Changes to RFC 1759 (Internet Draft Revision 120796)

RFC1759 had 9 mandatory groups and 9 optional groups. Now there are 11 optional groups. The two new groups are: prtInputSwitchingGroup and prtAuxiliarySheetGroup

MIN-ACCESS has been added to all objects that had MAX-ACCESS of READ-WRITE in RFC1759. All MIN-ACCESS is READ-ONLY except for one object, prtGeneralReset, which has MIN-ACCESS of READ-WRITE.

Following values were added to or deprecated from the respective objects:

> prtMarkerSuppliesType
> > fuser(15),
> > coronaWire(16),
> > fuserOilWick(17),
> > cleanerUnit(18),
> > fuserCleaningPad(19),
> > transferUnit(20),
> > tonerCartridge(21),
> > fuserOiler(22)
>
> prtMarkerSuppliesSupplyUnit
> > impressions(7),
> > sheets(8),
> > feet(16),
> > meters(17)
>
> prtChannelType
> > chPort9100(11) **deprecated**
> > chUSB(34)
> > chIRDA(35)
> > chPrintXChange(36)
> > chPortTCP(37)
> > chBidirPortTCP(38)
> > chUNPP(39)
> > chAppleTalkADSP(40)
> > chPortSPX(41)
> > chPortHTTP(42)
> > chNDPS(43)
>
> prtInterpreterLangFamily
> > langPCLXL(47)
> > langART(48)
> > langTIPSI(49)
> > langPrescribe(50)
> > langLinePrinter(51)
> > langIDP(52)
> > LangXJCL(53)
>
> prtAlertTrainingLevel
> > noInterventionRequired(7)
>
> prtAlertGroup
> > alert(18)

prtAlertCode
subunitMissing(9)
subunitLifeAlmostOver(10)
subunitLifeOver(11)
subunitAlmostEmpty(12)
printerNMSReset(505)
printerManualReset(506)
printerReadyToPrint(507)
inputMediaChangeRequest(809)
inputManualInputRequest(810)
inputTrayPositionRequest(811)
inputTrayElevationFailure(812)
inputCannotFeedSizeSelected(813)
outputMailboxSelectFailure(904)
markerFuserTimingFailure(1003)
markerFuserThermistorFailure(1004)
markerAdjustingPrintQuality(1005)
markerTonerCartridgeMissing(1115)
interpreterComplexPageEncountered(1509)
alertRemovalOfBinaryChangeEntry(1801)

Following are new Textual Conventions (not present in RFC1759):

PrtSupplementaryPageContentTC (see where this one is used in new draft)
PrtPrintOrientationTC (this one should be deleted)
PrtCoverStatusTC
PrtGeneralResetTC
PrtChannelStateTC
PrtChannelTypeTC
PrtInterpreterLangFamilyTC
PrtInputTypeTC
PrtOutputTypeTC
PrtOutputStackingOrderTC
PrtOutputPageDeliveryOrientationTC
PrtMarkerMarkTechTC
PrtMarkerCounterUnitTC
PrtMarkerSuppliesTypeTC
PrtMarkerSuppliesSupplyUnitTC
PrtMarkerSuppliesClassTC
PrtMarkerColorantRoleTC
PrtMediaPathMaxSpeedPrintUnitTC
PrtMediaPathTypeTC
PrtInterpreterDefaultOrientationTC
PrtInterpreterTwoWayTC
PrtConsoleColorTC
PrtAlertSeverityLevelTC
PrtAlertTrainingLevelTC
PrtAlertGroupTC
PrtAlertCodeTC

The General Printer Group:

prtGeneralReset was INTEGER and is now a textual convention.

Six new objects were added:

prtGeneralStartupPage	PresentOnOff
prtGeneralBannerPage	PresentOnOff
prtGeneralAdminName	Octet string
prtGeneralSerialNumber	Octet string
prtAlertCriticalEvents	Counter32
prtAlertAllEvents	Counter32

prtCoverStatus was INTEGER (Type 2 enum) and is now a textual convention

The Auxiliary Sheet Group (a new optional group)

prtGeneralStartupPage
prtGeneralBannerPage
prtGeneralAdminName
prtGeneralSerialNumber
prtAlertCriticalEvents
prtAlertAllEvents

The Input Group

prtInputType was INTEGER (Type2 enum) and is now a textual convention.

prtInputDimUnit was MediaUnit and is now a textual convention.

prtInputCapacityUnit was CapacityUnit and is now a textual convention

prtInputStatus was SubUnitStatus and is now a textual convention

Three new objects were added:

prtInputManualFeedTimeout	Integer32
prtInputAutoSwitch	PresentOnOff
prtInputNextIndex	Integer32

The Input Switching Group (a new optional group)

prtInputMediaLoadTimeout
prtInputNextIndex

The Output Group

prtOutputType was INTEGER (Type 2 enum) and is now a textual convention

prtOutputCapacityUnit was CapacityUnit and is now a textual convention

prtOutputStatus was SubUnitStatus and is now a textual convention

prtOutputDimUnit was MediaUnit and is now a textual convention

prtOutputStackingOrder was INTEGER (Type 1 enum) and is now a textual convention

prtOutputPageDeliveryOrientation was INTEGER (Type 1 enum) and is now a textual convention

The Output Features Group

prtOutputStackingOrder was INTEGER (Type 2 enum) and is now a textual convention

The Marker Group

prtMarkerMarkTech was INTEGER (Type 2 enum) and is now a textual convention

prtMarkerCounterUnit was INTEGER (Type 1 enum) and is now a textual convention

prtMarkerStatus was SubUnitStatus and is now a textual convention

The Marker Supplies Group

prtMarkerSuppliesClass was INTEGER (Type 1 enum) and is now a textual convention

prtMarkerSuppliesType was INTEGER (Type 3 enum) and is now a textual convention

prtMarkerSuppliesSupplyUnit was INTEGER (Type 1 enum) and is now a textual convention

The Marker Colorant Group

prtMarkerColorantRole was INTEGER (Type 1 enum) and is now a textual convention

The Media Path Group

prtMediaPathMaxSpeedPrintUnit was INTEGER (Type 1 enum) and is now a textual convention

prtMediaPathType was INTEGER (Type 2 enum) and is now a textual convention

prtMediaPathStatus was SubUnitStatus and is now a textual convention

prtMediaPathMediaSizeUnit was MediaUnit and is now a textual convention

The Print Job Delivery Channel Group (name changed from The Channel Group)

prtChannelType was INTEGER (Type 2 enum) and is now a textual convention

prtChannelStatus was SubUnitStatus and is now a textual convention

One new object was added:
  prtChannelInformation   DisplayString

prtChannelState was INTEGER (Type1 enum) and is now a textual convention

The Console Group

prtConsoleColor was INTEGER (Type 2 enum) and is now a textual convention

The Interpreter Group

prtInterpreterLangFamily was INTEGER (Type 2 enum) and is now a textual convention

prtInterpreterDefaultOrientation was INTEGER (Type 1 enum) and is now a textual convention

prtInterpreterTwoWay was INTEGER (Type 1 enum) and is now a textual convention

The Alerts Group

prtAlertSeverityLevel was INTEGER (Type 1 enum) and is now a textual convention

prtAlertTrainingLevel was INTEGER (Type 2 enum) and is now a textual convention

prtAlertGroup was INTEGER (Type 1 enum) and is now a textual convention

prtAlertCode was INTEGER (Type 2 enum) and is now a textual convention

The Alert Time Group is missing its heading in the revised document.