

End-of-Sale and End-of-Life Announcement for the Cisco ONS 15454E STM-16 SH, LH, and ELH 1-Port Cards

EOL5562

Cisco® announces the end-of-sale and end-of-life dates for the Cisco ONS 15454E STM-16 SH, LH, and ELH 1-Port Cards. The last day to order the Cisco ONS 15454E STM-16 SH, LH, and ELH 1-Port Cards is April 12, 2008. Customers with active service contracts will continue to receive support from the Cisco Technical Assistance Center (TAC) as shown in Table 1 of the EOL bulletin. Table 1 describes the end-of-life milestones, definitions, and dates for the Cisco ONS 15454E STM-16 SH, LH, and ELH 1-Port Cards. Table 2 lists the product part numbers affected by this announcement.

New cards, such as the Cisco ONS 15454E 12-Port SFP-Based Multirate Optics Card (MRC-12), at 10 Gbps or 2.5 Gbps, offer much higher-value propositions than the outgoing cards. The MRC-12 accommodates Small Form-Factor Pluggable (SFP) optics, providing higher port density and multirate capability per slot than the STM-16 fixed optics cards they are replacing. Both MRC cards support not just the STM-16 rate, but the STM-1 and STM-4 as well, scalable up to 10 Gbps or 2.5 Gbps, depending on the card, slot, and cross-connect combination. The MRC cards also support SFPs of different reaches such as STM-16 SH, IH, LH, and DWDM. Plus, SFPs can be added to the cards as demand increases, and they are per-port provisionable, thereby minimizing the initial costs and simplifying operations. Wavelengths can, therefore, be added or changed without changing the card. The MRC cards can be provisioned for operation with SDH protection options such as unidirectional-path switched ring (UPSR), subnetwork connection protection (SNCP), path-protected mesh network (PPMN), two-fiber or four-fiber bidirectional line switched ring or multiplex section-shared protection ring (MS-SPR), 1+1 automatic protection switching (APS) or multiplexed switching protection (MSP), and unprotected.

Table 1. End-of-Life Milestones and Dates for the Cisco ONS 15454E STM-16 SH, LH, and ELH 1-Port Cards

Milestone	Definition	Date
End-of-Life Announcement Date	The date the document that announces the end of sale and end of life of a product is distributed to the general public.	April 13, 2007
End-of-Sale Date	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.	April 12, 2008
Last Ship Date: HW	The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.	July 12, 2008
End of Routine Failure Analysis Date: HW	The last-possible date a routine failure analysis may be performed to determine the cause of product failure or defect.	April 12, 2009
End of New Service Attachment Date: HW	For equipment and software that is not covered by a service-and-support contract, this is the last date to order a new service-and-support contract or add the equipment and/or software to an existing service-and-support contract.	April 12, 2009
End of Service Contract Renewal Date: HW	The last date to extend or renew a service contract for the product.	July 11, 2012
Last Date of Support: HW	The last date to receive service and support for the product. After this date, all support services for the product are unavailable, and the product becomes obsolete.	April 11, 2013

HW = Hardware

OS SW = Operating System Software

App. SW = Application Software

The MRC cards can operate with the XC-VXL and XC-VXC Cross-Connect Cards. They require the Cisco ONS 15454E Timing, Communications, and Control 2 Card (TCC2) or TCC2-Plus (TCC2P) Card to support the data communications channel (DCC) capacity. MRC-12 10 Gbps requires Cisco ONS 15454E Software Release 6.0 or greater, and the MRC-12 2.5 Gbps requires Cisco ONS 15454E Software Release 8.0 or greater.

Table 2. Product Part Numbers Affected by This Announcement

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description
15454E-EL16HS3033	1 port STM-16 Extd LH (High Speed Slot) 1530.33nm	15454E-MRC-2.5G12 or 15454E-MRC-I-12 with ONS-SC-2G-30.3	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS3033=	1 port STM-16 Extd LH (High Speed Slot) 1530.33nm	15454E-MRC-2.5G12= or 15454E-MRC-I-12= with ONS-SC-2G-30.3=	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS3190	1 port STM-16 Extd LH (High Speed Slot) 1531.90nm	15454E-MRC-2.5G12 or 15454E-MRC-I-12 with ONS-SC-2G-31.9	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS3190=	1 port STM-16 Extd LH (High Speed Slot) 1531.90nm	15454E-MRC-2.5G12= or 15454E-MRC-I-12= with ONS-SC-2G-31.9=	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS3347	1 port STM-16 Extd LH (HS Slot)1533.47nm(200 GHz 15216 only)	15454E-MRC-2.5G12 or 15454E-MRC-I-12 with ONS-SC-2G-33.4	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS3347=	1 port STM-16 Extd LH (HS Slot)1533.47nm(200 GHz 15216 only)	15454E-MRC-2.5G12= or 15454E-MRC-I-12= with ONS-SC-2G-33.4=	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS3504	1 port STM-16 Extd LH (High Speed Slot) 1535.04nm	15454E-MRC-2.5G12 or 15454E-MRC-I-12 with ONS-SC-2G-35.0	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS3504=	1 port STM-16 Extd LH (High Speed Slot) 1535.04nm	15454E-MRC-2.5G12= or 15454E-MRC-I-12= with ONS-SC-2G-35.0=	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS3661	1 port STM-16 Extd LH (High Speed Slot) 1536.61nm	15454E-MRC-2.5G12 or 15454E-MRC-I-12 with ONS-SC-2G-36.6	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS3661=	1 port STM-16 Extd LH (High Speed Slot) 1536.61nm	15454E-MRC-2.5G12= or 15454E-MRC-I-12= with ONS-SC-2G-36.6=	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS3819	1 port STM-16 Extd LH (High Speed Slot) 1538.19nm	15454E-MRC-2.5G12 or 15454E-MRC-I-12 with ONS-SC-2G-38.1	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS3819=	1 port STM-16 Extd LH (High Speed Slot) 1538.19nm	15454E-MRC-2.5G12= or 15454E-MRC-I-12= with ONS-SC-2G-38.1=	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS3977	1 port STM-16 Extd LH (High Speed Slot) 1539.77nm	15454E-MRC-2.5G12 or 15454E-MRC-I-12 with ONS-SC-2G-39.7	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS3977=	1 port STM-16 Extd LH (High Speed Slot) 1539.77nm	15454E-MRC-2.5G12= or 15454E-MRC-I-12= with ONS-SC-2G-39.7=	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS4135	1 port STM-16 Extd LH(HS Slot)1541.35nm(200 GHz 15216 only)	15454E-MRC-2.5G12 or 15454E-MRC-I-12 with ONS-SC-2G-41.3	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS4135=	1 port STM-16 Extd LH(HS Slot)1541.35nm(200 GHz 15216 only)	15454E-MRC-2.5G12= or 15454E-MRC-I-12= with ONS-SC-2G-41.3=	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS4294	1 port STM-16 Extd LH (High Speed Slot) 1542.94nm	15454E-MRC-2.5G12 or 15454E-MRC-I-12 with ONS-SC-2G-42.9	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS4294=	1 port STM-16 Extd LH (High Speed Slot) 1542.94nm	15454E-MRC-2.5G12= or 15454E-MRC-I-12= with ONS-SC-2G-42.9=	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description
15454E-EL16HS4772	1 port STM-16 Extd LH (High Speed Slot) 1547.72nm	15454E-MRC-2.5G12 or 15454E-MRC-I-12 with ONS-SC-2G-47.7	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS4772=	1 port STM-16 Extd LH (High Speed Slot) 1547.72nm	15454E-MRC-2.5G12= or 15454E-MRC-I-12= with ONS-SC-2G-47.7=	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS4932	1 port STM-16 Extd LH (HS Slot)1549.32nm(200 GHz 15216 only)	15454E-MRC-2.5G12 or 15454E-MRC-I-12 with ONS-SC-2G-49.3	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS4932=	1 port STM-16 Extd LH (HS Slot)1549.32nm(200 GHz 15216 only)	15454E-MRC-2.5G12= or 15454E-MRC-I-12= with ONS-SC-2G-49.3=	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS5092	1 port STM-16 Extd LH (High Speed Slot) 1550.92nm	15454E-MRC-2.5G12 or 15454E-MRC-I-12 with ONS-SC-2G-50.9	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS5092=	1 port STM-16 Extd LH (High Speed Slot) 1550.92nm	15454E-MRC-2.5G12= or 15454E-MRC-I-12= with ONS-SC-2G-50.9=	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS5252	1 port STM-16 Extd LH (High Speed Slot) 1552.52nm	15454E-MRC-2.5G12 or 15454E-MRC-I-12 with ONS-SC-2G-52.5	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS5252=	1 port STM-16 Extd LH (High Speed Slot) 1552.52nm	15454E-MRC-2.5G12= or 15454E-MRC-I-12= with ONS-SC-2G-52.5=	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS5413	1 port STM-16 Extd LH (High Speed Slot) 1554.13nm	15454E-MRC-2.5G12 or 15454E-MRC-I-12 with ONS-SC-2G-54.1	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS5413=	1 port STM-16 Extd LH (High Speed Slot) 1554.13nm	15454E-MRC-2.5G12= or 15454E-MRC-I-12= with ONS-SC-2G-54.1=	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS5575	1 port STM-16 Extd LH (High Speed Slot) 1555.75nm	15454E-MRC-2.5G12 or 15454E-MRC-I-12 with ONS-SC-2G-55.7	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS5575=	1 port STM-16 Extd LH (High Speed Slot) 1555.75nm	15454E-MRC-2.5G12= or 15454E-MRC-I-12= with ONS-SC-2G-55.7=	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS5736	1 port STM-16 Extd LH(HS Slot)1557.36nm(200 GHz 15216 only)	15454E-MRC-2.5G12 or 15454E-MRC-I-12 with ONS-SC-2G-57.3	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS5736=	1 port STM-16 Extd LH(HS Slot)1557.36nm(200 GHz 15216 only)	15454E-MRC-2.5G12= or 15454E-MRC-I-12= with ONS-SC-2G-57.3=	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS5898	1 port STM-16 Extd LH (High Speed Slot) 1558.98nm	15454E-MRC-2.5G12 or 15454E-MRC-I-12 with ONS-SC-2G-58.9	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS5898=	1 port STM-16 Extd LH (High Speed Slot) 1558.98nm	15454E-MRC-2.5G12= or 15454E-MRC-I-12= with ONS-SC-2G-58.9=	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS6061	1 port STM-16 Extd LH (High Speed Slot) 1560.61nm	15454E-MRC-2.5G12 or 15454E-MRC-I-12 with ONS-SC-2G-60.6	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-EL16HS6061=	1 port STM-16 Extd LH (High Speed Slot) 1560.61nm	15454E-MRC-2.5G12= or 15454E-MRC-I-12= with ONS-SC-2G-60.6=	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-L16.2-1	1 port STM-16 LH (Any Slot) 1550nm	15454E-MRC-2.5G12 or 15454E-MRC-I-12 with ONS-SI-2G-L2	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-L16.2-1=	1 port STM-16 LH (Any Slot) 1550nm	15454E-MRC-2.5G12= or 15454E-MRC-I-12= with ONS-SI-2G-L2=	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF
15454E-S16.1-1	1 port STM-16 SH (Any Slot) 1310nm	15454E-MRC-2.5G12 or 15454E-MRC-I-12 with ONS-SI-2G-11	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description
15454E-S16.1-1=	1 port STM-16 SH (Any Slot) 1310nm	15454E-MRC-2.5G12= or 15454E-MRC-1-12= with ONS-SI-2G-I1=	STM1/4/16, 2.5G or 10G Max, 12 ports, IOF

Product Migration Options

Customers are encouraged to migrate to the Cisco ONS15454E Multirate Card, 12-port 10 Gbps or 2.5 Gbps with STM-16 SFPs. Information about this product can be found at:

<http://www.cisco.com/en/US/products/hw/optical/ps2006/ps2008/index.html>.

Table 3. Product Comparisons

Feature	Cisco ONS 15454E STM-16 SH, LH, and ELH 1-Port Cards	Cisco ONS 15454E Multirate Card, 12-port 10 Gbps or 2.5 Gbps with STM-16 SFPs
Ports of STM16	1 fixed per card	1 on MRC12 2.5G and up to 4 on MRC12 10G

Customers can use the Cisco Technology Migration Plan (TMP) to trade in products and receive credit toward the purchase of new Cisco equipment. For more information about Cisco TMP, go to:

<http://www.cisco.com/go/tradein/>. The Cisco TMP application requires all users to have a

Cisco.com user ID.

Customers may be able to continue to purchase the end-of-sale product through the Cisco Authorized Refurbished Equipment program. Refurbished units of the end-of-sale product are available in limited supply for sale in certain countries on a first-come, first-served basis. For information about the refurbished equipment program, go to:

<http://www.cisco.com/web/ordering/ciscocapital/refurbished/index.html>.

For More Information

For more information about the Cisco ONS 15454E Multirate Card, 12-port 10 Gbps or 2.5 Gbps with STM-16 SFPs, visit:

<http://www.cisco.com/en/US/products/hw/optical/ps2006/ps2008/index.html> or contact your local account representative.

For more information about the Cisco End-of-Life Policy, go to:

http://www.cisco.com/en/US/products/prod_end_of_life.html.

To subscribe to receive end-of-life/end-of-sale information, go to:

<http://www.cisco.com/cgi-bin/Support/FieldNoticeTool/field-notice>.



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