### osmo-pcu: Hardcoded limit of maximum number of 8 TRX per BTS

#### Description

osmo-pcu has hardcoded the maximum number of expected TRX per BTS in several places. This means bigger BTS cannot be used by osmo-pcu or could even make it crash.

pcuif.proto.h limits it to 8 TRX:

```c
struct gsm_pcu_if_info_ind {
    uint32_t version;
    uint32_t flags;
    struct gsm_pcu_if_info_trx trx[8]; /* TRX infos per BTS */
} bts.h struct gprs_rlcmac_bts limits it to 8:

```bts.h struct gprs_rlcmac_trx trx[8];```

bts.cpp bts_add_paging() limits the TRX amount to 8 in slot_mask:

```c
/* ms is NULL if no specific taget was found */
int bts_add_paging(struct gprs_rlcmac_bts *bts, const struct paging_req_cs *req, struct GprsMs *ms)
{
    ...
    uint8_t slot_mask[8];
    ...
    /* break, if we already marked a slot */
    if ((slot_mask[tbf->trx->trx_no] & (1 << ts))
        break;
    ...}
```