

Considerations on updating Figure 154-3 and associated context

Peter Stassar, Huawei
Pete Anslow, Independent

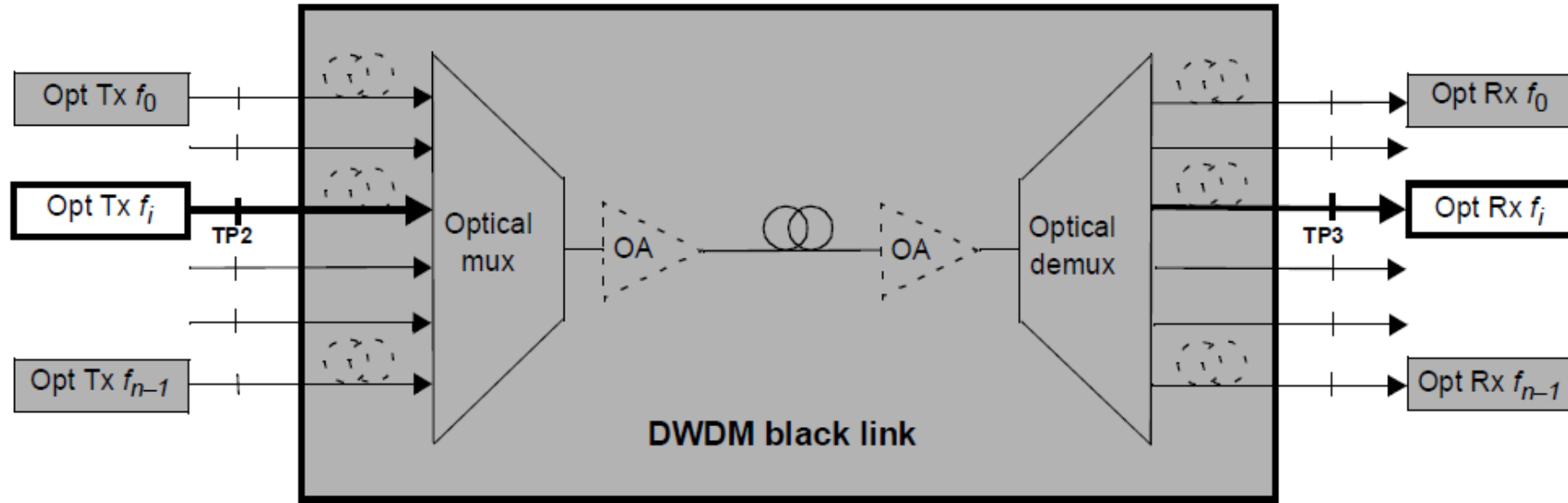
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Introduction

This presentation contains considerations on and proposals for addressing concerns related to Figure 154-3 in P802.3ct D3.1, discussed during the ad hoc call on 12 February.

In this presentation 3 different representations of Figure 154-3 are provided, which were mentioned during the call on 12 February, together with associated further thoughts on potential further Figures and text in an informative Annex.

Variant 1, close to original Figure 154-3

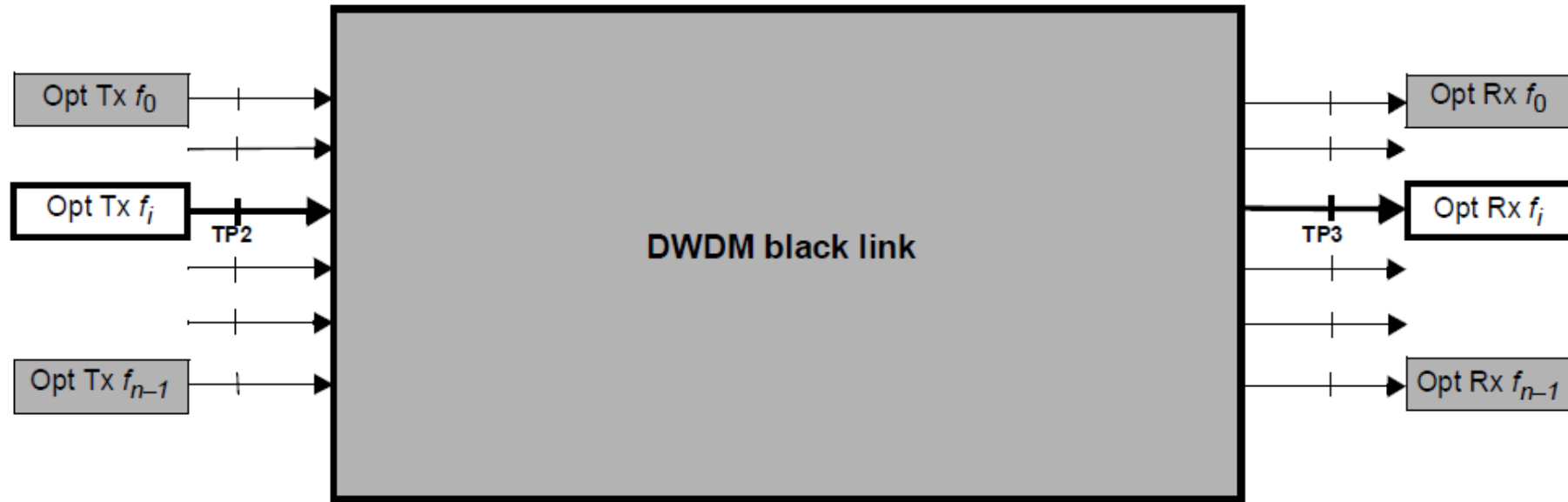


For clarity, only one direction of transmission is shown

Figure 154–3—DWDM black link example configuration for specifying n DWDM channels

- Including a note (consistent with other PMDs) “*For clarity, only one direction of transmission is shown*”
- Potential variant with bi-directional transmission can be described in text of 154.6 or by adding a figure to informative Annex 154A.

Variant 2, Figure 154-3 without internal details



For clarity, only one direction of transmission is shown

Figure 154–3—DWDM black link example specifying n DWDM channels

- Including a note (consistent with other PMDs) “*For clarity, only one direction of transmission is shown*”.
- Could add existing Figure 154-3 (with details) to informative Annex 154A.
- Potential variant with bi-directional transmission can be described in text of 154.6 or by adding a figure to informative Annex 154A.

Variant 3, “double” variant 2, showing full duplex

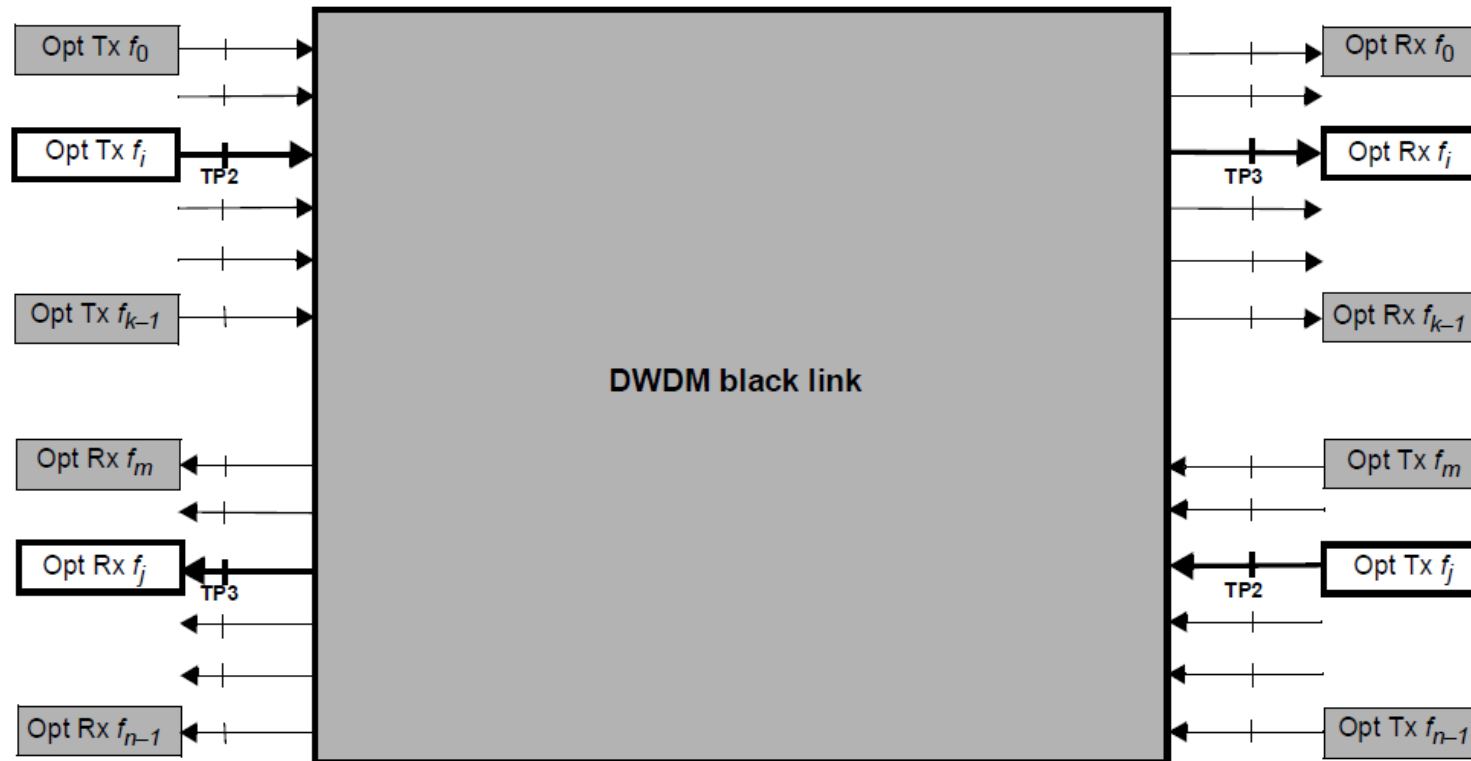


Figure 154–3—DWDM black link example

- Could add existing Figure 154-3 (with details) to informative Annex 154A.
- Potential variant with bi-directional transmission can be described in text of 154.6 or by adding a figure to informative Annex 154A.

Comparing variants

1: close to original Fig 154-3	2: Fig 154-3 without details	3: no details and 2 directions
Maybe too much info	Would be a “clean” approach	Would be a “clean” / purist approach, maybe too much for the purposes of 154.6
Not wrong/broken and in draft since D1.0	No insight to reader what could be inside DWDM black link	No insight to reader what could be inside DWDM black link
Provides insight in which functions are inside DWDM black link	Would need to go into Annex to find out (sort of hidden)	Would need to go into Annex to find out (sort of hidden)

Thanks!