

## TECHNICAL NOTE TN-1107

### Product Code Definitions used in the TM radio platforms

20 October 2005

#### Applicability

This Technical Note provides a definition of the product codes as they are utilised by TEL.

## 1. Product Codes

TMAB = Tait **M**obile series **A** Body

TMABab-cdee

**Radio Body**

#### **a = digital architecture**

- 1 = EP1C6 / 5402 <sup>1</sup>
- 2 = EP1C12 / 5409 <sup>2</sup>
- 3 = EP1C12 / 5509 <sup>3</sup>

#### **b = power / compliance**

- 2 = 25W, Mobile Rx
- 3 = 25W, Fixed station Rx
- 4 = High Tx power (30-59W, band dependent), Mobile Rx'R
- 5 = High Tx power (30-59W, band dependent), Fixed station Rx'R

#### **cd = frequency band**

- A4 = 66-88MHz
- B1 = 136-174MHz
- C0 = 174-225MHz
- D1 = 216-266MHz
- G0 = 336-400MHz
- H5 = 400-470MHz
- H6 = 450-530MHz
- H7 = 450-520MHz
- K5 = 762-870MHz

#### **ee = radio options**

00-99, 0A-9Z

00 = BNC

01 = mini-UHF

AA-ZZ (alpha only) = product item specific options. Codes to be re-assigned for different product items - don't assume any common meaning. Typically used to indicate a customisation of otherwise standard hardware or software.

A1-Z9 (alpha-numeric) = "universal" options, applicable across more than one TMAB platform, where the ee option in the sub-assembly (XMABab-cdee) is programmed into the Hardware ID String of the T product.

By implication, everything else will have ee=00 programmed into the Hardware ID String of the T product.

<sup>1</sup> This architecture is used principally in the TM81xx

<sup>2</sup> This architecture is used principally in the TM825x

<sup>3</sup> This architecture is used principally in the TM915x

TMAC = Tait **M**obile series **A** Control Head

# TMACgh-jj

## Control Head

### gh = control head user interface and options

10 = telemetry head, 9-pin D-range

20 = 2-digit display, 7-key, spkr

30 = telemetry head, 2x RJ45

34 = remote head interface, 2x RJ45, RS-485

40 = graphical display, 9-key, spkr

41 = graphical display (heated), emerg. 9-key, spkr, covert mic.

50 = 1-digit display, 7-key, spkr

### jj = head badging

OT Tait, TM8105

0A Auriga

OT Tait, TM8115

AT Tait, Auriga (Tait Logo, Auriga label)

OT Tait, TM8252

OT Tait, TM82xx

1T Tait, TM91xx

OT Tait, TM82xx

1T Tait, TM9155 (Platinum lens)

OT Tait, TM8110

AT Tait, Auriga (Tait Logo, Auriga label)

TMAA = Tait **M**obile series **A** Accessories

# TMAAmm-nn

## Accessories

### mm = accessory type

01 = internal option boards

02 = audio accessories (can be included in sales package)

03 = installation kits

04 = interconnect cables

05 = GPS accessories

10 = audio accessories (not included in standard sales package sleeve)

11 = reinstallation kits

12 = desktop PSU 10A (to suit 25W mobiles)

13 = desktop PSU 23A (to suit 40/50W mobiles)

20 = programming kits for TM8100/TM8200

21 = service kits for TM8100/TM8200

22 = spares kits

23 = programming kits for TM9100

24 = service kits for TM9100

30 = third party developer's kits

40 = display units

41 = starter kits

42 = external amplifier

**nn** = sequentially assigned number 00 – 99 where 00 signifies a master kit containing more than one of the other non-00 products

e.g.

TMAA21-00 - TM8000 Service Kit (CD, leads, manual & test unit)

includes:

- TMAA21-01 = Cable (DB15 socket to RJ45 plug)
- TMAA21-02 = Cable (T2000 power socket to TMA plug)

**Compliance Issues** Not all Products will be type approved or released for all markets.

**CSO Instruction** Inform all sales and service staff and dealers of the released information.

## 2. Issuing Authority

**Name and Position of Issuing Officer** Graham Brenchley  
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