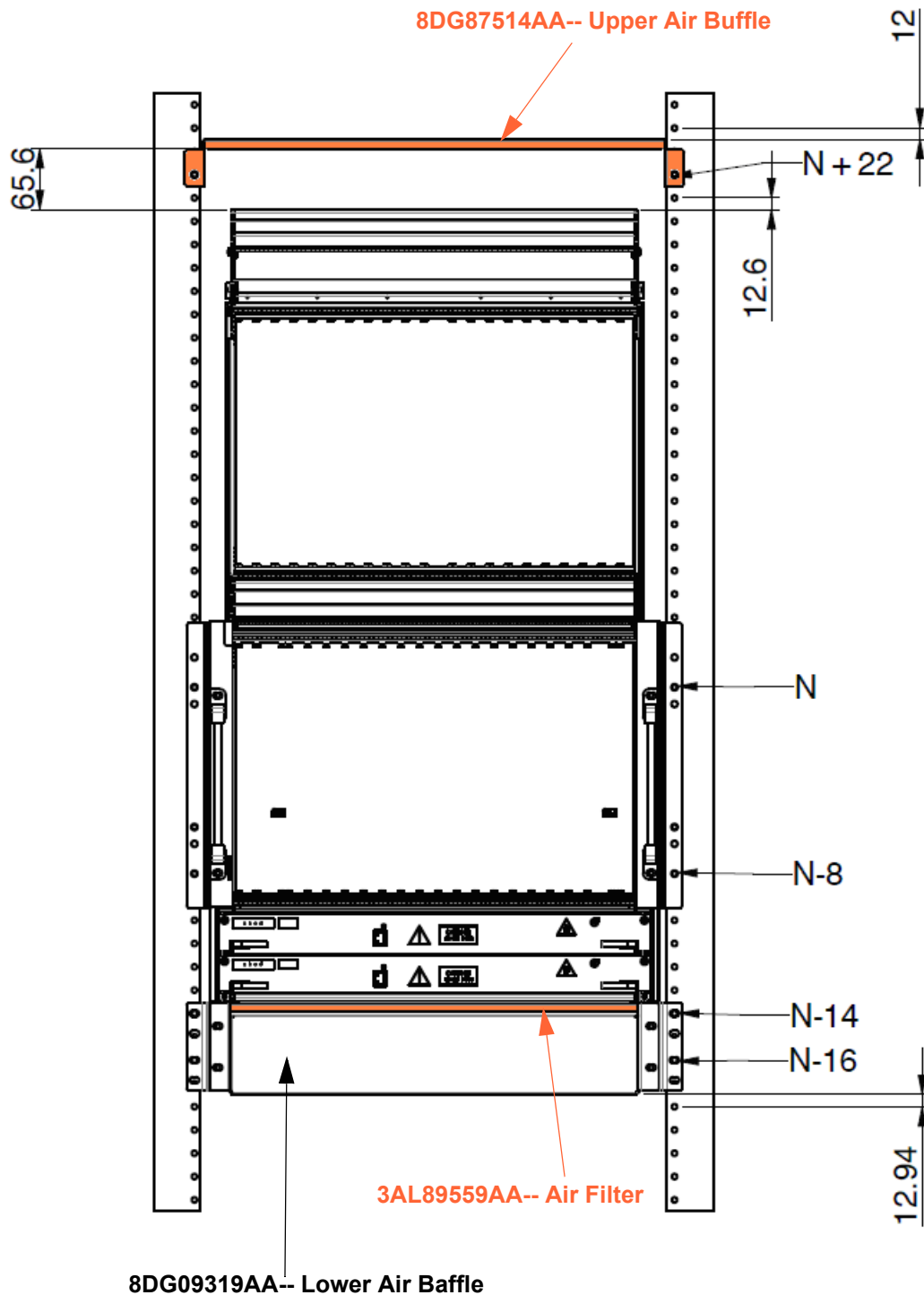


Figure 22. Air Deflector positions