ISIS-Hello	ECT-ALGORITHM= 00-80-C2-11 (after .1aq's) B-VID = VID|0	If VID = 0 then no B-TAG else normal B-TAG. Only one ECT-ALGORITHM required and only one B-VID (or 0) required. Multiple B-VIDs may be used but only one ECT-ALGORITHM for Qbp now.
ISIS-LSP	ISID-ADDR-TLV B-VID (as above) ***Tx;Rx;Ts***;,***SUB-ALG:4***,ISID:24 1 bit reserved	ISID in Qbp mode when B-VID matches ECT-ALGORITHM VID (above). **Tx**=(S,G) Transmitter, **Rx**=Receiver, **Ts** =(*,G) Transmitter Tie breaking/root selection based on XOR against MASK[**SUB-ALG**] (similar to the 802.1aq CIST algorithm but with MASK)
ISIS-LSP OPAQUE	Optional opaque data for Qbp ECT-ALG overrides BridgePriority	Opaque Data for ECT-ALGORITHM 00-80-C2-11 (.1Qbp) is: <SUB-ALG:8, BridgePriority:24> ..... => Fine grained root control
Group DA Format	(*,G) => 00-1e-83-xx-xx-xx (S,G) => SpSource-xx-xx-xx Head => B-DA	Shared TREE – Uses PBB OUI where xx-xx-xx is ISID. Source TREE uses SPBM format where xx-xx-xx is ISID. Head replication just uses normal unicast B-DA for each copy.
Compute	Unicast	Run SPF from self. On equal cost alternatives, "OR" ECMP sets of the two alternatives together to form ECMP set for this child (like OSPF/IP).
Compute	Multicast – Shared Tree 16 trees, one per ***SUB-ALG*** when at least one ***Ts*** bit is set (can grow to 32 trees).	Find node with lowest BridgeIdentifier XOR MASK[***SUB-ALG***]. Run SPF with that node as root. When two equal cost choices, the child picks parent with lowest BridgeIdentifier XOR MASK[***SUB-ALG***]. Then prune tree per ISID with ***Ts*** bit set. FIB DA is 00-1E-83-xx-xx-xx
Compute	Multicast – Source tree 16 per source, one per ***SUB-ALG*** when at least one ***Tx*** is set. (can grow to 32 trees)	Same as above except that source is the Bridge with the ISID ***Tx*** bit set. Then prune tree per ISID (same as AQ but *not symmetric*) because tie breaker only backtracks to parents to pick min masked BridgeIdentifier.
Compute	Multicast – Head end replication	Head end builds replication over unicast tunnels to all ISID with ***Rx*** set.
Data Path	PBB + F-TAG [B-TAG optional]	F-TAG = <F-TAG-TYPE:16, PCP:3,DEI:1,RESV: 6, ***TTL***:6, ***Flow-ID***:16 >
Loop Mitigation	TTL Agreement protocol optional	Decrement. (RPFC dropped since strong loop prevention possible with AQ agreement, and RPFC would create two new L2 tables.)

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obviously OA&M not included