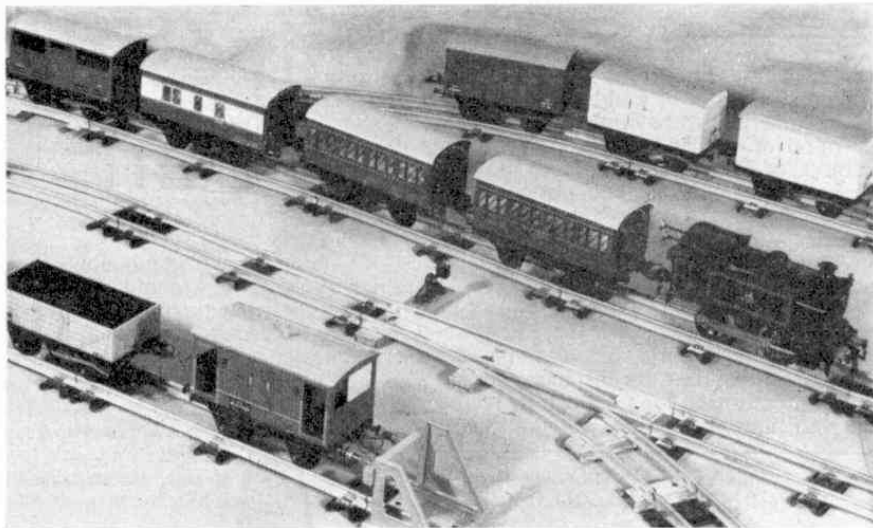


# WHEN YOU DOUBLE YOUR TRACK

By "Tommy Dodd"

LAST month, we had some simple track notes that I hope were useful to many young readers who own Hornby Gauge 0 Clockwork Trains. In their earliest stages, Hornby railways usually consist of a single line of rails only, with sidings or branches here and there when Points have been added to the oval track with which most of us begin. With a single track, only one train can run on the main line at one time. There may be other engines, or complete trains, but these have to wait in a siding or a loop while the first train is in motion. In this way we follow the real railway principle of having only one train in a given section at once, so safety in working is ensured.

Most of us, though, like to see two trains passing one another on the run and for this a double track is necessary. There is something very satisfying about such a layout and with Hornby Tinplate Rails it is not difficult to arrange one. If the



A busy scene on a Hornby Gauge 0 layout, where the standard Rails are arranged to form a double track main line.

original single track is oval, the additional line of rails needed to form double track will probably follow the same course. It is simple enough to lay straight tracks side by side, but when we come to the curves, one or two little problems arise. As the Curved Rails are necessarily of the same standard radius on inside and outside

track, we have to make the straight sections of the outer track a little longer than those of the inner track, so that the respective sets of rails remain throughout at a suitable distance apart. If you make your outer track longer than your inner one by one Straight Rail, or its equivalent, matters will work out satisfactorily.

## THE YEAR'S INDEX: VOL. XLVII

Air News, 10, 56, 100, 146, 186, 232, 270, 312, 350, 392, 436, 486  
Airship, Britain's Last, 397  
Atomic Explosions, Underground, 276

Bayko, Famous Buildings in, 102  
Bells, Craft of Making Church, 54  
Boats, The Shape of, 314  
Boomerangs, 262  
Bridges: Callender-Hamilton, 2; Forth, New, 307; Severn, 230; Union Chain, nr. Berwick, 184  
Bus Spotters, Calling All, 42, 88, 110, 172, 217, 257, 283, 337, 379, 405, 454, 509

Canal, Tracing Kingston and Leominster, 8  
Casquets—Graveyard of Many Ships, 428  
Cat's Eye Road Studs, 98  
Christmas: Cash Side of, 430; Doles from Bygone Days, 484; Pudding, 470  
Cinema Projection Room, Visit to a, 194  
"Circuit 24", 348, 401, 438  
Clocks, Ancient, 394  
Club and Branch News, 29, 77, 126, 161, 205, 245, 293, 333, 363, 418, 449, 497  
Coaster Commentary, 203, 278, 357, 445

Diesel Engines: Pioneer, 480; World's Most Powerful, 220  
Dinky Toys News, 20, 66, 108, 154, 196, 238, 279, 320, 360, 402, 442, 490  
Dogs on Patrol, Police, 92

Easter Eggs, 145  
Electricity from Natural Steam, Creating, 180  
Electronic Eyes of a Steelworks, 349

Fort Jefferson, U.S.A., 16

Gaping Gill, Conqueror of, 342  
Gemini, Meet the, 400  
George Cross, Story of the, 274  
G.P.O. "Pirate" Squad, 123

Hornby-Dublo at Olympia, 304  
Hornby-Dublo (Three-Rail) Railways: Layouts, Readers', 32, 72, 122, 165, 208, 248, 286, 330, 366, 408, 458, 500; Locomotives, Diesel: Co-Co Deltic *St. Paddy*, 284, 498; Motor Coach,

Electric, 410  
Hornby-Dublo (Two-Rail) Railways: Coaches—Corridor, S.R., 206. Electric Driving Trailer, 406. Electric Motor, 406. Suburban, 164; Crossings, Diamond, 30; Layouts, 33, 73, 123, 167, 210, 250, 287, 331, 367, 368, 409, 459, 502; Locomotives, Diesel Co-Co Deltic *Crepello*, 284; Notices, Lineside, 246; Passengers, Railway, 120; Personnel, Railway Station, 162; Train Sets—Breakdown, 162. Co-Bo Diesel Goods, 246. Suburban Electric, 406. *The Royal Scot* (Diesel), 285; Vans—Banana, 164. Gunpowder, 164. Packing, 164. Wagons, I.C.I. Caustic Liquor Tank, 328, 457. Mineral Wagon, 328. 456. *Prestwin* Silo, 328, 457. United Dairies Milk Tank, 328, 365, 456

Hornby Gauge 0 Railways: Building up, 35; Goods Trains, Mixed, 125; Preparing your "Road", 75; Track Topics, 461; When you Double your Track, 512

Hovercoach, First Passenger Trip by, 354  
Hydro-Electric Power in Tasmania, 58

Lamps for Old, New, 68  
Lift Lock, Peterborough (Canada), 136

Meccano—and Me, 204  
Meccano at Stockholm Fair, 317  
Meccano Automatic Trolley, Mullard, 26  
Meccano Emebo Motor, 324  
Meccano, Eskimo Buys, 15  
Meccano Instruction Books, New, 111-3, 159, 201, 371  
Meccano Model-Building, Easy: Aircraft, Jet, 160; Cranes, Railway Service, 78, 200; Cycle and Rider, Penny-Farthing, 244; Gravel Grading Machine, 370; Jeep, Radio, 78; Lawn Edge Trimmer, 370; Locomotive *Puffing Billy*, 450; Milling Machine, 325; Models for Christmas Fun, 492; Motor Car, Sports, 115; Trip Hammer, Mechanical, 294  
Meccano Model Heavy Vehicle Chassis, 452  
Meccano Models, New (Intermediate and Advanced): Bowling Alley, Five-Pin, 494; Marine Engine driven by Emebo Motor, 414; Meccanograph, 80; Motor Car, Veteran, 411; Side-Dumper, 26-Ton, 326; Ticket-Issuing Machine, Automatic, 156

Meccano Models, Special: Clock, Wall, 242; Paper Folding Machine, 24

Meccano Models (Pick of the "Pops"): Block-Setting Gear, Fidler's, 202; Crane, Hammerhead, 372; Dragline, Walking, 116; Gear-Box, Pre-Selector, 416; Front Wheel Drive Transmission, 82; Weighing Machine, Platform, 290  
Mountain Rescue by Motor-Cycle, 302  
Museum, R.A.C. Tank, 104

Nature: Donkey, 142; Hippos, 390; Seals on Scilly Isles, 182; Takahe, 352

Of General Interest, 55, 144, 193, 503  
Oil from Conifer Branches, 50  
Organ, Stalacpipe, U.S.A., 226

Petrol, Synthetic, 474  
Photographers' Page, 37, 88, 110, 173, 192, 217, 256, 273, 338, 375, 396, 466, 508

Railway Locomotives: *Cecil Raikes*, 185; *City of Truro*, 51; Diesel Maintenance, Bradford, 4; Piggy-Back, Guinness, 34; Port of London Authority Steam, 12; Swindon "Kings", 386  
Railway Notes, 18, 60, 106, 152, 190, 240, 274, 318, 358, 398, 440, 478

Railways: Aerotrains, G.M., 178; Black Forest, Narrow Gauge Line in, 362; East Sussex Journey, 224; French Tour, 264; Glasgow-Stranraer-Dumfries, G.S.W.R., 138; Glasgow Subway, 310; Mt. Washington Cog, U.S.A., 48; Railroads, My Two, 94; Statistics, 405; Swindon Museum, 344; Westerham Valley Light, 435  
Road and Track, 52, 140, 228, 308, 388, 482  
Road Research Laboratory, 198  
Road, Unique Frontier, 236  
Robots for Nuclear Tests, Mobile, 36

Ships and Shipping: Breakers' Yard, The, 472; *Dunedin*, First Refrigeration Ship, 148; *Northern Star*, Liner, 384; Thames Passenger-Carrying Steamers, 222; *Waratah*, Mystery of, 103; "White Funnel" Fleet, 62  
Slate, The Story of, 268  
Solar Power for Earth and Space, 150  
Space Notes, 6, 96, 188, 266, 346, 432  
Stamp Collecting, 39, 85, 129, 169, 213, 253, 295, 335, 377, 421, 463, 505

Teleprinter, "Creed Seventy-Five", 22  
Totem Poles, 322  
Transistors, 64  
Tunnel Pumping Station, Severn, 14

Windmills of the World, 446  
Winter, The Modern British, 488



VOL. XLVIII. No.3

MARCH 1963

# MECCANO

## MAGAZINE

1/3



SOUTHBOUND FROM YORK