

END-OF-LIFE ANNOUNCEMENT FOR THE ONS 15800/ONS 15801 10-Gbps B1 NO-FEC TRANSPONDERS

OVERVIEW

This document contains the End-of-Life plan for ONS 15800 and ONS 15801 10-Gbps B1 No-FEC Transponders. HW and related FW and SW components, as well as Technical Publication manuals of this product release, are included in the End-of-Life plan.

END-OF-LIFE JUSTIFICATION AND RATIONALE

ONS 15800 and ONS 15801 10-Gbps B1 No-FEC Transponders End-of-Life is justified mainly by the availability of 10-Gbps FEC Transponders. These transponders are better in terms of performances, reliability, and operability.

KEY END-OF-LIFE DATES / MAJOR MILESTONES

This section includes a list of the key End-of-Life Dates/Major Milestones for 10-Gbps B1 Transponders.

Item No.	Major Milestone	Owner	Planned Date
1	End-of-Life Announcement Date	Product Line Manager	Oct 22, 2002
2	End-of-Sale date	Product Line Manager— NPPM—PDT—Pricing Team	July 29, 2003
3	End of SW Maintenance	Product Line Manager	Dec 29, 2003
4	End of Service Contract Renewal Date	–	July 29, 2007
5	Last Date of Support	TME—TAC	July 29, 2008

End-of-Sale date (July 29, 2003) is the Last Buy Date.

PRODUCT PART NUMBERS AFFECTED BY THIS ANNOUNCEMENT

The list of Product IDs included in this End-of-Life plan is reported in the Table below.

Product ID	Product Description
WCM-10G-M01	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 01
WCM-10G-M01=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 01, Spare
WCM-10G-M02	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 02
WCM-10G-M02=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 02, Spare
WCM-10G-M03	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 03
WCM-10G-M03=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 03, Spare
WCM-10G-M04	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 04
WCM-10G-M04=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 04, Spare
WCM-10G-M05	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 05
WCM-10G-M05=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 05, Spare
WCM-10G-M06	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 06
WCM-10G-M06=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 06, Spare
WCM-10G-M07	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 07
WCM-10G-M07=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 07, Spare
WCM-10G-M08	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 08
WCM-10G-M08=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 08, Spare
WCM-10H-M09	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 09
WCM-10H-M09=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 09, Spare
WCM-10H-M10	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 10
WCM-10H-M10=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 10, Spare
WCM-10H-M11	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 11
WCM-10H-M11=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 11, Spare
WCM-10H-M12	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 12
WCM-10H-M12=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 12, Spare
WCM-10H-M13	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 13
WCM-10H-M13=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 13, Spare
WCM-10H-M14	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 14
WCM-10H-M14=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 14, Spare
WCM-10H-M15	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 15
WCM-10H-M15=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 15, Spare
WCM-10H-M16	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 16
WCM-10H-M16=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 16, Spare
WCM-10H-M17	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 17
WCM-10H-M17=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 17, Spare
WCM-10H-M18	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 18
WCM-10H-M18=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 18, Spare
WCM-10H-M19	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 19

Product ID	Product Description
WCM-10H-M19=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 19, Spare
WCM-10H-M20	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 20
WCM-10H-M20=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 20, Spare
WCM-10H-M21	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 21
WCM-10H-M21=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 21, Spare
WCM-10H-M22	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 22
WCM-10H-M22=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 22, Spare
WCM-10H-M23	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 23
WCM-10H-M23=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 23, Spare
WCM-10H-M24	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 24
WCM-10H-M24=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 24, Spare
WCM-10H-M25	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 25
WCM-10H-M25=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 25, Spare
WCM-10H-M26	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 26
WCM-10H-M26=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 26, Spare
WCM-10H-M27	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 27
WCM-10H-M27=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 27, Spare
WCM-10H-M28	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 28
WCM-10H-M28=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 28, Spare
WCM-10H-M29	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 29
WCM-10H-M29=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 29, Spare
WCM-10H-M30	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 30
WCM-10H-M30=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 30, Spare
WCM-10H-M31	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 31
WCM-10H-M31=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 31, Spare
WCM-10H-M32	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 32
WCM-10H-M32=	Wavelength Converter Module—10 Gbps—B1 Mon.—Ch. 32, Spare
LEM-10G-M01	Line Extender Module—10 Gbps—B1 Mon.—Ch. 01
LEM-10G-M01=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 01, Spare
LEM-10G-M02	Line Extender Module—10 Gbps—B1 Mon.—Ch. 02
LEM-10G-M02=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 02, Spare
LEM-10G-M03	Line Extender Module—10 Gbps—B1 Mon.—Ch. 03
LEM-10G-M03=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 03, Spare
LEM-10G-M04	Line Extender Module—10 Gbps—B1 Mon.—Ch. 04
LEM-10G-M04=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 04, Spare
LEM-10G-M05	Line Extender Module—10 Gbps—B1 Mon.—Ch. 05
LEM-10G-M05=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 05, Spare
LEM-10G-M06	Line Extender Module—10 Gbps—B1 Mon.—Ch. 06
LEM-10G-M06=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 06, Spare
LEM-10G-M07	Line Extender Module—10 Gbps—B1 Mon.—Ch. 07

Product ID	Product Description
LEM-10G-M07=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 07, Spare
LEM-10G-M08	Line Extender Module—10 Gbps—B1 Mon.—Ch. 08
LEM-10G-M08=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 08, Spare
LEM-10H-M09	Line Extender Module—10 Gbps—B1 Mon.—Ch. 09
LEM-10H-M09=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 09, Spare
LEM-10H-M10	Line Extender Module—10 Gbps—B1 Mon.—Ch. 10
LEM-10H-M10=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 10, Spare
LEM-10H-M11	Line Extender Module—10 Gbps—B1 Mon.—Ch. 11
LEM-10H-M11=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 11, Spare
LEM-10H-M12	Line Extender Module—10 Gbps—B1 Mon.—Ch. 12
LEM-10H-M12=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 12, Spare
LEM-10H-M13	Line Extender Module—10 Gbps—B1 Mon.—Ch. 13
LEM-10H-M13=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 13, Spare
LEM-10H-M14	Line Extender Module—10 Gbps—B1 Mon.—Ch. 14
LEM-10H-M14=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 14, Spare
LEM-10H-M15	Line Extender Module—10 Gbps—B1 Mon.—Ch. 15
LEM-10H-M15=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 15, Spare
LEM-10H-M16	Line Extender Module—10 Gbps—B1 Mon.—Ch. 16
LEM-10H-M16=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 16, Spare
LEM-10H-M17	Line Extender Module—10 Gbps—B1 Mon.—Ch. 17
LEM-10H-M17=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 17, Spare
LEM-10H-M18	Line Extender Module—10 Gbps—B1 Mon.—Ch. 18
LEM-10H-M18=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 18, Spare
LEM-10H-M19	Line Extender Module—10 Gbps—B1 Mon.—Ch. 19
LEM-10H-M19=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 19, Spare
LEM-10H-M20	Line Extender Module—10 Gbps—B1 Mon.—Ch. 20
LEM-10H-M20=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 20, Spare
LEM-10H-M21	Line Extender Module—10 Gbps—B1 Mon.—Ch. 21
LEM-10H-M21=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 21, Spare
LEM-10H-M22	Line Extender Module—10 Gbps—B1 Mon.—Ch. 22
LEM-10H-M22=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 22, Spare
LEM-10H-M23	Line Extender Module—10 Gbps—B1 Mon.—Ch. 23
LEM-10H-M23=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 23, Spare
LEM-10H-M24	Line Extender Module—10 Gbps—B1 Mon.—Ch. 24
LEM-10H-M24=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 24, Spare
LEM-10H-M25	Line Extender Module—10 Gbps—B1 Mon.—Ch. 25
LEM-10H-M25=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 25, Spare
LEM-10H-M26	Line Extender Module—10 Gbps—B1 Mon.—Ch. 26
LEM-10H-M26=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 26, Spare
LEM-10H-M27	Line Extender Module—10 Gbps—B1 Mon.—Ch. 27

Product ID	Product Description
LEM-10H-M27=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 27, Spare
LEM-10H-M28	Line Extender Module—10 Gbps—B1 Mon.—Ch. 28
LEM-10H-M28=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 28, Spare
LEM-10H-M29	Line Extender Module—10 Gbps—B1 Mon.—Ch. 29
LEM-10H-M29=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 29, Spare
LEM-10H-M30	Line Extender Module—10 Gbps—B1 Mon.—Ch. 30
LEM-10H-M30=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 30, Spare
LEM-10H-M31	Line Extender Module—10 Gbps—B1 Mon.—Ch. 31
LEM-10H-M31=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 31, Spare
LEM-10H-M32	Line Extender Module—10 Gbps—B1 Mon.—Ch. 32
LEM-10H-M32=	Line Extender Module—10 Gbps—B1 Mon.—Ch. 32, Spare
RXT-10G-M	Receive Transponders—10 Gbps—B1 Monitoring
RXT-10G-M=	Receive Transponders—10 Gbps—B1 Monitoring, Spare

MIGRATION STRATEGY

10-Gbps B1 No-FEC Transponders are managed by all the existing SW releases of ONS 15800/15801 platforms. 10-Gbps B1 FEC Transponders are managed by ONS 15800 Release 1.6 onward and ONS 15801 Release 1.4 onward. It is mandatory to upgrade the network at list at the releases indicated above.

The list of FW and SW packages that have been released with ONS 15800 and ONS 15801—Release 1.6.x, 1.4.x, and 2.0.x—can be found in the “Release Notes” document that is available on CCO Website at the following location:

http://www.cisco.com/en/US/products/hw/optical/ps2016/prod_release_notes_list.html.

It is not possible to swap a 10-Gbps B1 Transponder with a 10-Gbps FEC Transponder even if the SW release manages both the cards. This is due to the different bit-rate at which the two versions of transponders work; 10-Gbps B1 uses as line bit rate 9.952 Gbps while 10-Gbps FEC works at 10.66 Gbps. In case it is required to swap a 10-Gbps B1 card with a 10-Gbps FEC card, it is mandatory to swap all the transponders (both the directions) belonging to that wavelength. In any case, the system supports a simultaneous use of transponder 10-Gbps B1 and 10-Gbps FEC on different wavelengths. System performance is limited by the 10-Gbps B1 channels that are less performing than the 10-Gbps FEC ones.



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