

VIDA WELD PTY. LTD. P.O. BOX 212, CARINGBAH, N.S.W., AUSTRALIA, 2229

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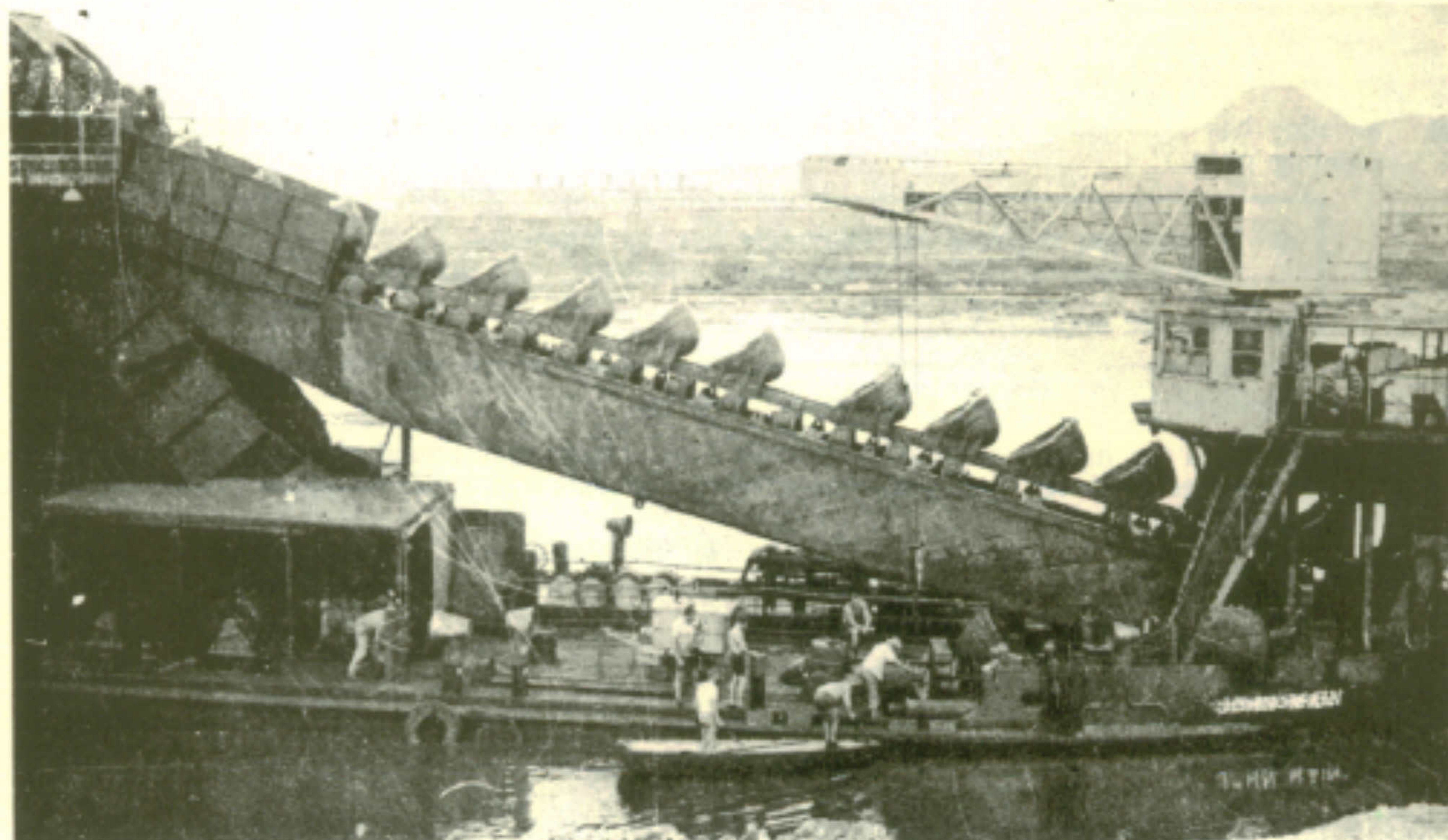
TELEX: VIDLOY AA27361

96 WILLARONG ROAD, CARINGBAH, 2229

Identification:

VIDALLOY 33

WHITE TIP



BUCKET DREDGE

- Deposits alloy known as Chromium Carbide.
- Nominal composition of deposited alloy to Mild Steel base.
Carbon 5.5%, Chromium 40%, Manganese 1.5%, balance Iron.
- Hardness figures — Single layer deposit 50-55 Rc.
Multi layer deposit 55-60 Rc.
- **Vidalloy 33 Applications:—**
Parts subject to high abrasion and for parts made of 11-14% Austenitic Manganese steel where wear factors are considerable. Examples are: Dredge bucket lips, screen butt straps, crusher jaws, crusher mantles and liners, Manganese steel swing hammers, quarry screen plates, chutes and grizzly bars, dragline buckets, shovel buckets, lips, gums and bottoms, bucket teeth, scraper blades, excavators and agricultural implements, etc.
- **Note** — The hardness numbers stated are for an average structure hardness. More important is the dense concentration of wear resisting carbides within the general matrix.
- Excessively high amperages result in greater dilution with base metal.
- Vidalloy 33 has a non hygroscopic flux coating. **The electrodes are completely moisture resistant** (therefore no special storage is needed).
- The electrodes have patented features designed to make Vidalloy the most economic hard facing electrode available.
- The stub end allows even our 11 mm diameter electrodes to fit any conventional electrode holder.

Known and sold throughout United Kingdom, Europe and Japan as ARMALLOY®

- Vidalloy has a low fume factor — little or no spatter. Relief checks are normal — Finish by grinding only.

- **Amperages required are extremely low, as follows:—**
6 mm diam. 80-125 8 mm diam. 140-190 11 mm diam. 190-250
- May be applied A.C. or D.C.

- **6 mm diameter is designed for all positional welding.**
- Vidalloy gives the highest amount of deposited metal from each pound of electrodes. Contains the highest and best balanced proportions of alloying elements which means longest life for the lowest initial cost outlay.
- Packaging — 5 kg packets.
50 kg cartons.