uBooNE Reconstruction - Milestone #11261

Milestone # 11262 (Resolved): March production reconstruction

Track finding and fitting improvements

12/20/2015 01:49 PM - Erica Snider

Status:	Closed		**Start date:**	12/20/2015
Priority:	Normal		**Due date:**	03/01/2016
Assignee:			**% Done:**	100%
Category:			**Estimated time:**	0.00 hour
Target version:				

Description

Teach track finding and fitting to understand how to understand gaps.
Fix 3D seed-finding for interplane timing.
Integrate projection matching algorithm for tracks
Track re-fit algorithm
Define tracking algorithm interfaces. (Core LArSoft deliverable)

Subtasks:

Task # 11264: Understand and fix broken track issue from Track3DKalmanTrack	**Closed**
Task # 11266: Fix 3D seed finding that is used as input to TrackKalman3D tracks	**Closed**
Task # 11267: Fully integrate projection matching track algorithm	**Closed**
Task # 11268: Define and implement track fitting interface using Kalman fit as first im...	**Closed**
Task # 11269: Define high-level and internal interfaces for tracking	**Closed**
Task # 11265: Make PMATrackMaker respect gaps due to bad hits	**Closed**

History

#1 - 12/20/2015 01:55 PM - Erica Snider

- Parent task set to #11262

#2 - 08/02/2016 01:40 PM - Tracy Usher

- Status changed from New to Closed

The subtasks have all been closed with respect to Neutrino 16 goal, to be superseded by new set of goals.