

PTR Heart and Heart-Lung File Format

A description of the format of the matchrun data specific to the PTR heart and heart-lung file follows. Both types of waitlist organs are stored in the same file. It is in SAS format.

The name of the file is ptr_hr_start_end[precision]_pub.sas7bdat OR ptr_hl_start_end[precision]_pub.sas7bdat (both files hold identical information), where:

- start* is the starting date for the data covered by the file, in yyyyymmdd format. Note there is an overlap of +/-7 days, so the file will actually include information up to 7 days prior to the start date.
- end* is the ending date for the data covered by the file, in yyyyymmdd format. Note there is an overlap of +/-7 days, so the file will actually include information up to 7 days after the end date.
- precision* is an optional suffix indicating the precision of the datetime values in the file. Without a suffix, all datetime values are provided in SAS datetime precision (representing the number of seconds since January 1, 1960). With the suffix '_d', all datetime values are provided in SAS date precision (representing the number days since January 1, 1960).

Field Description

Field	Format	Description
MATCH_ID	integer	Identifier for Match Run.
MATCH_ORG	character(4)	Organ run for this match. This has the following values: <ul style="list-style-type: none">• HL= heart-lung• HR= heart
MATCH_SUBMIT_DT	date or datetime, depending on file's precision	Date/Time Match was submitted.
DONOR_ID	integer	Unique Donor ID (all donors).
MATCH_OPO_CTR_CD	character(4)	OPO Center Code match was run for/by.

MATCH_OPO_CTR_TY	character(3)	<p>OPO Center Type match as run for/by. This has the following values:</p> <ul style="list-style-type: none"> • BUS= Business • CNT= Contractor • CON= Consortia Group • DH1= Donor Hospital • FOP= Foreign OPO • FTT= Foreign Lab • FTX= Foreign Hospital • GPM= Individual • GVT= Government • HTH= Health/Pharm/Ins • IO1= Hospital Based OPO • IT1= Hospital Based Lab • LCA= Local Coalition Affiliate • NMB= Non Member • NWS= Media • N01= Additional Non Member • N02= Additional Non Member • N03= Additional Non Member • N04= Additional Non Member • N05= Additional Non Member • N06= Additional Non Member • N07= Additional Non Member • N08= Additional Non Member • N09= Additional Non Member • OP1= Independent OPO • PUO= Medical/Scientific Organization • PUP= General Public • PUV= Public Organization • TX1= Transplant Hospital • TT1= Independent Lab • UNS= UNOS Staff • VA1= Veteran's Hospital
PTR_ROW_ORDER	integer	Unique identifier for an entry (empty classification; payback credit or candidate) on a match result.
PTR_SEQUENCE_NUM	integer	PTR Sequence Number (a ranking number for the PTR).
PTR_CLASS_ALLOC_CAT	character(9)	Joint field: [PTR Match Classification ID - which classification patient's was listed under for match (equivalent to match_cat)]-[Unique identifier for a specific change to a match allocation method]. There are many values associated with this field, and a separate SAS file is available with all the corresponding descriptions.
PTR_TOT_SCORE	float	Total score for the candidate on the match.
WLREG_AUDIT_ID	integer	Identifier for a modification to a waitlisted registration.
PX_ID	integer	Patient Identifier (includes patients added to the waitlisting and those identified by Living Donor Transplant).
PTR_STAT_CD	integer	Candidate's current Medical Urgency

		<p>Status. This has the following values:</p> <ul style="list-style-type: none"> • 1010= Status 1A • 1020= Status 1B • 1030= Status 2 • 1090= Old Status 1 • 1999= Temporarily Inactive • 2010= Status 1A • 2020= Status 1B • 2030= Status 2 • 2090= Old Status 1 • 2999= Temporarily inactive • 3010= Status 1 • 3020= Non-urgent • 3999= Temporarily Inactive • 4010= Active (1) • 4050= Active - Medically urgent (5) • 4060= Active - Critical Status (6) • 4999= Old Temporarily inactive (7) • 5010= Active • 5999= Old Temporarily Inactive • 6002= Old status 2 • 6004= Old status 4 • 6010= Status 1 • 6011= Status 1A • 6012= Status 1B • 6020= Status 2A • 6025= Region 7 Calculated 25 • 6029= Region 8 Lab Score 29 • 6030= Status 2B • 6040= Status 3 • 6050= MELD/PELD • 6101= MELD/PELD -99 • 6102= MELD/PELD -98 • 6103= MELD/PELD -97 • 6104= MELD/PELD -96 • 6105= MELD/PELD -95 • 6106= MELD/PELD -94 • 6107= MELD/PELD -93 • 6108= MELD/PELD -92 • 6109= MELD/PELD -91 • 6110= MELD/PELD -90 • 6111= MELD/PELD -89 • 6112= MELD/PELD -88 • 6113= MELD/PELD -87 • 6114= MELD/PELD -86 • 6115= MELD/PELD -85 • 6116= MELD/PELD -84 • 6117= MELD/PELD -83 • 6118= MELD/PELD -82 • 6119= MELD/PELD -81 • 6120= MELD/PELD -80 • 6121= MELD/PELD -79 • 6122= MELD/PELD -78 • 6123= MELD/PELD -77 • 6124= MELD/PELD -76 • 6125= MELD/PELD -75 • 6126= MELD/PELD -74
--	--	---

		<ul style="list-style-type: none"> • 6127= MELD/PELD -73 • 6128= MELD/PELD -72 • 6129= MELD/PELD -71 • 6130= MELD/PELD -70 • 6131= MELD/PELD -69 • 6132= MELD/PELD -68 • 6133= MELD/PELD -67 • 6134= MELD/PELD -66 • 6135= MELD/PELD -65 • 6136= MELD/PELD -64 • 6137= MELD/PELD -63 • 6138= MELD/PELD -62 • 6139= MELD/PELD -61 • 6140= MELD/PELD -60 • 6141= MELD/PELD -59 • 6142= MELD/PELD -58 • 6143= MELD/PELD -57 • 6144= MELD/PELD -56 • 6145= MELD/PELD -55 • 6146= MELD/PELD -54 • 6147= MELD/PELD -53 • 6148= MELD/PELD -52 • 6149= MELD/PELD -51 • 6150= MELD/PELD -50 • 6151= MELD/PELD -49 • 6152= MELD/PELD -48 • 6153= MELD/PELD -47 • 6154= MELD/PELD -46 • 6155= MELD/PELD -45 • 6156= MELD/PELD -44 • 6157= MELD/PELD -43 • 6158= MELD/PELD -42 • 6159= MELD/PELD -41 • 6160= MELD/PELD -40 • 6161= MELD/PELD -39 • 6162= MELD/PELD -38 • 6163= MELD/PELD -37 • 6164= MELD/PELD -36 • 6165= MELD/PELD -35 • 6166= MELD/PELD -34 • 6167= MELD/PELD -33 • 6168= MELD/PELD -32 • 6169= MELD/PELD -31 • 6170= MELD/PELD -30 • 6171= MELD/PELD -29 • 6172= MELD/PELD -28 • 6173= MELD/PELD -27 • 6174= MELD/PELD -26 • 6175= MELD/PELD -25 • 6176= MELD/PELD -24 • 6177= MELD/PELD -23 • 6178= MELD/PELD -22 • 6179= MELD/PELD -21 • 6180= MELD/PELD -20 • 6181= MELD/PELD -19 • 6182= MELD/PELD -18 • 6183= MELD/PELD -17 • 6184= MELD/PELD -16
--	--	--

		<ul style="list-style-type: none"> • 6185= MELD/PELD -15 • 6186= MELD/PELD -14 • 6187= MELD/PELD -13 • 6188= MELD/PELD -12 • 6189= MELD/PELD -11 • 6190= MELD/PELD -10 • 6191= MELD/PELD -9 • 6192= MELD/PELD -8 • 6193= MELD/PELD -7 • 6194= MELD/PELD -6 • 6195= MELD/PELD -5 • 6196= MELD/PELD -4 • 6197= MELD/PELD -3 • 6198= MELD/PELD -2 • 6199= MELD/PELD -1 • 6200= MELD/PELD 0 • 6201= MELD/PELD 1 • 6202= MELD/PELD 2 • 6203= MELD/PELD 3 • 6204= MELD/PELD 4 • 6205= MELD/PELD 5 • 6206= MELD/PELD 6 • 6207= MELD/PELD 7 • 6208= MELD/PELD 8 • 6209= MELD/PELD 9 • 6210= MELD/PELD 10 • 6211= MELD/PELD 11 • 6212= MELD/PELD 12 • 6213= MELD/PELD 13 • 6214= MELD/PELD 14 • 6215= MELD/PELD 15 • 6216= MELD/PELD 16 • 6217= MELD/PELD 17 • 6218= MELD/PELD 18 • 6219= MELD/PELD 19 • 6220= MELD/PELD 20 • 6221= MELD/PELD 21 • 6222= MELD/PELD 22 • 6223= MELD/PELD 23 • 6224= MELD/PELD 24 • 6225= MELD/PELD 25 • 6226= MELD/PELD 26 • 6227= MELD/PELD 27 • 6228= MELD/PELD 28 • 6229= MELD/PELD 29 • 6230= MELD/PELD 30 • 6231= MELD/PELD 31 • 6232= MELD/PELD 32 • 6233= MELD/PELD 33 • 6234= MELD/PELD 34 • 6235= MELD/PELD 35 • 6236= MELD/PELD 36 • 6237= MELD/PELD 37 • 6238= MELD/PELD 38 • 6239= MELD/PELD 39 • 6240= MELD/PELD 40 • 6241= MELD/PELD 41 • 6242= MELD/PELD 42
--	--	--

		<ul style="list-style-type: none"> • 6243= MELD/PELD 43 • 6244= MELD/PELD 44 • 6245= MELD/PELD 45 • 6246= MELD/PELD 46 • 6247= MELD/PELD 47 • 6248= MELD/PELD 48 • 6249= MELD/PELD 49 • 6250= MELD/PELD 50 • 6251= MELD/PELD 51 • 6252= MELD/PELD 52 • 6253= MELD/PELD 53 • 6254= MELD/PELD 54 • 6255= MELD/PELD 55 • 6256= MELD/PELD 56 • 6257= MELD/PELD 57 • 6258= MELD/PELD 58 • 6259= MELD/PELD 59 • 6260= MELD/PELD 60 • 6261= MELD/PELD 61 • 6262= MELD/PELD 62 • 6263= MELD/PELD 63 • 6264= MELD/PELD 64 • 6265= MELD/PELD 65 • 6266= MELD/PELD 66 • 6267= MELD/PELD 67 • 6268= MELD/PELD 68 • 6269= MELD/PELD 69 • 6270= MELD/PELD 70 • 6271= MELD/PELD 71 • 6272= MELD/PELD 72 • 6273= MELD/PELD 73 • 6274= MELD/PELD 74 • 6275= MELD/PELD 75 • 6276= MELD/PELD 76 • 6277= MELD/PELD 77 • 6278= MELD/PELD 78 • 6279= MELD/PELD 79 • 6280= MELD/PELD 80 • 6281= MELD/PELD 81 • 6282= MELD/PELD 82 • 6283= MELD/PELD 83 • 6284= MELD/PELD 84 • 6285= MELD/PELD 85 • 6286= MELD/PELD 86 • 6287= MELD/PELD 87 • 6288= MELD/PELD 88 • 6289= MELD/PELD 89 • 6290= MELD/PELD 90 • 6291= MELD/PELD 91 • 6292= MELD/PELD 92 • 6293= MELD/PELD 93 • 6294= MELD/PELD 94 • 6295= MELD/PELD 95 • 6296= MELD/PELD 96 • 6297= MELD/PELD 97 • 6298= MELD/PELD 98 • 6299= MELD/PELD 99 • 6999= Temporarily Inactive
--	--	--

		<ul style="list-style-type: none"> • 7010= Active • 7999= Temporarily Inactive • 8010= Active • 8999= Old Temporarily Inactive • 9010= Status 1 • 9020= Status 2 • 9030= Active • 9999= Old Temporarily Inactive
PTR_ACTIVATE_DT	date or datetime, depending on file's precision	PTR Waiting Time Date - relative date/time computed by active waiting time and date/time match was run.
PTR_XMATCH_RESULT_ID	integer	Crossmatch Result computed for the candidate from all the trays selected for the match.
PTR_OFFER_ID	integer	Unique ID in ptr_offer_match.
PTR_OFFER_ACPT	character(1)	Was Offer Accepted? This has the following values: <ul style="list-style-type: none"> • Y= yes • N= no • Z= provisional yes • B= bypass
PTR_ORG_PLACED	character(5)	Joint field: [Organ run for this match]-[code of organ placed]. The first part has the following values: <ul style="list-style-type: none"> • HL= Heart-Lung • HR= Heart The second part has the following values: <ul style="list-style-type: none"> • HL= Heart, Both Lungs • HR= Heart
PTR_PRIME_OPO_REFUSAL_ID	integer	OPO's primary refusal reason. This has the following values: <ul style="list-style-type: none"> • 800= Patient's condition improved, transplant not needed • 801= Patient ill, unavailable, refused, or temporarily unsuitable • 802= Multiple organ transplant or different laterality is required • 803= Patient txed, tx in progress, or other offer being considered • 810= Positive crossmatch • 811= Number of HLA mismatches unacceptable • 812= No serum for crossmatching • 813= Unacceptable Antigens • 814= High PRA • 815= High CPRA • 820= Heavy workload • 821= Operational – transplant center • 822= Exceeded one hour response time • 823= Surgeon unavailable • 824= Distance to travel or ship • 825= Operational – transplant

		<p>center</p> <ul style="list-style-type: none"> • 830= Donor age or quality • 831= Donor size/weight • 832= Donor ABO • 833= Donor social history • 834= Positive serological tests • 835= Organ Preservation • 836= Organ anatomical damage or defect • 837= Organ-specific donor issue • 850= Multi-organ placement • 851= Directed donation • 852= Military donor • 853= ALU, Sharing Agreement, Variance • 860= Medical urgency of another potential recipient • 861= Operational – OPO • 862= Donor medical urgency • 863= Offer not made due to expedited placement attempt • 880= Kidney placed with Extra-renal • 881= Maximum 0mm offer limits exceeded • 882= Not offered - Non facilitated pancreas center • 883= Not offered - Min acceptance criteria not met • 898= Other Specify • 901= Recipient Ill • 902= Recipient Unavailable • 903= Recipient Refused • 904= Multiple Organ Transplant Required • 905= Recipient Transplanted/Inactive • 906= Positive Crossmatch • 907= HLA mismatch unacceptable • 908= Recipient testing results unavailable • 909= Patient condition improved, transplant not needed • 910= Recipient Medical Urgency - recip bypassed due to med urgency of another recip • 911= Heavy workload - program unable to accept organ at this time due to heavy wrkld • 912= Operational-transprtn,logstcs,distnc,exceed 1 hr...(see LEGEND for full descrip) • 913= Surgeon Unavailable - surgeon currently performing • 921= Donor Quality • 922= Donor Age • 923= Donor Size/Weight • 924= Donor ABO • 925= Donor Social History
--	--	--

		<ul style="list-style-type: none"> • 926= Positive Serological Tests • 927= Organ Preservation • 928= Organ Anatomical Damage or Defect • 930= Kidney: Renal function test results unavailable, not done or unacceptable • 931= Kidney: Elevated Creatinine • 932= Kidney: Abnormal Urinalysis • 933= Kidney: Abnormal Biopsy • 934= Kidney: Decreased Urine Output • 940= Liver: Liver function test results unavailable, not done or unacceptable • 941= Liver: Rising Serum Transaminase • 942= Liver: Abnormal Biopsy • 950= Heart: Cardiac function test results unavailable, not done or unacceptable • 951= Heart: Abnormal Echocardiogram • 952= Heart: Abnormal Coronary Angiography • 953= Heart: Abnormal EKG results • 954= Heart: Abnormal Hemodynamics • 960= Pulmonary: Pulmonary function test results unavailable, not done or unacceptable • 961= Pulmonary: Abnormal Blood Gases • 962= Pulmonary: Abnormal Chest X-Ray • 963= Pulmonary: Abnormal Bronchoscopy Results • 970= Region 1 Special • 988= Not offered - Time limit for offers exceeded - OC use only • 989= Not offered - Non facilitated pancreas center - OC use only • 991= Donor Medical Urgency • 992= Other: Multi-organ Transplant • 993= Other: Directed Donation • 994= Other: Military Donor • 995= Other: ALU, Sharing Agreement, Variance • 996= Other: Extra-renal placed with Kidney • 997= Not offered - Min acceptance criteria not met - OC use only • 998= Other: Other Specify
PTR_PRIME_OPO_REFUSAL_OSTXT	character(75)	Explanation of OPO's primary refusal when primary refusal code is 898 or 998.

PTR_SECOND_OPO_REFUSAL_ID	integer	OPO's secondary refusal reason. This has the same values as PTR_PRIME_OPO_REFUSAL_ID.
PTR_SECOND_OPO_REFUSAL_OSTXT	character(75)	Explanation of OPO's secondary refusal when secondary refusal code is 898 or 998.
PTR_STAT_DT	date or datetime, depending on file's precision	Urgency Status Date - relative date/time computed by the candidate's urgency status time and date/time match was run.
PTR_DISTANCE	float	Distance in nautical miles from the donor hospital to the candidate's transplant center.
PTR_OLD_STAT1_TM_SEC	integer	Old Heart Status 1 Time in seconds
PTR_OPO_REFUSAL_DT	date or datetime, depending on file's precision	Time of OPO's refusal.
PTR_CHG_PROCESS_CD	character(1)	Process that changed the row. This has the following values: <ul style="list-style-type: none"> • C= Conversion • D= Donor refusal from match • F= Fix: DataScript • K= Renal Minimum Acceptance Criteria run; automatic 883 refusal • M= TXC Range Response • O= OPO Refusal • R= Range Refusal • S= System Verify • T= TXC Response • U= Single Update • V= Organ Offers: TXC Verify • X= CrossMatch Import
PTR_TXC_REFUSAL_CD	integer	Transplant center's refusal reason. This has the same values as PTR_PRIME_OPO_REFUSAL_ID.
PTR_TXC_REFUSAL_OSTXT	character(75)	Explanation of transplant center's primary refusal when primary refusal code is 898 or 998.
PTR_TXC_REFUSAL_DT	date or datetime, depending on file's precision	Time of transplant center's refusal.