# PCEP Extension for WSON Routing and Wavelength Assignment

## <draft-lee-pce-wson-rwa-ext-03.txt>

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# Updates from the last version

- Editorials

- 4.2.2. Wavelength Restriction Field sub-TLV
  - Align with [Gen-Encode].

- 4.3. Signal processing capability restrictions
  - Refine the definition of <endpoint-restriction> to align with [WSON-Encode] as follows:

<endpoint-restrictions> ::= <LABEL-REQUEST> <label-restriction-list> [<signal-compatibility-restriction>...]

where signal-compatibility-restriction ::= <MODULATION-FORMAT-LIST>|<FEC-LIST>

# Updates from the last version

- 4.3.5. Objective Functions (Add a New Section)

  The Following new objective functions are defined (Objective Function Codes: TBA) .

  - Maximum residual spectrum Description: Find a Path such that ( Max { (s(Li))), i=1...N}) is minimized.
  - Minimize the free spectrum Description: Find a Path such that ( Max { (S(Li)), i=1...N}) is maximized.
  - Maximize the remaining total spectrum. Description: Find a Path such that ( Max { (ST(Li)), i=1...N}) is maximized.

  Issue:  Shall this section be a part of the current draft or be a separate draft?

# Next Steps

- Adopt to be a WG document ☺

- Refine and resolve open issues in the revision