

Lock Performance Monitoring System (LPMS) Database to ENG forms 3102B, C and D

Arrival Screen (3102C or 3102D):

The screenshot shows the 'Arrivals' section of the LPMS interface. It is divided into two main panels: 'DOWNBOUND' and 'UPBOUND'. Each panel contains a table of vessel arrivals with columns for Del No, Vessel Name, Length, Width, Arrival Date/Time, Haz, Flotilla No, # Barge, # Box, and OPS Details. The DOWNBOUND table shows a single entry for vessel 'JRSOLA (TOW 2000)' with a length of 677 and width of 54, arriving on 04/22/2024 at 09:49. The UPBOUND table shows a single entry for vessel 'FRANCES SWAYZE' with a length of 890 and width of 84, arriving on 04/21/2024 at 19:42. The interface includes navigation tabs at the top and various action buttons like 'Add Vessel', 'Import Barge', and 'Lock Included'.

Flotilla and Commodity Information (3102C or 3102D):

The screenshot displays the 'Flotilla' and 'Barges and Commodities' sections. The 'Flotilla Details' section includes fields for 'Flotilla No' (70515353), 'Is flotilla hazardous?' (No), 'Flotilla Size (Feet)' (Length: 600, Width: 54), 'Barge Count' (Loaded: 0, Empty: 2), and 'Maximum Draft' (Feet: 2, Inches: 0). Below this, the 'Barges and Commodities' section features a table with columns for 'Select', 'Number of Barges', 'Barge Type', 'Barge Width', and 'Barge Length'. One entry is shown: 2 'H - Liquid Hopper Barge' with a width of 'E - 50-54 ft' and length of 'G - 290-300 ft'. A sub-table below shows 'Commodity' information: '0001 - Empty Barges', 'Hazardous: No', and 'Tons: 0'. The interface also includes 'Add', 'Edit', 'Delete', and 'Delete All' buttons.

Lockage Times (3102B, internal USACE completed section):

The screenshot shows the 'Operations' section of the LPMS interface. It displays details for 'Lock H2 OH 42 - McAlpine Locks and Dam' in the 'CST' time zone. The 'OPS ID' is 11977007 (Chamber 2 Downbound) and the 'Chamber Status' is 'OPEN'. The 'Chamber Type' is 'MAIN' and 'ECL Override' is 'No'. Below this, there are fields for 'Total Number of Light Boats' (0) and 'Total Number of Fac Boats' (0). The 'Assisting Vessels (0)' section is currently empty. At the bottom, a table shows 'Locked Traffic' with columns for 'Vessel Name', 'Lockage Type', 'Flotilla No', 'Multi-Cut', 'Arrival Date', 'SOL', 'BOS', 'EOL', 'SOE', 'EOL', 'Meth Assist', and 'Num Pages'. One entry is visible for vessel 'WISCONSIN' with a lockage type of 'S - Single (Single-cut Only)', flotilla number 70515353, and arrival date 04/22/2024 at 11:23.

Stall Stoppage (3102 B):

The screenshot shows the 'Stall Stoppage' form. It contains the following information: 'EROC: B2-MVN-NEW ORLEANS', 'River Code: G1 - GULF INTRACOASTAL WATERWAY', 'Lock No: 08 - CALCASIEU LOCK', 'Chamber No: 1', 'Begin Stop Date: 04/21/2020 03:32', 'End Stop Date' (empty), 'Scheduled: No', 'Reason: Accident or collision in lock', 'Number of Hardware Cycles' (empty), 'Is Traffic Stopped: No', and a 'Comments' text area. The form includes 'Cancel', 'Delete', and 'Save' buttons at the bottom.